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psu Magazine

SPRING 2000

FOR ALUMNI AND FRIENDS

OF PORTLAND STATE UNIVERSITY

Going to Extremes

Finding Life in Inhospitable Places



Putting Schools to the Test

The New State Report Cards

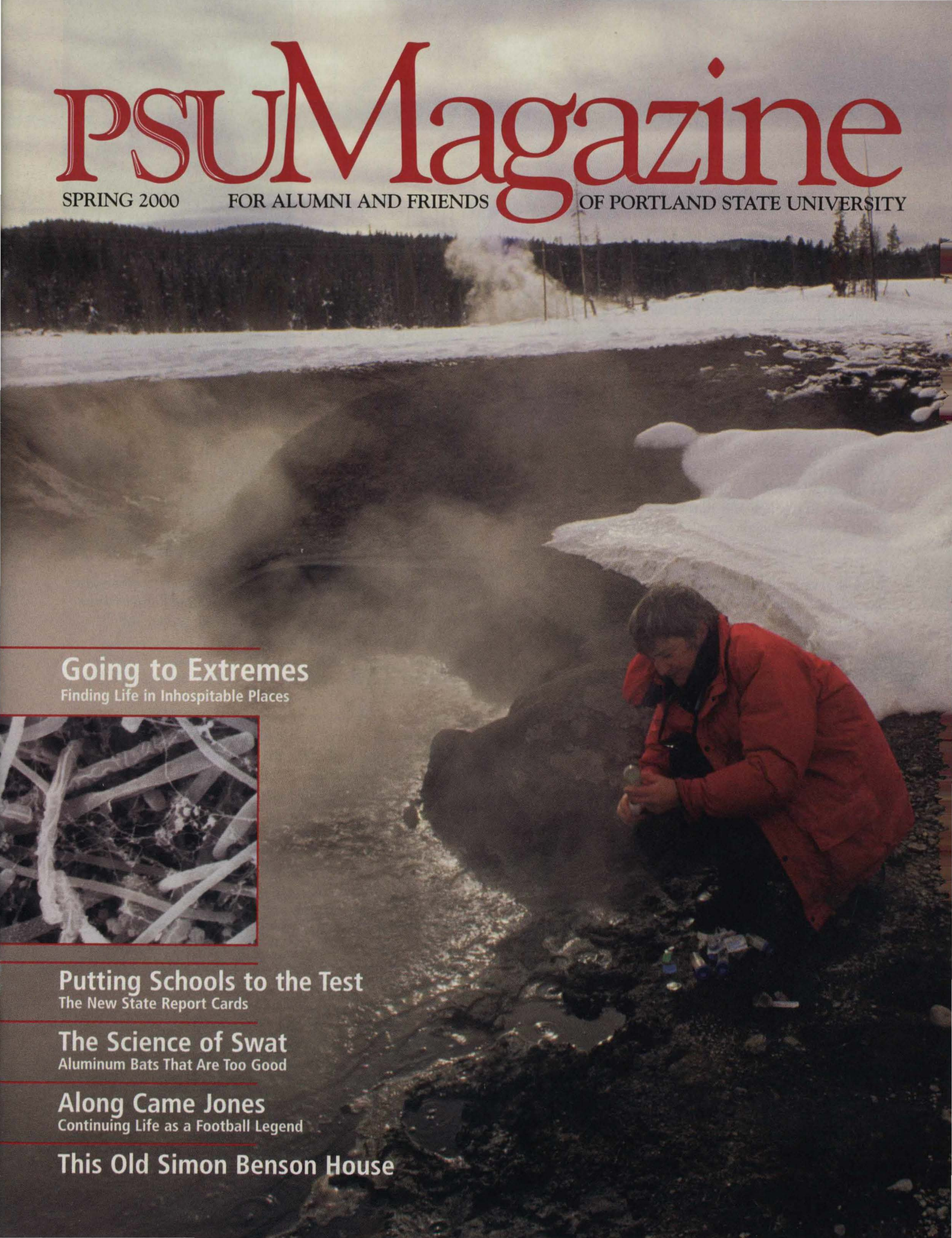
The Science of Swat

Aluminum Bats That Are Too Good

Along Came Jones

Continuing Life as a Football Legend

This Old Simon Benson House



Phillip Gibbons and his life-long partner, the late Orville Garrison, spent their careers advocating for people who don't have a voice. Through their estate plans, the two social workers have assured that others will continue this work.

Phillip's life wasn't always headed toward social work. "There was a family doctrine," he says, "that 'Phillip, with his long, beautiful hands, was bound to be a surgeon.' I thought so, too."

During high school he looked for work experience that would test his interest in the medical field. Then, while serving in World War II, Phillip became a field-trained medic for an artillery unit in the Philippines. "A life of cold canned food, explosions, and dysentery," he remembers.

After the war, still thinking of a pre-med degree, Phillip headed for college. "My mind said I'd like to be a doctor and help people, but my intelligence quotient in math and chemistry was telling me something else," says

Phillip. A trusted professor suggested that he could accomplish his central desire—to help others—in more than one way. "That," he says, "steered me toward social work."

"Orville had his head on straighter than me in college, which is where we met," recalls Phillip. "He was already clearly aimed toward psychology and social work." After college and graduate school, the two made their home in Milwaukie, where they lived for 50 years until Orville's death from kidney failure in 1998. Each had long careers in social service agencies serving youth and older people.

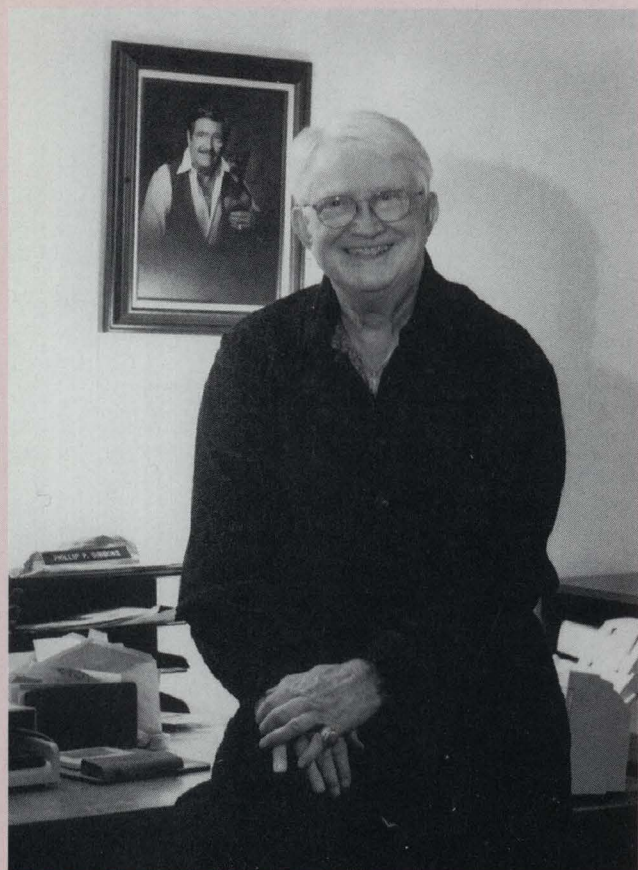
Several years ago, with the help of their attorney, Phillip and Orville began making plans to establish, through their estate, an endowment at Portland State University. "We knew the Graduate School of Social Work well, having advocated for developing the program at PSU from the beginning," says Phillip. "The first dean, Dr. Gordon Hearn, was our professor at the University of California."

The Garrison-Gibbons Fellowship will make its first award this spring to assist gay and lesbian students in the Graduate School of Social Work. It was important to both Phillip and Orville to support others who are choosing the same path of service that they embarked on over 50 years ago. "We're a minority, part of the diversity of the U.S. of A.—of the world, actually," says Phillip. "What Orville and I wanted to encourage are students who are open about who they are and engaged in service that advances the social work mission they care about most."

"Orville, who is still with me in these decisions, would probably be as surprised as I at what's come to fruition. I know he'd be both relieved and happy about what we've done."

"It never entered my mind that I'd be in a position someday to be a philanthropist. I come from a working-class family, with three older brothers. I was in high school before I had my first pair of new store-bought trousers. But Orville and I were savers, always salting something away. It astonished us to realize we'd have something to leave behind."

—Phillip Gibbons, M.S.W.



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Cover: Anna-Louise Reysenbach
 gathers samples—which come to life
 under an electron microscope—from
 a steaming spring in Yellowstone
 National Park. Photo by Louis
 Mazzatenta for *National Geographic*.
 Photo of hyperthermophiles by Sherry
 Cady.

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Peoples of the Northwest Coast: Their Archaeology and Prehistory

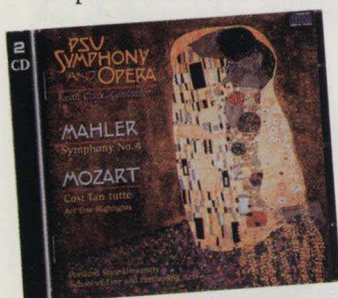
by Kenneth Ames (anthropology faculty) and Herbert Maschner, Thames and Hudson Ltd., 1999.

This region is famous for magnificent masks, totem poles, and woven blankets produced by the ancient world's most politically and economically complex hunters and gatherers. Yet, after more than a century of intensive study, researchers have created a picture of a static society, a "people without a history." Archeologists Ames and Maschner have recovered the fascinating truth about these cultures.

PSU Symphony and Opera

Keith Clark conducting, PSU School of Fine and Performing Arts, 1999.

This second compact disc from the Department of Music features high-



lights from the spring 1999 productions of Mozart's comic opera *Così fan tutte* and

the PSU Symphony Orchestra's performance of Gustav Mahler's Symphony No. 4. Both pieces are far from conventional amateur fare. Proceeds from the CD—which is available at Classical Millennium, Tower Records, and at PSU Symphony performances—benefit orchestra and opera scholarship funds.

Decision Making for Technology Executives: Using Multiple Perspectives to Improve Performance

by Harold Linstone (system sciences emeritus faculty), Artech House, 1999.

"I defy anyone to try to separate the technical aspect of Three Mile Island

from the legal, political, and moral aspects," says author Linstone, who presents a methodology for blending multiple perspectives toward problem solving. *Decision Making* is a reference for executives who need to understand the dynamics of complex problems in an age when simple solutions are no longer possible.

Criminal Profiling: An Introduction to Behavioral Evidence Analysis

by Brent Turvey '93, Academic Press, 1999.

For author Turvey, criminal profiling is not an art as popularized in made-for-TV movies, but a science with consistent methods, language, and educational requirements. Turvey has studied violent and predatory criminal behavior since 1990, and now works with law enforcement and defense clients throughout the United States. In his textbook he provides the general approach profilers should use for criminal incidents, as well as his own analysis of the 19th century Ripper murders and the recent JonBenet Ramsey case.

Empty Nets: Indians, Dams, and the Columbia River

by Roberta Ulrich MA '96, Oregon State University Press, 1999.

In 1939, the U.S. government promised Columbia River Indians it would replace traditional fishing sites flooded in the backwater of the Bonneville Dam. Ulrich recounts the Indians' 60-year struggle in the courts

and on the river to persuade the government to keep its promise, which may yet be fulfilled in the new century. Ulrich is a former reporter for United Press International and *The Oregonian*, where she created the paper's first beat covering Native American issues.

News for a Change: An Advocate's Guide to Working With the Media

by Lawrence Wallack (community health faculty) and others, Sage Publications, 1999.

From cleaning up contaminated waste sites to getting cheap handguns out of stores—people across the country are effectively using the power of the news media to make a difference in their communities. Wallack and his co-authors have written a manual for those who must become media savvy in order to advocate their cause. The book contains basic principles, practical suggestions, clear examples, and specific tips for using the media.

Other books & recordings

The Coming of the Spirit of Pestilence: Introduced Infectious Diseases and Population Decline Among Northwest Coast Indians, 1774-1874, by Robert Boyd '68, University of Washington Press, 1999.

Work and Caring for the Elderly: International Perspectives, edited by Viola Lechner and Margaret Neal (urban studies faculty), Brunner/Mazel, 1999.

U.S. Trade Policy: History, Theory, and the WTO, by William Lovett, Alfred Eckes Jr., and Richard Brinkman (economics faculty), M.E. Sharp, 1999.

Music from Bohemia, compact disc by Trio Spektrum (music faculty) Marilyn Shotola, Stan Stanford, and Tomas Svobada, North Pacific Music, 1999.

Academies and Society in Southern Sung China, by Linda Walton (history faculty), University of Hawaii Press, 1999. □

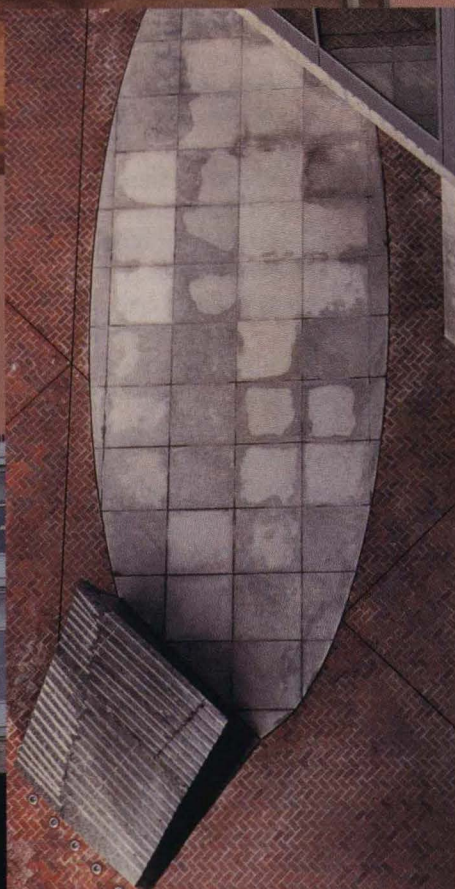
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URBAN CENTER OPENS

The new home of the College of Urban and Public Affairs is open for academic business. The buildings, connecting skywalk, and public plaza take up the block between SW Mill and Montgomery streets and SW Fifth and Sixth avenues. The College resides in the seven-story east wing, and a Distance Learning Center—fitted to receive and broadcast instructional programs around the state—makes up the west wing. The PSU Bookstore will soon be the anchor tenant in ground-floor retail space, which looks out on a brick plaza with trees, benches, abstract art, and three fountains. The plaza will also contain a Tri-Met Transit Center and the southernmost stop for the Central City Streetcar. □



PHOTOS BY STEVE DIPAOLO





'Three Shakes' on stage

Shakespeare is center stage, on the edge, and over the top, as the Portland International Performance Festival takes on the immortal bard this July.

"Three Shakes" will fill the main stage this season at PIPFest 2000. Steven Berkoff, acclaimed British actor, director, and playwright, will perform *Shakespeare's Villains* July 7 and 8. Kerry Shale, a Canadian living in the U.K., comes next with *The Prince of West End Avenue*, July 13-16. The festival main stage closes July 20-22 with Briton Ken Campbell's comic performance of *Pidgin Macbeth* and *Theatre Stories*.

In *Shakespeare's Villains*, Berkoff explores Shakespeare's ideas of evil as expressed in his most villainous characters, including Iago, the Macbeths, Shylock, and Richard II. Berkoff subtitled the performance "A Masterclass in Evil." Shale brings his hilarious adaptation

of Alan Isler's award-winning novel *The Prince of West End Avenue* to PIPFest for its U.S. premier. It is the story of a Jewish retirement home that puts on an amateur production of *Hamlet*.

Campbell, who had PIPFest audiences weeping with laughter when he appeared in 1997, this year brings his own

adaptation of *Macbeth* in Pidgin English, and tells of his Royal Shakespeare Company hoax and other theatrical experiments in *Theatre Stories*.

In addition to their performances, Berkoff, Shale, and Campbell will give free public lectures on their work at noon on July 6, 11, and 20 at locations

to be announced. PIPFest also includes a full schedule of courses, workshops, two film series, and student studio performances. Launching PIPFest 2000 will be a first-ever Opening Gala Benefit on July 1 at 8 p.m. in Lincoln Performance Hall. It will feature local music, dance, and theater performances.

Tickets for PIPFest events, which range from \$9 to \$35, go on sale in mid-May at the PSU Box Office, 510 SW Hall (725-3307), and at GI Joe's and Ticketmaster outlets. For more information about PIPFest, call (503) 725-5326 or visit the Web site www.extended.pdx.edu/pipf/index.html.

Bones of contention

Who is Kennewick Man?

His ancient bones, found in 1996 along the Columbia River shoreline at Kennewick, Wash., have caused controversies between scientists, who want to study him, and Northwest tribes, which want to bury him.

Serving as judge and jury is the U.S. Department of the Interior, which contracted with Ken Ames, PSU professor of anthropology, and others to help determine if Kennewick Man is a forebear of modern tribes. Under the Native American Graves Protection and Repatriation Act, a tribe is required to show that it is culturally linked to the remains in order to claim them.

Ames has examined the archaeological record of the Columbia Plateau to see what links there may be between inhabitants of the region more than 9,000 years ago and Native American groups today. Several radiocarbon dates obtained from the bones indicate they are approximately 9,300 years old.

Ames sifted through massive numbers of records and talked with tribes and other archaeologists to supply federal officials with the necessary information. The bibliography of his report contained more than 500 items. Ames is not at liberty to share his conclusion. The final word will come from the Secretary of the Interior.

The Interior Department has also engaged experts to test Kennewick Man's DNA. Many scientists believe that these tests alone will still be inconclusive, but together with Ames' and other anthropologists' findings, the future of Kennewick Man will be decided.

Weekend course tours Art of the West

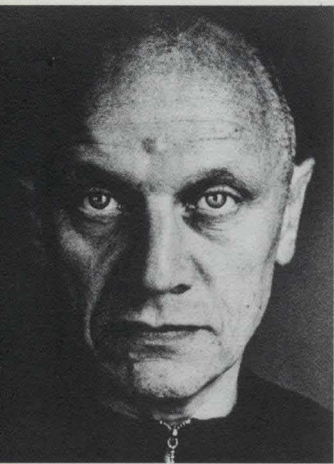
How have regional artists shaped our view—both real and mythical—of the West? Answers are expected in the summer course, Art of the West, July 21-23. Museums, commercial galleries, and an art festival are the classrooms for this weekend course.

Tour leaders read like a Who's Who of art experts in the Northwest: Prudence Roberts, curator of American art at the Portland Art Museum; Roger Hull, professor of art history at Willamette University; Larry Peterson, collector of the works of Charles Russell and author of *Charles M. Russell, Legacy*; and Kate Bonansinga, the workshop's instructor and a noted art writer, teacher, and curator.

The class, part of the University's Summer Session "Looking West" series, will look at a range of regional works from Native American to early modernists to contemporary. A slide lecture and course introduction will be given by Bonansinga on Friday from 7 to 9 p.m. on campus.

On Saturday participants will visit Portland art galleries and the Portland Art Museum's new American wing. Sunday is an all-day field trip to Salem to see the Hallie Ford Museum of Art on the campus of Willamette University and two other gallery exhibits, as well as a visit to the Salem Art Fair and Festival.

Cost for the class is \$150 (noncredit) and \$170 for one credit. For more information, contact PSU Summer Session at (503) 725-8500 or (800) 547-8887, ext. 3276.



Steven Berkoff portrays Shakespeare's Villains July 7 and 8 for PIPFest.

Engineering program given to Portland State

The Engineering School grew in numbers and prestige this winter through an unusual arrangement. The private Oregon Graduate Institute of Science and Technology (OGI) transferred to PSU its entire materials science program, including five professors, \$2.8 million of equipment, and \$2 million in annual research grants.

The Hillsboro institute, which plans to focus more on electronics and other areas, found a good fit for its program at Portland State. Materials science is the study of the properties and applications of substances such as metals and ceramics. The move increased the size of PSU's Mechanical Engineering Department by 50 percent, from 10 to 15 faculty.

The transfer comes at an opportune time for PSU. The University is working toward expanding its engineering program. The school plans, with the help of the city and a fund-raising campaign, to build a new engineering center.

High-tech industry in the state is working with Portland State, OGI, Oregon State University, and University of Oregon to encourage research and graduates in the engineering fields. Earlier this year, PSU dedicated a new Integrated Circuit Design and Test Laboratory funded through corporate support from Credence Systems Inc. of Beaverton, and other industry partners.

Moving a program from a private to a public school is unusual, but PSU benefited from a similar deal in 1997, when Lewis & Clark College gave its public administration department to the University.

Tiny rooms, big view

A novel technique combining video, still photography, and digital projection is allowing architecture students and local designers to "walk" through small building models.

The Department of Architecture has developed a unique way to preview architectural spaces without the costly expense of 3-D computer graphics or

the laborious construction of actual rooms. The key is the use of a fiber optics micro-video camera that can be inserted into a model. The camera lens—smaller than a roll of film—permits students to see their designs on a TV screen, make instant photographs, or project images to life-size and actually walk into the space. The micro-technology used is all off-the-shelf components that can be assembled for approximately \$5,000.

Local architecture firms also are getting a chance to use the equipment, including Yost Grube Hall, Holst Architecture, and Dull Olson Weekes.

"The photos we took of an elementary school were of such tremendous value that our office used them in marketing brochures," says Jeff Schnabel, architect with Dull Olson Weekes.

Nation's best speak out

PSU's forensic team is hosting more than 4,500 high school students, coaches, and parents at the National Forensic League Championships June 11-16—the first national competition to be held in Oregon since the league's founding in 1925.

Before descending on campus, the highly motivated students will have competed in local contests at more than 3,000 high schools in all 50 states and the U.S. territories. Categories of competition include Lincoln-Douglas debate, humorous interpretation, original oratory, poetry reading, and extemporaneous commentary. Events will be held on campus, at Jantzen Beach, and at the Oregon Convention Center.

Portland State's own forensic team was revived in 1996 and for the past three years has placed in the top three berths of the Division II Northwest Forensics Conference. Each year the team hosts the Ben Padro Memorial Tournament for university students, in memory the late PSU forensics and College Bowl coach.

The team will host its own performance banquet in May. All alumni and members of the public are welcome to see the squad at its best. Call 725-5358 or e-mail amandaf@teleport.com for more information.

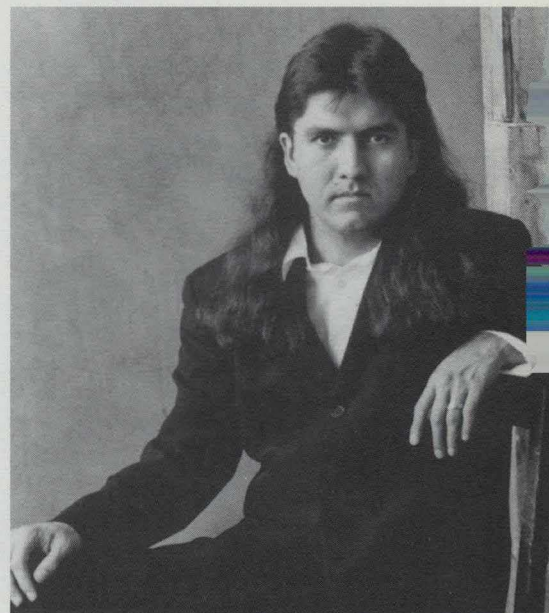
Musicians and singers soar to new heights

With its massive orchestra and chorus, Gustav Mahler's *Resurrection* is the kind of work one normally expects to hear performed only once in a decade. That time is close.

More than 400 performers—PSU students, professional musicians, and members of Portland's community choirs—will bring this breathtaking symphony to Civic Auditorium on Sunday, June 4, at 8 p.m. Keith Clark, music faculty, conducts.

Resurrection concludes a season of demanding performances put on by the faculty and students of the School of Fine and Performing Arts. The Opera Program, under the direction of Ruth Dobson, will sing its first production in Italian, Mozart's *The Marriage of Figaro*, April 28 through May 6.

These spring performances are made possible through a major new gift from James F. Miller. The gift was the first of an anticipated multiyear commitment of \$153,000 annually in support of opera and orchestra. □



Sherman Alexie, award-winning author of *The Lone Ranger and Tonto Fistfight in Heaven*, will close the PSU First-American Education Series with a presentation on May 19 at 5:30 p.m. at the Chemawa Indian School in Salem. The series will start again in fall 2000. For more information, call (503) 315-4281.

Going to extremes

From steaming springs to the ocean's depths, these scientists are gathering microscopic evidence of our origins.

By John Kirkland



The hot springs of Yellowstone National Park provide Anna-Louise Reysenbach with myriad opportunities for sample collecting. The washer-size piece of rock to the left, gathered by Sherry Cady, will reveal a forest of organisms and the fossil biosignatures they leave behind. (Photos by Louis Mazzatenta and Sherry Cady.)

In the bubbling springs of Yellowstone, in steaming water too hot to touch, lives a universe of life more diverse than all the plants and creatures of the Amazon rain forest.

Two miles under the ocean, in a world of unbearable pressure only slightly warmer than ice, lives another multitude producing an energy source that rivals all the Earth's known petroleum reserves.

These are microscopic bacteria, and they come closer than any other life form on the planet to what scientists call the "universal ancestor"—the oldest form of life. Billions of years before humans or dinosaurs or even trees, these bacteria were populating the planet. And they'll be here long after we're gone.

Three PSU scientists are studying these microbes in extreme hot and extreme cold parts of the world. In the process, they are finding the telltale signs of life's beginnings, and with enough information, they may help to determine if life ever existed on other planets.

The three faculty members, all relatively new to PSU, are:

David Boone, a professor of environmental microbiology, who studies methane-producing bacteria—called methanogens—from cold environments. He has the largest collection in the nation of these types of bacteria.

Sherry Cady, assistant professor of geology, whose work takes her to hot springs in Oregon, Wyoming, and New Zealand. While Boone and Anna-Louise Reysenbach study microbes themselves, Cady is primarily interested in the fossil biosignatures they leave behind. She has proposed that PSU establish a Center for Life at Extreme Environments to blend a number of disciplines in this type of research.

Anna-Louise Reysenbach, a microbial biologist, who came to PSU from Rutgers University in January 1999. She is one of the principal investigators in a National Science Foundation (NSF) grant to study life in and around deep-sea sulfide chimneys, and

also does extensive research in the hot springs of Yellowstone National Park.

Why study microbes?

For one reason, there are so many of them and so few of them have been studied and given names.

"Ten billion microbes can live in the amount of soil you can pinch between your thumb and forefinger, representing thousands of species, almost none of which is known to science," says Reysenbach, quoting from author and scientist E.O. Wilson.

For another reason, microbes play an absolutely essential part in all life. They are the chemists of the world, the recyclers. They are responsible for photosynthesis, the making of natural gas, and the breaking down of organic matter into soil.

If we didn't have microbes, we wouldn't have bread, beer, or yogurt. Microbes give them the rise, the alcohol, the tang that make them what they are.

They are also great at cleaning up man-made disasters. The extent to which the 1989 oil spill off Valdez, Alaska, is cleaned up has at least as much to do with oil-eating microbes as it does with any effort by human beings. There may even be microbes that can help detoxify nuclear radiation.

"We try to help the microbes as much as we can, but they're mostly doing it themselves," says Reysenbach.

"If you disrupt an environment, the life that bounces back the quickest and in the biggest way are the microbes."

Bacteria are so important to all life on earth that it brings up another question—and another reason to study them: Are we humans doing anything to disrupt the microbial world? If so, we may be signing our own death warrant. If we are doing anything to tip the balance—by causing some forms of bacteria to become extinct, or to encourage one type to thrive at the expense of another—we could, for example, trigger a change in the atmosphere that years from now could extinguish life.

All life, of course, except the microbes.

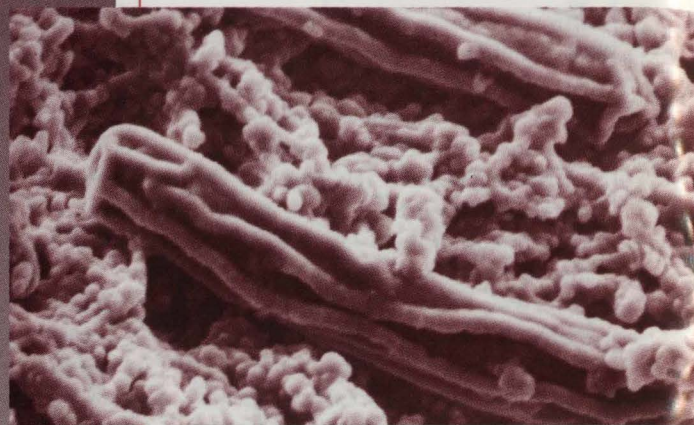
So if bacteria are everywhere, why are these scientists going to the most extreme environments on Earth to study them?

One reason, according to Cady, is that these places exclude almost all other forms of life. They are places of near-boiling water, of high acidity or its opposite, high alkalinity. Not many things can live there—except for certain types of microbes. By going to these places, researchers have a clear

Could life have begun in a hot world? Primitive organisms found in Yellowstone's thermal pools lend support to the theory.



PHOTO BY SHERRY CADY



A microscopic photograph of heat-loving bacteria.

playing field, making their detection work simpler than in other places.

These environments are also where scientists are likely to find the types of microorganisms that lived at the dawn of life. Evidence suggests that life may have originated at high temperatures at chemical extremes—in environments similar to the deep-sea hydrothermal vents where these scientists get their samples, Cady explains.

Others argue that life may have evolved at cooler temperatures. In either case, the period of intense meteor bombardment early in Earth's history probably extinguished life several times, says Cady. The only survivors of this period may have been the high temperature microbes that lived in vents in the deepest water—the only water that was left after the oceans were vaporized from the high impact.

Theories abound about the beginnings of life. But most of them point to the high probability that the microbes living near the deep-sea vents or in other harsh environments are life's earliest ancestors.

These early life forms got their energy through chemical reactions—a process called chemosynthesis—eons before the photosynthesis used by modern plants. The microbes in the hot pools at Yellowstone use that very process, giving hints to their ancestry.

Both Reysenbach's and Cady's work take them to Yellowstone National Park, which, fortunately for them, holds the dual attraction of being one of the richest sources of chemosyn-

Alvin, the same submersible used in finding *Titanic*, takes Reysenbach exploring life on the ocean bottom off Baja, California.

thetic bacteria on land, and one of the most beautiful natural spots in North America. In a March 1998 edition of *National Geographic*, Reysenbach is pictured collecting samples among the pools and grazing bison. On the opposite page, a photo by Cady shows a microscopic image of ancient bacteria's modern relatives.

The three scientists collaborate with one another—Reysenbach has a joint project with Cady, and recently had a paper accepted in *Nature* with Boone—so as they gather samples from across the globe, they share them with one another when they return to PSU.

Reysenbach recently returned from a trip off Baja, California—similar to others she's taken throughout the Pacific Ocean—aboard *Alvin*, the submersible craft that was used in finding *Titanic*. From the surface, *Alvin* takes about 90 minutes to reach the deep-sea vents where its mechanical arms gather samples. These are areas where continental plates are spreading apart or sliding against each other, where magma chambers come close to the surface. They have the kinds of hot water bacteria she is looking for, and the kinds of mineral deposits Cady is researching for fossil microbial biosignatures.

Rocks and minerals present a convenient tool for scientists to research the history of microbes. Reysenbach says one byproduct of some microbes' chemosynthetic processes is pyrite, also known as fool's gold. By looking for pyrite and other mineral "fingerprints," scientists can track the presence of bacteria perhaps billions of years old.

And if they can do that here on Earth, it makes sense that they can tell whether life existed on other planets as well, simply by looking at rock samples.

"If we were to go to a different planet—Mars or Europa, for example—and bring back a sample, what should we be looking for?" asks Reysenbach.

NASA wants to know the answer to that question too, which is why it is helping to fund Cady's research. Over the last four years, NASA and the

National Science Foundation have contributed nearly \$500,000 to Cady's work.

Back here on Earth, the research by Cady, Reysenbach, and Boone has some practical, present-day applications.

Boone's study of bacterial life on the cold ocean floor has captured the interest of the U.S. Department of Energy. The creatures he is most interested in—methanogens—are responsible for creating a substance called methane hydrates, a crystalline compound similar to ice but containing molecules of methane. In the last decade, scientists discovered that these hydrates lay several meters thick along extensive reaches of the ocean floor.

"Estimates vary, but we're hearing that there is more energy tied up in methane hydrates than in all known petroleum sources. So it's potentially a huge energy source," says Boone.

How to harvest them from hundreds of feet below the surface of the ocean, and once they are harvested how quickly will they regenerate, are pieces of a puzzle that need to be worked out.

"Energy companies, which lease areas of the ocean floor to harvest, want to come back as soon as possible, not in hundreds of years, like in an old-growth forest," Boone says.

Cady is also working with energy, but in a different way.

Geothermal companies in New Zealand have tapped into that country's hot springs for energy use, but they are having a problem with the accumulation of minerals on the insides of their equipment. Cady is working with the University of Auckland to see what role microbes might have in forming these minerals and eventually in eliminating them.

Reysenbach sees a clear link between the basic research she does—finding previously unknown kinds of microbes, sampling their DNA, and entering them into the scientific record—and producing products that benefit humanity.

"It eventually all equates to dollars," she says.

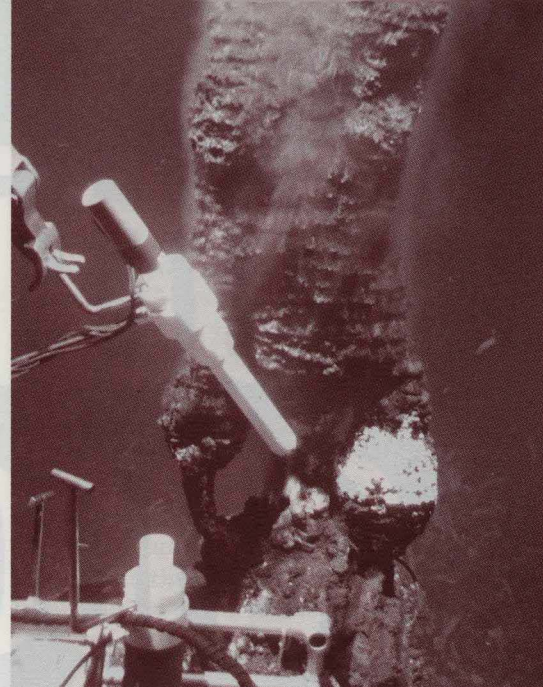


PHOTO BY ANNA-LOUISE REYSENBACH

The wand extending from *Alvin* allows scientists to collect samples from deep-sea chimney vents.

She is regularly approached by companies looking for new anti-cancer drugs, new enzymes, or anything else that can be harvested from the diverse branch of life she studies.

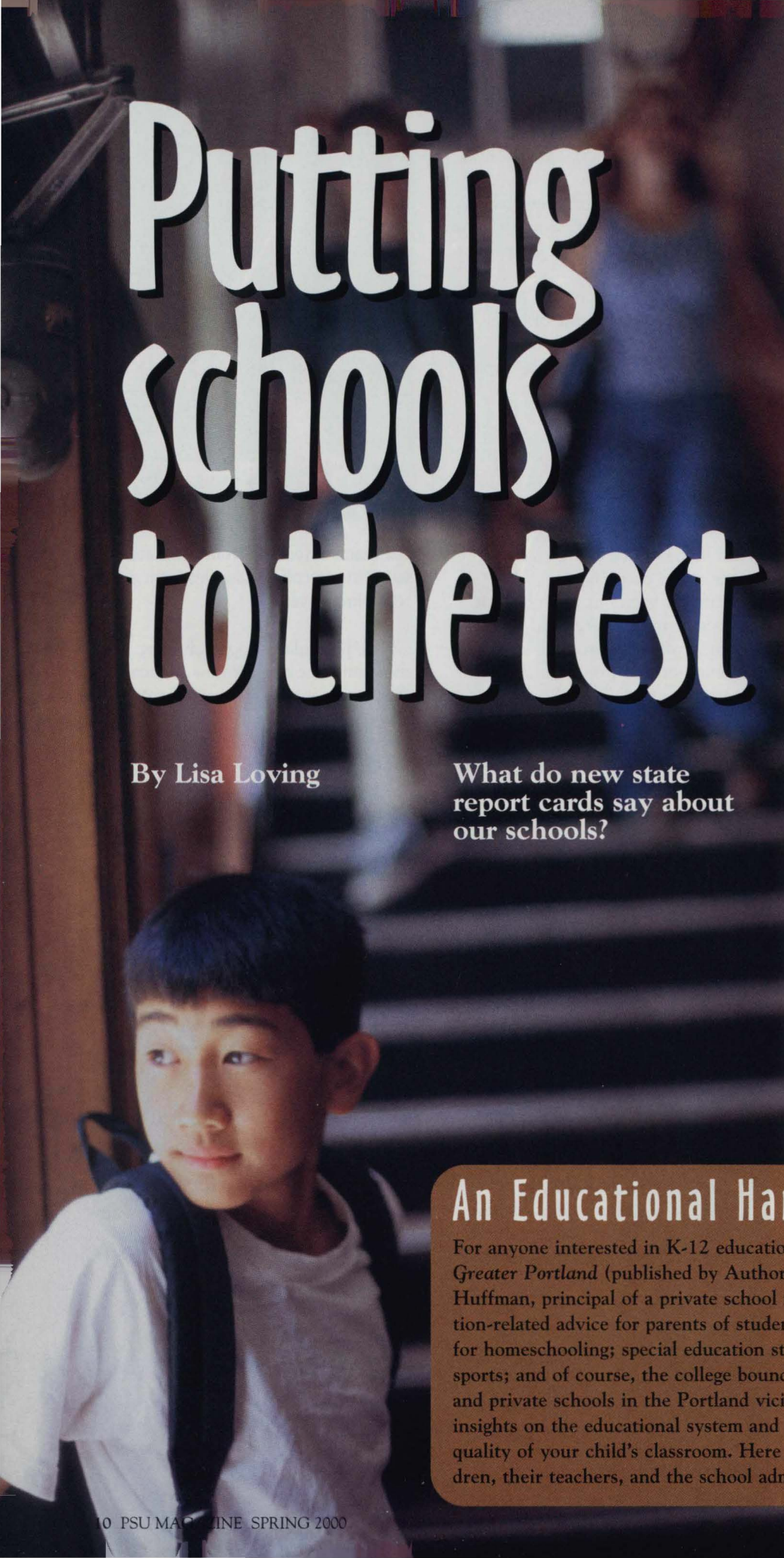
Reysenbach has no problem with the profit-making potential of microbes. In fact, she says it bolsters her position as a staunch conservationist. By demonstrating the kinds of wealth that can come out of the natural environment, she hopes to show the world the importance of preserving it.

A case in point, say Reysenbach, is Costa Rica, which has experienced a major turnaround in its conservation efforts by working with pharmaceutical companies that were interested in preserving the rain forests as sources of wealth.

"So, wealth lies not in cutting down the rain forests, but preserving them," she says.

And by preserving the rain forests and other ecosystems, we preserve the microbes that live there—a far greater key to our survival than most people know. □

(John Kirkland, a Portland freelance writer, wrote the articles "Up for the Count" and "To Infinity and Beyond," which appeared in the winter 2000 PSU Magazine.)



Putting schools to the test

By Lisa Loving

What do new state report cards say about our schools?

My children go to a magnet school for arts," one mom said proudly. "So do mine," the other mom said.

We chatted politely one afternoon while our kids took swimming lessons. We'd never spoken before, so our talk consisted mainly of attempts to "place" each other—probing interests, politics, shopping spots, and, eventually, schools. My heart sank when I saw the direction of the conversation.

The two moms turned to me and asked the question on the lips of all my parenting neighbors: "Where do your kids go?"

My own children attend a Title I school in inner northeast Portland. That means our fellow families are predominantly low-income and minority, the children's achievement test scores are relatively low, and most parents who can have already transferred their kids to other schools with higher test scores and better programs such as those found in magnet facilities.

But we love our little school. The teachers are good, the parent-teacher group is active, and most importantly, our kids like it. They do well in class. Yet we sometimes feel guilty about keeping them there. Shouldn't we push them toward the most enriched educational programs? If the school test scores are low, does that mean our kids aren't learning enough?

These days many parents feel caught in the middle of the nation's great debate about educational quality. Public school spending is curtailed while government leaders demand higher levels of achievement. The

An Educational Handbook for Parents

For anyone interested in K-12 education, Molly Huffman's *School Choices in Greater Portland* (published by Authors Communication Team) is a must. Huffman, principal of a private school in Lake Oswego, gives excellent education-related advice for parents of students of every age as well as resource lists for homeschooling; special education students; lovers of art, music, science, and sports; and of course, the college bound. With extensive listings of top public and private schools in the Portland vicinity, the book also offers intelligent insights on the educational system and specific points on which to judge the quality of your child's classroom. Here you'll find questions to ask your children, their teachers, and the school administrator during the next open house.

result: mass student transfers to the schools deemed "best." When the Oregon Department of Education (ODE) unveiled Oregon's first report cards on public schools this winter, parents across the state went on an informational feeding frenzy. The ODE's Web site took 200,000 "hits" on the first weekend.

The report cards sparked controversy on a variety of fronts and raised tough questions for parents. Is your child's school exceptional, strong, satisfactory, or unsatisfactory? Are these labels fair and accurate? How seriously should we take the state's rating of the schools? And ultimately, what are the best standards for judging quality education?

PSU education professor Ken Peterson's advice to parents concerned about their school's rating by the state: Ignore it. "I think school report cards are an inadequate idea," he says. "It's a fad."

Peterson decries the trend that has parents shopping around for prestigious schools to the detriment of public schools deemed "inferior," and often left with dwindling enrollment and, as a consequence, declining resources. There have only been a few studies on how parents shop for schools, Peterson says, but the little research available indicates that they don't do it well.

"The quality of a child's education becomes subject to their parents' ability to pick a good school—rather than ensuring quality education for all," Peterson says.

However, another voice in the education dialectic says school report cards are a step in the right direction. According to Molly Huffman, author of *School Choices in Greater Portland*, they succeeded in bringing much-needed attention to the school quality issue. "We can't get away anymore with a substandard education," she says. "We are no longer educating our students to go into jobs in the timber and fishing industries; we're educating our students for jobs at Intel."

The Oregon school report cards, created by an act of the state legisla-

ture in 1999, are its attempt at uniformly applying quality control guidelines to all public schools. Oregon is not alone; school report cards are used by more than three dozen states across the country. Many experts see it as the latest trend in an educational reform movement kicked off during the Reagan administration. In a strongly critical report on the public education system, the president's advisers reported a decline in educational quality over the previous generation and called for massive change.

That report, called "A Nation At Risk," proved to be a watershed for both decreased school funding and higher graduation standards that have dogged public schools—and taxpayers—from coast to coast. The irony, says Peterson, an expert on teacher evaluation and educational accountability, is that it's all "based on a misconception."

"The evidence is clear that over the past 30 years test scores have either stayed the same or increased—there are no national test scores that have declined," Peterson says. That's remarkable because in some grades, such as elementary, the tests have been made increasingly more difficult each year; also, a larger proportion of students are tested these days. "Kids really do know more now," Peterson says. "More kids are aware of a wider variety of phenomena than ever before—our schools are very good."

"We're aware of some groups that aren't getting what they need, but that's a matter of the distribution of education resources, it's not that our schools aren't as good as they can be."

Oregon's school report cards focus on three categories: student performance on statewide tests; student attendance and dropout rates; and the percentage of each school's students taking the tests. Judging those factors in various ways, overall ratings are given to the schools: exceptional, strong, satisfactory, or unsatisfactory. (Complete reports on every K-12 school in the state are available on the ODE Web site at www.ode.state.or.us/ReportCard/)

The biggest complaint that critics level at the report card is the apparent errors in judgment caused by its heavy

emphasis on standardized test scores. Such scores, experts argue, are simply not the best indicators of learning.

"No one talks about how the students feel," says Tom Chenoweth, associate professor of education. Yet, experts generally consider student satisfaction to be critical in evaluating educational quality in a number of areas. In his classroom observations throughout Portland schools, Chenoweth says, even the students with high scores increasingly complain of too much time memorizing facts and techniques for taking the standardized tests used for state evaluations.

The new report card also does something that may confuse people, says Chenoweth. "Lakeridge High School earned a 'satisfactory' rating, yet it's sending students to Harvard," he says. "Other schools that only have 30 percent of kids reaching grade standard are rated 'strong' because they've improved their test scores over time."

What's a parent to do? Chenoweth suggests going to your child's classroom to look around. Talk to teachers and students, then ask yourself:

- Are the kids really learning?
- Are they working together?
- Are all the kids involved?
- Do they like going to school?
- Are the teachers working together or in isolation? (The newest approach has teachers working in teams for "inquiry" and problem solving.)
- Is there a "school vision" supporting policies and decisions at the school?

Back at the swimming pool that day, I decided to stand up to the snobby moms. "My kids' school doesn't have special programs," I said, "but everybody does a lot with what they've got."

Not the hippest response, but I'm satisfied. □

(Lisa Loving, a Portland freelance writer and mother of two, wrote the article "All the World's on Stage" in the spring 1999 PSU Magazine.)

If Sammy Sosa used a bat made by this Hillsboro manufacturer, he—not Mark McGwire—might be the current homerun king.

Of course, he'd probably be thrown out of the game.

DeMarini Sports wants to make sure its bats are good—but not too good—using a device developed by David Turcic, associate professor of mechanical engineering. But it's not the wooden bats used by baseball pros they're testing; it's DeMarini's aluminum softball bats that are on trial in Turcic's lab.

The PSU engineer is measuring the performance of these revolutionary bats using specifications that cover more than 15 pages of fine print. For the sake of preventing brain freeze, the specs can be boiled down to:

This “trampoline effect” gives aluminum bats much of their superior performance. DeMarini's double-wall bat had a sweet spot six times larger than other bats and a trampoline effect that hit performance levels out of the ballpark. These kind of design advancements are part of a chain of recent developments in the aluminum bat industry.

When aluminum bats burst onto baseball and softball diamonds in the 1970s, they improved performance slightly, but it was their superior durability that made them popular. Wood bats today cost about \$50 and aluminum \$180 to \$300, but aluminum bats last up to five times as long, making them cheaper in the long run.

stands the issue. (Coincidentally, DeMarini supplies free equipment to PSU's women's softball team.)

Softballs, Mariani says, are now made to be “livelier”—harder, that is—which, combined with ever-increasing improvements in aluminum bats, results in the ball coming off the bat at tremendous speed. Softball fields are smaller than baseball fields; after release the pitcher stands a mere 35 feet away from the batter and first and third base players are only 45 feet away during play. All of which makes the improved performance of the aluminum bat dangerous.

“A lot of times,” Mariani says, “the ball flies so fast, you don't even know it went by.”

The Science of Swat

Launch softball at precisely 88 feet per second. Ensure that the ball does not spin. Ensure that the ball's smooth surface—not the area with stitching—strikes a bat precisely in the “sweet spot” (softball-speak for the area that gives a hit the greatest distance). Measure the bat's horizontal rebound velocity. Develop whatever equipment you need to accomplish these things. Now go for it.

This is just the sort of challenge Turcic relishes. The challenge for DeMarini started years before.

In 1993 the company invented a double-wall aluminum bat that was so head-and-shoulders above the competition it was banned from sanctioned play. Hollow aluminum bats give under ball impact and spring back.

As metal bat technology progressed in the '80s and '90s, engineers adopted exotic materials and designs for greater swing speed, distance, and durability. Innovations have included bats with a pressurized air chamber; bats made from scandium, a rare and expensive metal used in Soviet aerospace; bats developed under the cryogenic process in temperatures as low as -300 degrees F to enhance quality and performance. There's even an aluminum bat designed to make a sound like the “crack” of a wood bat—not the unnatural sounding “ping” that most aluminum bats make.

However, such innovations proved a little too successful.

Teri Mariani, head coach of PSU's women's softball team, has played with wood and aluminum bats and under-

In 1997, a California youth was struck in the head by a ball hit from an aluminum bat. The ball fractured his skull, killing him. His death and injuries of others have persuaded several youth and semipro leagues to return to wood bats. Major league baseball has always stood by wood as a method to keep statistical comparisons on a level field.

Rules-making bodies of softball and college baseball grew increasingly concerned about the higher performance of aluminum bats, and outlawed certain improvements, such as titanium bats and DeMarini's double-wall bat.

The sporting goods industry argued that if the bats were too good, rather than ban them, the organizations should instead set regulating standards.

In time, the U.S. Slow-Pitch Softball Association, National Collegiate Athletics Association (NCAA), and American Softball Association (ASA) developed standards that call for a speed of not greater than 125 feet per second for a ball after it makes contact with the bat. This is known as the bat performance factor or BPF. The higher the number, the greater the performance. The BPF of a wood bat is 1; the allowed BPF for an aluminum softball bat is 1.2.

Ascertaining a new bat's BPF from the ASA test facility can take six weeks. Each time DeMarini came up with an improved bat design, the company had to send it out for testing

had to do was shoot a ball out of a cannon," says Turcic. "But it's quite an interesting challenge to do everything so precisely."

Graduate student Danny Lee began researching the project. Not wanting to reinvent the wheel, Lee spent three months researching patent files and examining recreational softball launchers. Nothing could meet the rigorous 15-page ASA standards. Since the standards were new, data was scanty. Companies that had developed the equipment, while willing to sell the entire test apparatus, were reluctant to share information.

Turcic and Lee turned to the drawing board. After considering various mechanical methods, they resorted to using an air-pressure cannon, but the

The second step of the process is to measure the ball's speed—a simple enough procedure accomplished with a pair of photo sensors.

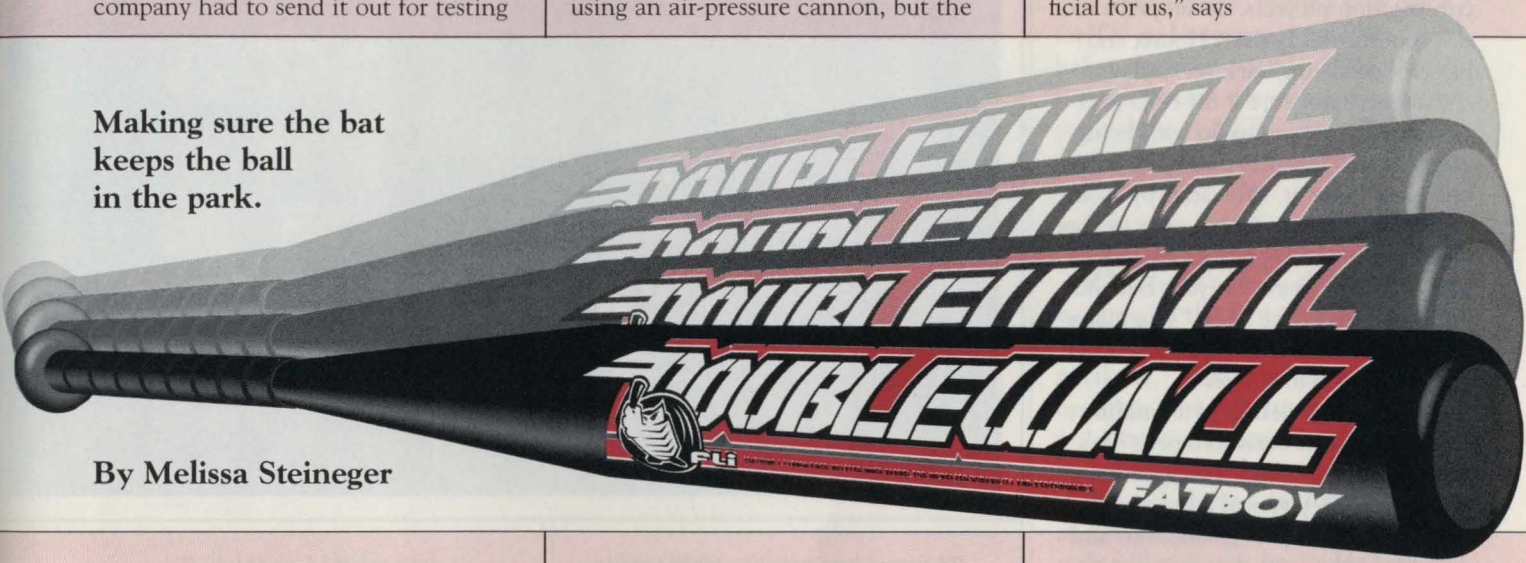
Finally, ball meets bat and the bat's speed of movement away from the impact of the ball is measured. That too, was a straightforward equation: a tachometer measures the velocity of the bat movement and displays that velocity as voltage. The amount of voltage translates to a specific speed.

With the challenge virtually met, a few problems were still being tweaked in March. Turcic expects to complete the test equipment this spring.

"This equipment will be very beneficial for us," says

Making sure the bat keeps the ball in the park.

By Melissa Steineger



to ensure that the tweak had not made the bat exceed standards. In the competitive arena of sporting goods, waiting six weeks for results on a good idea did not make for good business. DeMarini figured that having its own test equipment would allow the company to determine results as needed. Official certification would still go through an East Coast benediction.

Enter Turcic, who has been a mechanical engineering faculty member at PSU since 1990. With a \$34,000 grant—half from DeMarini and half from private matching funds of the Oregon Metals Initiative, an industry group—Turcic launched the project in June 1999.

"The project seemed like it would be simple, and it would be if all we

precision factor proved tricky. The first cannons produced too much spin and imprecise speeds. With Lee meticulously machining custom one-of-a-kind equipment, the pair enlarged the cannon's diameter and used a carrier to hold the ball. This kept it from spinning and had the advantage of being adjustable in size. A carrier could be sized to hold a baseball, tennis ball, or even golf ball for future testing needs. But the carrier fractured under the stress.

"We were always thinking things would be simpler than they were," says Lee. "It could take weeks to solve a little problem, and there was a new problem every week."

Eventually, though, they cracked the question of generating accurate propulsion.

Mike Eggiman, head mechanical engineer at DeMarini Sports. Buying similar test equipment would have been more expensive, Eggiman says, and the company felt good about providing an educational project at PSU.

Although the project took somewhat longer than Turcic hoped, he is happy with the result. "The hardest thing to convey is that we thought it would be easy, but it was hard," he says. "Still, in the end we were successful." □

(Melissa Steineger, a Portland freelance writer, wrote the article "Give and Take," which appeared in the winter 2000 PSU Magazine.)

(Illustration by Christopher Stine.)

NEW LIFE FOR

RESTORATION OF THE SIMON BENSON HOUSE IS A MOVING EXPERIENCE FOR DAVE KEMPER '75.

This is a great old house," says Dave Kemper '75, until recently supervisor for P&C Construction Company, the firm hired to bring the historic Simon Benson House to campus and complete its restoration.

Kemper, who usually manages new construction projects, developed a real soft spot for the Benson House, and has enjoyed being back on campus.

Kemper's not sure if his PSU grad status had anything to do with being assigned the Benson House job, but he's glad he got it. "You start by looking at the prints... you go over in your mind just how to approach it... and well, a project grows on you. But this one is different," he adds. "The material, the craftsmanship—you just don't find that much anymore."

Noticing the details of a building has pretty much been Kemper's life's work both before and after graduation. He majored in physical education, earning honors upon graduation, and then spent the next three years with the Oregon State Police. Fortunately for PSU, the smell of wood and sound of hammers was a bigger draw.

"I went back to construction. That's what I did in college," he explains. "I worked my way through—the Portland State way." On re-entering the field, he worked as a carpenter for several years, then moved up to supervisory work, which he thoroughly enjoys.

"It's fun," he says. "They pay me to spend other people's money, but they trust me to spend it wisely."

Kemper reports that the Benson House is sound. The only portion that needs rebuilding is the front porch. "It took a beating from the weather," he says, but it will look just like the original porch when finished.



The exterior siding is 100 percent cedar, top-grade, clear vertical-grain lumber from old growth timber. "That kind of siding today is hard to find and very expensive," he says. So finger-

joint lumber will be used when replacement is necessary. Kemper explains that this is made by gluing smaller pieces of clear cedar together, creating a longer board. When painted, it will blend right in with the original siding.

Kemper's concern for craftsmanship as well as cost containment endeared him to the Friends of Simon Benson House, the group heading the effort to save the 100-year-old home. He called on a number of suppliers and sub-contractors, asking them to make in-kind donations where they could, and the response was very positive. When thanked, he shrugs his shoulders. "It's just part of



Dave Kemper '75 until recently oversaw PSU's Simon Benson House project.

AN OLD HOUSE

BY JOAN JOHNSON



the job,” and then he adds with a chuckle, “well, maybe it had something to do with being an alum...”

Kemper is excited about preserving as much of the original beauty of the Benson House as possible. He is confident that most of the wood floors can be salvaged. “They used one-inch-thick lumber then, so we can sand them down and refinish them.” The elegant pocket doors, which were simply covered over when the house was turned into apartments, are also in good shape and just need refinishing.

The fireplace in the front parlor will be restored to its original condition, but the fireplace in the old kitchen had been painted over and there are no pictures to show how it once looked. “Kitchen fireplaces were

used for both cooking and heating back then, so it will be restored to what was typical for that era,” he says.

Then there is the handsome cherry wood wainscoting in one room on the main floor. Kemper was concerned that installing electrical outlets might damage the wood, no matter how carefully cutouts were made. “If it was accidentally damaged, there’s no way we could match it.” So the outlets will be set in the floor instead.

That’s just the kind of guy Kemper is. If you bring him a problem, typically he’ll push his hard hat back on his forehead, think for a moment, and then say, “Sure, we can work something out.” And typically, he does.

In fact, Kemper has been much more than a construction supervisor on the Benson job. In addition to drumming up in-kind donations, he’s also been a one-person public relations agency, answering questions from as many as 50 people a day who stop to look at the house, playing tour guide for TV and newspaper reporters. And he’s met weekly with “Handy Randy” Querin whose home improvement show on KOIN-TV will follow the progress of the Benson House.

Word that Kemper was leaving came as a shock to everyone working on the Benson House project. “I don’t like walking away from anything,” Kemper says, “but real opportunities only come along once or twice in a lifetime.” He recently accepted one of those opportunities with another construction company and, as a family man with three youngsters still at home, he couldn’t afford to say no.

So Dave Kemper put in his last day on the Benson House job on Friday, March 3, when the historic home was lowered onto its new foundation. But he’ll be back.

“I love that house,” he says. “I’ll be checking on her. I want to see how she turns out.” □

(Joan Johnson '78, a Portland freelance writer, is director of development for Friends of the Simon Benson House. She can be reached at 725-8209.)

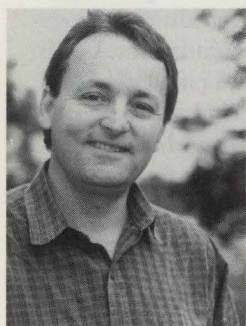
(Photographs are by Brent Schauer, PSU multimedia specialist, and house rendering is by Craig Holmes.)



A salute to Portland State's own

The success of the following outstanding alumni, faculty, and friends of Portland State was celebrated at PSU Salutes May 4. The event was sponsored by the Alumni Association, Viking Club, PSU Foundation, and the Office of University Relations.

Stephen Amen '86, best known for his role as the host of Oregon Public



Broadcasting's award-winning *Oregon Field Guide*, is this year's Outstanding Alumnus. As director of productions at OPB and a strong advocate

of education and community involvement, Amen is committed to producing programs that serve the needs of the metropolitan region. In addition to *Oregon Field Guide*, he has produced shows such as "Putting Education to the Test," "Financial Aid for College," "Kids Who Kill," and "The Oregon Story." Amen has long been a supporter of PSU, actively participating in PSU Weekend and serving on the Alumni Board and a marketing advisory committee. In the community he is active with the Little Angels Center, the Citizens Crime Commission Effective Incarceration Project, and the United Cerebral Palsy Association of Oregon and Washington.

Harry Carsh '65, Outstanding Friend of Athletics, has been a major contributor to the program's projects since 1990. The retired Nike executive has helped to build scholarship resources for student athletes and has provided leadership as a donor and volunteer in the creation of PSU's Community Recreation Field. Even though he and his wife, Gwen, now live in Scottsdale, Ariz., he continues to serve on the Campaign for Athletics cabinet where he actively encourages others to join him in creating new opportunities for

PSU students. Why does he support athletics? Playing sports, he says, "teaches you things about life and about winning and losing, that are just as important as academics."

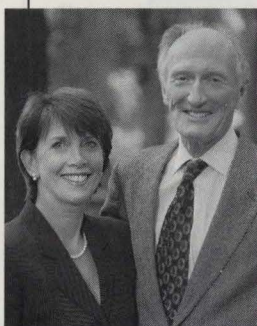
Julie Strasser Dixon received the President's Award for University



Advancement. Dixon, co-author of *Swoosh: The Story of Nike and the Men Who Played There*, is committed to supporting other aspiring writers. She's the founder and major benefactor of PSU's newly

launched Center for Excellence in Writing. In addition, she serves on the PSU Foundation Board and on the advisory board for the College of Liberal Arts and Sciences. Dixon sees herself as an ambassador for the entire University. "Julie's passion, connections, vision, and generosity make her one of the most delightful volunteers I have ever been privileged to work with," says Paul Golding, director of Development for the College of Liberal Arts and Sciences.

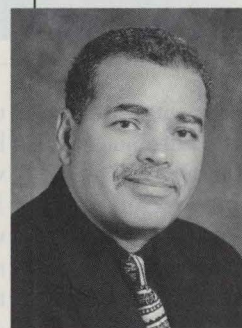
Tom, Diane '82, and Barbara Mackenzie earned the President's



Award for Outstanding Philanthropy. In 1997 Tom, his wife, Diane, and Tom's mother, Barbara, established the Mackenzie Family Scholarship for

returning women students. All three share a deep belief in the importance of access to higher education for women. Diane was a returning woman student herself, and Barbara was one of the rare women who attended college in the 1920s, earning a teaching certificate. Tom Mackenzie's involvement with the University dates back to the early 1960s. The founder of the structural engineering firm Group Mackenzie, he has served as an instructor, committee chair, board member, and benefactor to the School of Engineering and Applied Science. Diane Mackenzie remains an active member of the PSU Foundation's Diversity Scholarship Committee.

Darrell Millner, professor of black studies, received the Alumni

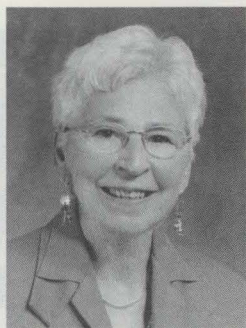


Association's 2000 Distinguished Faculty Service Award. Millner has a distinguished career in black history and culture that he shares, not only with his students and colleagues, but also

with the community through lectures, articles, books, and his collection of visible symbols of American racism. A student put it best when he said, "Dr. Millner has demonstrated a boundless passion to teach the truth about Africans and African involvement in American history." A faculty member for more than 25 years, Millner served as chair of the Black Studies Department from 1983 to 1994. He is also actively involved in community organizations including Self Enhancement

Inc., the National Black Ethnic Collectibles Association, the National Social Science Journal, the Oregon Historical Quarterly, and the Oregon Black History Corporation.

Maxine Thomas MST '71, professor emerita and long-time PSU supporter,



is this year's Outstanding Alumna. She is active in professional and civic organizations including the Peace Corps; Portland Public Schools; Oregon Alliance of

Health, Physical Education, Recreation and Dance; and the Governor's Council for Health, Fitness and Sports. While pursuing her degree at PSU, she organized the local chapter of Kappa Delta Pi, an honorary student organization that remains strong today. A colleague described Thomas as "Ms. Health and Physical Education of Oregon." Today, she substitutes in Portland Public Schools, teaches health method classes at PSU, and is helping to write the Graduate School of Education's history while she awaits her next Peace Corps assignment.

Fourth alumni scholar graduates this June

Makenzie Lystrup, physics student and snowboarder extraordinaire, will graduate from PSU in June after completing her bachelor's degree on a Jane Wiener Memorial Alumni Scholarship. The scholarship, sponsored by the PSU Alumni Association, provides full tuition and fees for the child of an alum for up to four years. She is the fourth student to graduate under the award.

Lystrup started at PSU as an English major, but quickly rediscovered her love of science. According to Jack Semura, professor of physics, Lystrup thinks like a scientist. "She is the closest person I've ever seen to being a natural born scientist," he says.

Lystrup's passion for science has paid off. In addition to the alumni scholarship, she received a NASA Oregon Space Grant Scholarship for undergraduates, an Oregon Laurels Scholarship, and the Outstanding Junior Physics Student Award. She has also been a lab and teaching assistant for the Physics Department and was a summer research assistant at the National Radio Astronomy Observatory at Socorro, New Mexico.

As a requirement for the Jane Wiener Scholarship, recipients partici-

pate in community service. Lystrup worked at OMSI on physics and astronomy education programs for children, and served as a volunteer lecturer at middle schools.

Lystrup's immediate future is graduate school; her PSU professors expect big things from this superachiever.

Applications for the Jane Wiener Memorial Alumni Scholarship for children of PSU alumni are now being accepted in the Alumni Office. Application packets can be requested by calling (800) 547-8887 ext. 4948 or (503) 725-4949 or by visiting the office at Room 1, Cramer Hall, 1721 SW Broadway.

Alumni travel abroad

The PSU Alumni Association is offering five more travel opportunities for the year 2000:

- | | |
|------------------------|--|
| May 15-31 | History cruise to Scandinavian capitals and St. Petersburg, Russia |
| June 5-13 | Study program based in Ubeda, Spain |
| Aug. 20-Sept. 1 | Land/River Cruise, Rhine River and Oberammergau |
| Sept. 13-22 | Study program based in Poros, Greece |
| November 1-21 | Yangtze River cruise/land tour of China |

Call (503) 725-4949 for details, or visit the PSU Alumni Association Web page at www.alumni.pdx.edu



Come back to campus for alumni gatherings, free seminars, a national speaker, and Viking Homecoming Night. Watch your mail for details. □

Alumni, do you have a son or daughter attending PSU?

Did you know there's a special scholarship available just for children of alums?

Call (503) 725-4949 to receive a copy of the Jane Wiener Memorial Alumni Scholarship application for children of alumni. This full tuition scholarship will be awarded for fall 2000. Applications are due in the Alumni Office by May 8. To be eligible an applicant must:

- be the child or stepchild of a PSU graduate
- be enrolled as a resident undergraduate
- have a 2.5 cumulative GPA
- demonstrate community service involvement

Along came

By Robert Gill

June Jones brought the forward pass to the islands.

June Jones surprised the sports world when he turned down a lucrative coaching offer with the San Diego Chargers for the opportunity to take over one of college football's poorest performing teams.

Prior to the 1999 season, the University of Hawaii Rainbow Warriors had lost 18 straight games, the longest losing streak in the country. There was virtually no hope: most starting players from that team were returning, and those starters didn't appear to be very good.

With a lot of 12- to 14-hour workdays, Jones and his staff revived the Warrior football program in just one season. The magnitude of the turnaround—from no wins in 1998 to nine in 1999—is measurably one of the biggest in the history of NCAA football.

The man who saved the Hawaii program is the same June Jones who, 24 years ago, as an itinerant quarterback, helped coach Mouse Davis save a faltering Portland State football program.

In 1975, Jones, a victim of coaching changes at two universities, was disillusioned with his playing career. His aspirations to be a pro player dimmed. Married with a child, he needed to get on with his life. "Football hadn't worked out for me," remembers Jones. "It was time to return to Portland to finish my education at Portland State and enter the family business."

But one more football opportunity presented itself to Jones.

Portland State's football program was under pressure to succeed or face elimination when President Joseph Blumel hired Mouse Davis, a master of the "run-and-shoot" passing offense, as its coach. Davis, discovering Jones enrolled at PSU, immediately coaxed

him to turn out for football. It was a good fit for both, and the rest is PSU football lore. Jones became the school's first All-American player, and Portland State saved its football program.

Still loyal to PSU, Jones surfaced again last year when he negotiated a game in Hawaii with the Vikings on Sept. 9. "It should help PSU both financially and with their recruiting," says Jones.

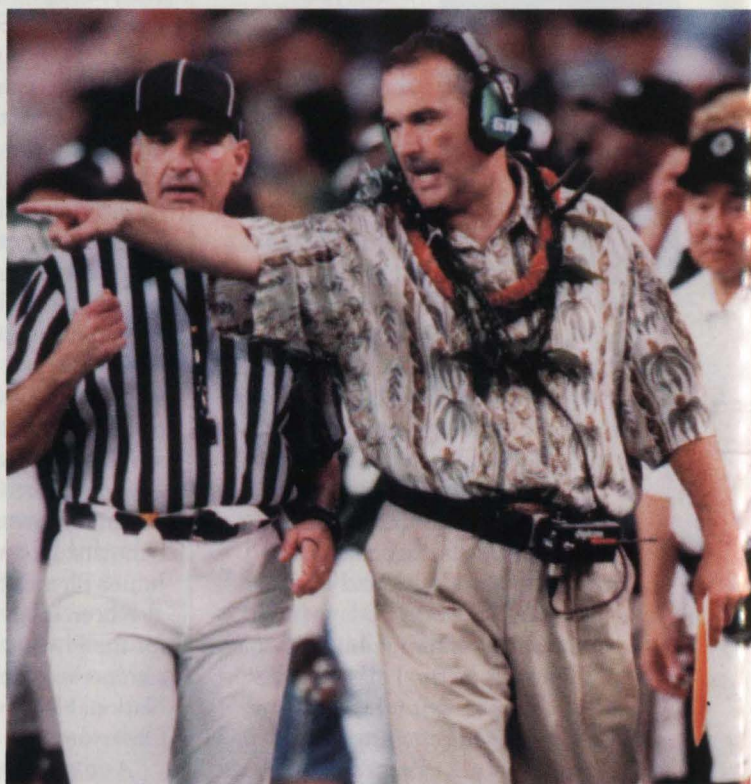
"I thought it was a good schedule when we made it last year," says PSU head coach Tim Walsh. "But after the success they've had, I'm not so sure."

Walsh is right to be concerned. In 1999, the Rainbow Warriors shared the Western Athletic Conference (WAC) championship. *Sporting News* and *CNN/Sports Illustrated* honored Jones as coach of the year, and with Hawaii's pride restored, Jones became the most popular person in the Islands.

"It was a miracle season that could never happen again," marveled Jones after his Hawaii football team upset the Oregon State Beavers 23-17 in the 1999 Jeep Oahu Bowl on Christmas day.

Jones, a proponent of the forward pass admits, "Our system allows the kids to compete against teams that probably are better than we are. We spread it out, run 20 to 25 times a game and throw it 50 times."

He taught senior quarterback Dan Robinson the offense in just six



Coach June Jones, a PSU football sensation in the mid-1970s, has performed miracles for the Hawaii Warriors.

months. Robinson led the WAC in total offense and set or tied 42 school records.

We built confidence, camaraderie, gave them things to believe in, and good things happened," recalls Jones.

"Historically, everywhere I've been, this has happened. When I went to the Oilers and the Lions, in a very short period of time we were in championship games because of what we did offensively."

It's no accident that Jones was successful in his first year as a college coach. He came well-prepared.

Before he could graduate from PSU, Jones was drafted by the NFL Atlanta Falcons. He played five years

Jones . . .

as backup for star quarterback Steve Bartkowski.

After a brief stint as an assistant coach under Dick Tomey at University of Hawaii, Jones spent the next 14 years in the pros. All plans to enter the family investment business were abandoned.

For two years Jones coached wide receivers with the Houston Gamblers in the United States Football League under Jack Pardee. He took his first job as offensive coordinator for the Denver Gold under former college coach Mouse Davis in 1985 before moving to the Canadian Football League where he became an offensive assistant with the Ottawa Roughriders. Finally Jones got his first shot at the National Football League in 1987 with the Houston Oilers. In 1989, he was hired by the Detroit Lions to put in a passing offense.

In 1991 Atlanta Falcons' coach Jerry Glanville hired Jones as his offensive coordinator. Three years later, the Falcons named Jones their head coach. His tenure ended in only three seasons, but not before he led them to the NFL playoffs in 1995.

Jones has a passion for coaching young men with the hope of impacting their lives in a positive way. But in the past few years the professional game started to sour for him. There was a lack of respect from two malcontent quarterbacks (Jeff George in Atlanta and Ryan Leaf in San Diego) that bothered him. "The pros have changed in the last four or five years," Jones says. "You can't influence those guys anymore in any direction. They pretty much know more than you do."

The 1996 year was tough for Jones. He was fired by the Falcons about the same time his wife, Diane, was diag-

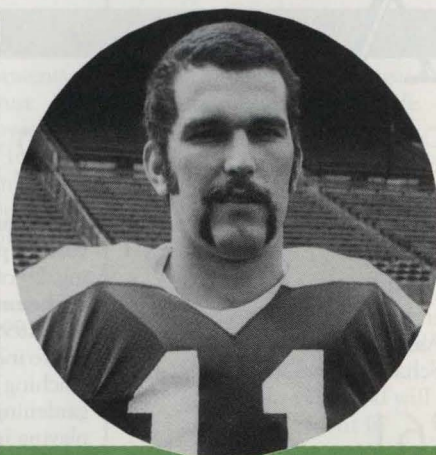
nosed with cancer. He took a year off while Diane went through treatment. During that period, Jones assessed his life priorities. The dream to return to Hawaii to finish out his career began to come into focus.

In 1998 Jones moved to San Diego to be the quarterback coach of the Chargers. After six games he replaced Kevin Gilbride as the interim head coach. Jones did a credible job and was offered contracts by both the Chargers and the University of Hawaii. The decision to go to Hawaii stunned everyone except his friends.

Diane's cancer is now in remission. "She's doing great," says Jones. "She ran the Honolulu Marathon last summer."

Today, Portland State University is just as proud of the accomplishments of its distinguished alumnus as it was in 1976 when he was honored as the school's All-American quarterback. Meanwhile, the 2000 Viking football team looks forward to meeting him on the field in September. □

(Robert Gill is a dentist in Portland and a sports historian. He is author of the self-published book, It's in Their Blood, sketches of 53 Oregon football coaches and their legacies.)



June Sheldon Jones III

Born: February 19, 1953, in Portland

Married: Diane Herried

Children: Jenni, Kelli, Nikki, and June IV

Education: Grant High School (graduated 1971); University of Oregon, University of Hawaii, Portland State (1975-76); earned degree through NFL degree program at New York State Regents College

Pro Football: NFL Atlanta Falcons 1977-81

Assistant Coach: Hawaii 1983, Houston Gamblers 1984, Denver Gold 1985, Ottawa Roughriders 1986, Houston Oilers 1987-88, Detroit Lions 1989-90, Atlanta Falcons 1991-93

Head Coach: Atlanta Falcons 1994-96, San Diego Chargers (interim) 1998, University of Hawaii 1999-

Named to PSU Hall of Fame 1997

Join the Vikings in Honolulu Sept. 6-11. Get in on round-trip airfare, a five-night stay, and fun and educational activities. The Alumni and Athletics offices are planning a tour of Pearl Harbor and a cocktail party on U.S.S. Missouri,



a round of golf with PSU President Dan Bernstine, a geological tour led by Professor Scott Burns, and a tailgate party before the 6 p.m. Saturday game. Call (503) 725-4949 for details or visit the Web site www.goviks.com.

ALUM NOTES

Compiled by Myrna Duray

'60

Dr. Bill Scharwatt is an endodontist with Endodontic Associates in Portland. Scharwatt lives in Lake Oswego.

'61

Dr. David Durfee is an assistant clinical professor of ophthalmology at Oregon Health Sciences University and a practicing ophthalmologist in Portland. Durfee will present "The Rise and Fall of PPMCs: An Insiders Perspective" at an Eye Care in the New Millennium Symposium at the University of Missouri-Kansas City in May.

'62

Art Bervin writes, "After 35 years of post-secondary teaching, 29 of them at Linn-Benton Community College, I retired in June 1999. My agenda for the future includes some part-time teaching and mentoring, gardening, reading, writing, playing in a community orchestra, and traveling. My first major trip will be to Senegal to visit my daughter Kathryn, a missionary there."

'65

Brother Elia, formerly Frank Beaver, lives in a community in Latrun, Israel, and is a member of the Brotherhood of Jesus.

Brother Elia also practices the ancient art of iconography, creating religious icons for veneration and worship.

'66

Ron MacKay retired after working 32 years for General Electric, most recently serving as area sales manager. MacKay is also a retired Army Reserve lieutenant colonel. He lives in Hillsboro.

Janice Yaden traveled to Istanbul, Turkey, to assist the relief agency, Mercy Corps International, following the aftermath of the two 1999 earthquakes. Yaden speaks Turkish and served as liaison between government officials and other nonprofit organizations. Now retired, she formerly worked as a

health care consultant and as assistant for social services for former Gov. Neil Goldschmidt. She lives in Lake Oswego and continues to volunteer for American Field Service and the Portland Sister City program.

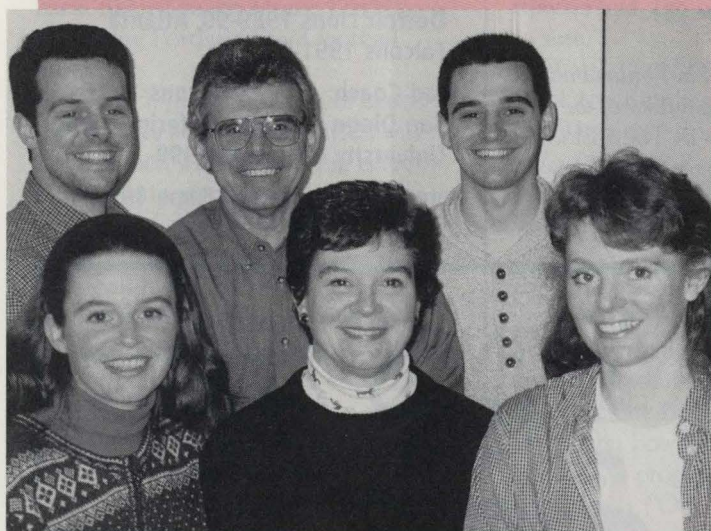
'68

Marv Slifman is a PCB designer with Celestica Oregon, an electronics manufacturing firm in Milwaukie.

'69

Rex Amos is an artist whose collage and chine collé works were exhibited in a show titled "Inaccroachable" at the Cannon Beach Gallery in January.

The path from PSU's Engineering School to Intel's corporate headquarters is nothing but solid state for the Hotchkiss family. **Loren Hotchkiss '69** and his wife, **Martha Hotchkiss '72**, have seen three children graduate from the School of Engineering and Applied Science. Their last, **Paul Hotchkiss '00**, will finish in June. All are employed by the local high-tech giant.



All alumni and almost all computer science engineers, the Hotchkiss family is a PSU family. Pictured here back row (left to right) Chris, Loren, and Paul; front row Deanna, Martha, and Michelle.

Deanna Hotchkiss Agostinelli '88 and **Michelle Hotchkiss Sunderland '91** work in the same microprocessor circuit design group at Intel, while brother **Loren "Chris" Hotchkiss '94** checks their work in quality and reliability. Paul, interning in microprocessor circuit design, hopes to join Intel full-time after graduation.

Loren, owner of a software development and consulting company, and Martha, a former math and history teacher at St. Mary's Academy, encouraged their children early on to pursue opportunities in the expanding field of engineering. Consequently, all four children took calculus classes at PSU while still in high school.

"Math was never my favorite class—Paul and I have always been into art. But, we realized that you have to get through the math to reach its creative applications, like circuit design," says Deanna. "And having so many older and nontraditional classmates at PSU, many of whom already knew how to use the lab equipment, challenged us to excel."

Deanna and Michelle also tout the benefits of engineering for women—equitable pay and working with cutting edge technology. Both actively network with other women engineers at Intel, who constitute less than 20 percent of the vocation's workforce.

Hotchkiss family members, residing in northwest Portland, still make time for one another outside of work. Yearly vacations now include Michelle's children, who are five and three, Deanna's toddler, and Chris's baby boy—none of whom are ever likely to confuse an engineer with someone who drives a train. —J. David Santen '99

'70

Chuck Hoffman is president and owner of Hoffman Instrumentation, a manufacturing firm in Hillsboro.

Raymond Maddix is a vice president with U.S. Bank. Maddix lives in Vancouver, Washington.

'71

Christopher Howell MA won a Pushcart Prize this year for his poem "A Party on the Way to Rome." The poem appears in *The Pushcart Prize XIV: Best of the Small Presses*, available in bookstores. This is the second time his work has been so honored. Howell lives in Spokane where he is director of Eastern Washington University Press.

Chuck Newport is president of Construction Management Services, Inc., in Sisters.

Daryl Robison is a second-generation cranberry grower. Robison formerly was employed by Coors-Curry Electric Cooperative for 22 years. He lives in Sixes.

Carol Rudy MST retired from Grant High School after 31 years. Rudy taught social studies and served as activities director.

Les Schwartz is the buyer at Electromatic, an electronic repair firm in Portland.

'72

Penny Amy is professor and director of biotechnology programs at the University of Nevada-Las Vegas.

Jan Deardorff MS is the library media coordinator for the Corvallis School District K-12.

John Mollan MS retired in July after teaching elementary school in the Evergreen School District in Washington for 30 years. Mollan wrote *Thirty Years by the Chalkboard: Some Irreverent Observations on Education*, published by Educational Passport Options. He and his wife, Donna, live in Vancouver, Washington.

Elizabeth Mongue is a book-keeper with Portland Public Schools.

Dan Wilcox is a partner in the CPA firm of Mackey Kuenzi Wilcox & Company in Canby.

'73

Jim Coleman serves as county counsel for Clackamas County and represents the county in civil matters. He previously was with Ramis Crew Corrigan & Bachrach LLP providing legal services to municipal clients.

Brian Cone is a field services supervisor and industrial project manager with Oregon Analytical Laboratory, an environmental analysis firm in Beaverton.

Kathleen Jackson is senior vice president and director of the personal trust and investments group at the Chicago Trust Company. Jackson has over 20 years' experience in the investment management community. She lives with her husband and two children in Naperville, Illinois.

Deborah Pienovi is principal and tax department director at Perkins & Company PC in Portland.

'74

Greg Avison MBA represented PSU at the January inauguration of **Larry Large '64** as president of Oglethorpe University,

Atlanta. Avison works for CAP Gemini America, an information technology and management consulting company. He lives in Smyrna, Georgia.

Kathryn Baker-Katz is a GIS technician with the U.S. Forest Service Deschutes Ranger District in Sisters.

Steve Pfaff is a loan officer for Community Mortgage in Keizer. Pfaff has been involved with the Keizer Chamber of Commerce eight years and will serve as board president in 2000.

Linda Wright-Smith is a professor of multimedia design at the University of Cameron in Lawton, Oklahoma.

When **Susie Goldsmith '75, MSW '77** purchased a Long Beach, Washington, bed and breakfast in 1996 with partner Bill Verner, she found her new endeavor just as demanding as her social work career. Along with the substantial upgrades that the Boreas Inn (www.boreasinn.com) needed, the sale of her business, Health Access, fell through, forcing a two-hour commute from Portland to Long Beach several times a week.

Hard work, however, has paid off. Goldsmith sold her other business in 1998, the inn remodeling is complete, and occupancy levels have doubled since 1997. Awards and positive customer feedback also help counter grueling 14-hour days, seven days a week.

Comparing her new profession to social work, Goldsmith says, "It's nice to have clients here because they want to be, not because it was mandated. With beautiful ocean views, gourmet three-course breakfasts, complete concierge service, and lots of brownies—people are happy to pay the bill and come back again."

Goldsmith still maintains ties to PSU, where her family has quite a legacy. "Between my mother, Mike, and me, we had five PSU degrees. My father, Gerson, was the lawyer brains behind the establishment of Portland Student Services, and I'm involved in the Mike Goldsmith Scholarship selection process when it comes up every couple of years."

Goldsmith would like to do more lecturing on entrepreneurial social work, which encourages the application of social work training in nontraditional settings, such as the private sector. "I think a lot of people go through social work programs with an altruistic attitude, and never consider that



their skills are worth charging for." Goldsmith herself provides a bargain service these days: a night at the Boreas Inn equals the fee she used to charge for one hour of therapy. And once a social worker always a social worker—a sympathetic ear comes with the room. —J. David Santen '99

ALUM NOTES

'75

Gerald Hubbard is vice president and director of corporate services at Van Kampen Investments, Inc., in Oakbrook Terrace, Illinois. Hubbard previously was director of facilities at Chicago's Museum of Science and Industry.

Tim Hibbitts is a partner at Davis & Hibbitts, Inc., a public opinion and market research firm that provides data with practical applications for planning and decision making. Hibbitts lives in Portland.

'76

Dr. Charlene Wyland is a physician and co-owner of the Summit Medical Group. Wyland formerly was affiliated with Providence Medical Center in Milwaukee.

'77

Stephen Jenkins is general manager at Trader Publishing Company in Seattle.

'78

Steven Christenson is president of BEC, Inc., (Beaver Engraving Company) a manufacturing firm in Portland.

Peter Clark MST, MEd '89 is vice principal at Cedar Park Middle School in Beaverton. Clark was chosen for the national Vice Principal of the Year award in January. He has been with the Beaverton School District for 11 years.

David Goss is the coating superintendent at West Linn Paper Company. Goss writes, "...involved in the pulp and paper industry since graduation. Currently the manager of coating production for coated paper manufacturer..."

Julie Huisman is president at Huisman & Associates PC, Inc., in Beaverton and an affiliate with the information technology group of Isler Consulting LLC. Huisman also is the

2000-2001 president-elect of the Oregon Society of Certified Public Accountants.

Meredith Skaer is retired from the Bonneville Power Administration. Skaer is a self-employed consultant for BPA and lives in Vancouver, Washington.

'79

Marc Goldberg MBA is



communications director at eVineyard, an online wine retailer offering domestic and imported wines, glassware, and

accessories. Goldberg formerly was director of the advertising management program at Portland State, directing the National Student Advertising Competition team.

Gregory Lee MSW, PhD '97 is the principal with Lee Consulting Group, focusing on organizational improvement, strategic planning, and applied research for healthcare and public sector organizations. Lee's dissertation investigated mergers and change in healthcare and the implications for employee loyalty and satisfaction. He lives in Portland.

Jeff Smith is the collections manager at the Columbia River Maritime Museum in Astoria. Smith formerly was executive director at Clatsop County Historical Society.

'80

Dr. Christine Portland is a licensed psychologist practicing at the Clackamas County Mental Health Center in Marylhurst. Portland resides in Keizer.

'81

Diane Saunders is vice president of communications and public affairs with the Nellie Mae Foundation, a foundation focused on improving higher education access. Saunders manages foundation communi-

cations, support grant programs, and is involved in policy development and research studies. She lives in Milton, Massachusetts.

'82

Michael Dement is a business navigation specialist with Parrott Partnership, L.L.P., a consulting firm in Portland.

Valerie Fouquette is director of professional and organizational development at Blue Mountain Community College in Pendleton.

Dr. Maureen Wright is an internal medicine physician with Kaiser Permanente Northwest in Portland.

'84

Jean Armstrong MBA is president at Armstrong Kendall, Inc., a public and investor relations firm in Beaverton.

Catherine (Emmerson) Clark is an artist whose work was featured in the winter edition of *Northern Journeys*, an arts magazine. Clark is now pursuing three-dimensional assemblages and also works with the developmentally disabled. She writes, "I minored in art and benefited greatly from PSU's Art Department." Clark lives and works in Clark Fork, Idaho.

Daniel Goff is an electronics engineer with the Naval Facilities Engineering Service Center (NFESC), which provides engineering services to the Navy and Marine Corp involving shore and ocean facilities. NFESC does research, design, testing, and evaluation and is involved with extending the life of waterfront facilities, improving the operation and safety of ship support systems, saving energy and enhancing the Navy's ability to meet environmental constraints. Goff lives in Port Hueneme, California.

'85

Rob Holstrom MST is athletic director at West Linn High School.

Steven Neighorn is president of SCN Research, a computer consulting firm in Tigard.

Ruth Sandoz is office manager at Ralston Architects in Beaverton.

'86

Lisa Abramson MS '91 is a speech professor at Western Oregon University in Monmouth. Abramson also is a certified personal trainer at the Courthouse Athletic Club in Salem and trainer for Salem's Team Diabetes, which went to the Maui Marathon in March.

Michael Bean MT is a tax accountant for Welch & Forbes, a fiduciary and trust company in Boston's financial district. Bean specializes in trust, estate and individual taxes.

Thomas Cline is a primate technician III and lead technician with the Oregon Health Science University west campus in Beaverton.

June Harper MA is a classroom instructor in the English as a second language program at Columbia High School in White Salmon, Washington. Harper and her husband, Steve, have eight-year-old twin daughters and live in Parkdale.

Eric Olson MBA is associate professor and serves as head of the marketing, strategy, and international business department in the college of business at the University of Colorado at Colorado Springs. Olson was the recipient of the outstanding faculty member award for 1998-1999 and outstanding intellectual contribution award for 1997-1998 in the college of business.

Jill (Pfeifer) Miller writes, "I am no longer a part of the business world...Received my teaching credential eight years ago and teach at Talbert Middle School in Huntington Beach, California. I teach sixth grade math, science, and history and seventh grade math."

Patrick Sunset owns Artworks, a poster, print, and frame shop in Seaside.

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ALUM NOTES

David Swanson is director of college development at Warner Pacific College in Portland. Swanson and his wife, **Eunice '98**, live in Beaverton.

'87

David Buettner is a shareholder at DiLorenzo, Hess & Company, a Beaverton CPA firm. Buettner manages the accounting and audit practice and has been with the company eight years.

Steven Coon is a hardware manager with Intel, a computer and electronics corporation. Coon lives in Beaverton.

Patricia Drake is a senior environmental engineer at Freightliner Corporation in Portland.

Gail Dundas is a senior community relations specialist at Intel Corporation in Hillsboro. Dundas is immediate past president of the Public Relations Society, Portland chapter, board of directors.

Tom Griffith is senior vice president and CFO at Columbia Credit Union in Vancouver, Washington.

Margaret Reynolds MS is an occupational therapist with Olsten Health Services, a home health care provider in Tacoma, Washington.

'88

Colleen Atherton is a relationship manager at MarketFitz, Inc., a Portland marketing firm.

Bennett Hall is a business reporter and editor for the *Gazette-Times* in Corvallis. Hall has been with the newspaper since 1996, and formerly was managing editor of *The Business News* in Eugene. While at PSU, he was the *Vanguard* editor.

'89

Craig Gilbert has joined the PSU Alumni Board of Directors. Gilbert is security supervisor at LSI Logic in Gresham.

Lisa Massena is vice president of marketing at mPower, a provider of online retirement investment advice. Massena formerly was co-founder and principal at Arnerich, Massena & Associates in Portland.

Dr. Theresa Monteverdi is a treatment coordinator with the Native American Rehabilitation Association (NARA), a drug and alcohol rehabilitation program in Portland.

Bergen Peterson MBA is vice president of information technology services and CIO for Columbia Credit Union. Bergen previously was communications and business development manager for Assessment Training Institute. She lives in Vancouver, Washington.

Michael Rath is commercial group controller at SLC Technologies, Inc., in Tualatin.

Jon Savidge is a business systems analyst with Fred Meyer, Inc., in Portland.

'90

Ken Hart is director of operations with the American Red Cross Oregon Trail Chapter. Hart previously was assistant director of housing operations for the city of Portland. He and his wife, Sheila, and their two children live in Milwaukie.

Rick Hohnbaum MPA is the Falls City city manager. Hohnbaum previously worked for United Parcel Service for 18 years and served as city manager in Irrigon, as well as interim city administrator in Scappoose.

Blake Patsy is an engineer at kpff Consulting Engineers in Portland.

Daniel Withers is regional account manager with Hu-Friedy Medical, a surgical instruments manufacturer. Withers lives in Phoenix, Arizona.

'91

Jeffrey Duerr MS is an assistant professor of biology at George Fox University in Newberg.

Kathleen McGregor MAT is a Spanish instructor at Columbia Gorge Community College. McGregor lives in Hood River.

Kurt Van Orden is a sales representative for LeDuc Packaging. Van Orden lives in Vancouver, Washington.

'92

Jim Ford is vice president of sales at Rogue Ales in Newport. Ford formerly was the national sales manager at Widmer Brothers Brewing Company.

Kathy Hudson Kerns is a vendor contract manager (employee benefits) for Weyerhaeuser, a forest products firm in Tacoma, Washington.

Alex Melkomukov provides technical services for Navi.net (GCN Communications), an Internet service provider. Melkomukov lives in Portland.

Joseph Schneider is an officer with the Bend Police Department. Schneider previously was a Multnomah County deputy sheriff.

Rev. Bryan White is the minister at Washougal United Methodist Church in Washougal, Washington.

'93

Shareefah Abdullah is the media relations manager at the American Heart Association, Northwest Affiliate. He lives in Vancouver, Washington.

Anne Anderson MS is a project manager with Structural Systems Consulting Engineers in Portland. Anderson's experience includes building design, retrofit, and investigation work. She lives in Vancouver, Washington.

Mark Conachan is art director with HMH Advertising & Public Relations in Portland.

Mel Fuentes is a plan consultant at Cascade Pension Services, L.L.P., a retirement plan administration firm in Portland. Fuentes formerly was a senior consultant for employee benefits at Deloitte & Touche.

'94

Cheryl Grochau MBA is the wealth track operations supervisor with Copper Mountain Trust. Grochau lives in Troutdale.

Mary Klick MAT teaches Spanish at West Linn High School. Klick previously taught in Estacada, Lake Oswego, and Tigard.

Roberta Pfingsten is a payroll accounting supervisor with Vancouver School District 37. Pfingsten lives in Battle Ground, Washington.

Christopher Vornig is president and owner of Vornig, Inc., a mobile automotive painting firm in Gresham.

Ted Young is an equipment engineer at Wacker Siltronic Corporation in Portland.

'95

Cynthia Thia (LaMarche) Gavioli is a registered financial associate with A.G. Edwards & Sons in Portland. Gavioli writes that she has been married to Douglas Gavioli for three years and formerly was an English as a second language teacher.

Marc Kottler is a special education teacher with the Yamhill Education Service District. Kottler lives in Tualatin.

Mei Lee is a financial and accounting analyst at Standard Insurance Company in Portland.

Charlene Mashia MT left her position as property accountant at PacifiCorp to start her own ethnic talent agency, Brown Sugar & Spice Talent Management. The agency has established a niche in helping to cast Asian, black, and Hispanic models for local and national companies. Mashia lives in Portland.

David Minato is a corrections deputy with the Multnomah County Sheriffs Office. Minato lives in Portland.

Jeanie Rea is a certified public accountant with Guyer, Lindley, Bailey & Martin in Baker City.

Ward Weathers writes, "...finished my master of science in electrical engineering from Tufts University and accepted an engineering position at Corning-Lasertron of Medford, Mass., manufacturer of lasers for the telecommunications industry."

'96

Thomas Braibish is a staff engineer at Geotechnical Resources in Portland. Braibish provides field observation services for the vibro-densification and vibro-replacement soil improvements at the U.S. Gypsum site in Rainier.

Jeffrey Edmunds is a graduate student teaching undergraduate mathematics courses at the University of Arizona in Tucson. Edmunds received an award in 1999 for outstanding teaching by a graduate teaching assistant.

Steve Ferrarini MURP is a partner at Hobson Johnson & Associates, a land use planning firm in Portland.

Marshal Jevning is the coordinator of minority recruitment in the PSU Admissions office. Jevning has been accepted to the University of Oregon law school and will attend in the fall.

Jeannie McKiernan MS is a special education teacher with the Hillsboro School District. McKiernan lives in Forest Grove.

Donna McMorine MS '98 is an audiology staff member with the Eugene Hearing and Speech Center in Eugene.

Clifford Menting is assistant deputy director of public works for the city of Manitowoc. Menting lives in Little Chute, Wisconsin.

James Pittman is owner and manager of Custom Made Construction & Woodworking, L.L.C., a construction and contracting firm he founded in 1998. Pittman lives in Tillamook.

Stephanie Porter is a senior technical recruiter with Professional Data Exchange in Seattle.

Michelle Starke is director of the Seaside High School drama department.

Linda Tsai is a certified public accountant with McDonald, Jacobs, Marks, & Johnson, an accounting firm in Portland.

Roberta Ulrich MA is author of *Empty Nets: Indians, Dams and The Columbia River*, published

by Oregon State University Press. Ulrich was a reporter for United Press International and *The Oregonian* and is a former president of PSU's Friends of History group.

David Walker is the member services director for the Alaska Club's east and Eagle River locations in Anchorage, Alaska. Walker manages and trains staff to integrate new members into the health club. He formerly was a personal trainer in Portland.

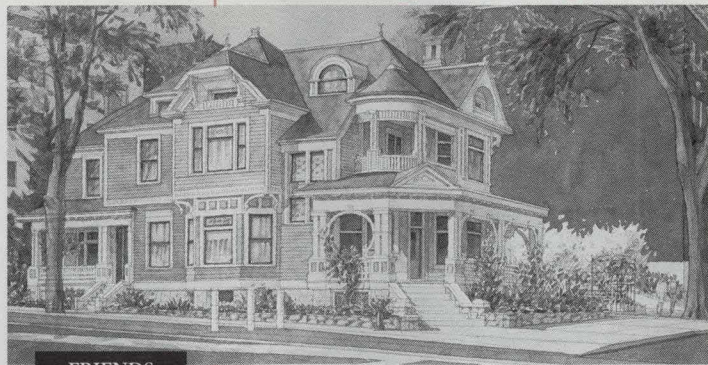
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SIGNATURE _____

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ALUM NOTES

'97

Joshua Adams is a law student at the University of Oregon in Eugene.

Kristine Carico is a special events coordinator with the Portland Rose Festival Association.

Bernadine Moore is an advertising sales assistant with *The Daily Astorian* in Astoria.

Laura Russo is a project manager at channel6000 (KOIN TV's Web site). In February, she married Robert Norris. They honeymooned in Portugal for three weeks.

Rebecca Stamps MBA is a training and skills development specialist with Agilent Technologies in Ft. Collins, Colorado.

'98

Franco Albi MS '99 is a designer at Degenkolb Engineers, a consulting engi-

neering firm in Portland. Albi is working on seismic evaluations nationwide for the U.S. Department of Veterans Affairs.

Nathan Parker is the band director at Rainier High School.

'99

Andrew Batteiger is an associate planner with Shockey/Brent, Inc. Batteiger lives in Edmonds, Washington

Christian Bayley is an account executive at Zcom in Portland.

Elizabeth Cage is an account executive with Shandwick Public Affairs, a public relations firm in Washington, D.C.

Susan Chung works in the tax department at Symonds Evans & Larson, certified public accounts in Portland.

Jessica Cook MS is a speech and language pathologist with the West Linn-Wilsonville School District.

Brad Crement is a design engineer at CNF Consulting, Inc., a civil engineering consulting firm in Portland.

Zeljko Grahovac is an architectural intern at DLR Group, an architecture firm in Portland. Grahovac, a native of Sarajevo, Bosnia, worked there as operation coordinator for the International Rescue Committee. After immigrating to the U.S. he worked for VJ Construction and Milne Construction Company.

Donald King works in the tax services group at Aldrich Kilbride & Tatone LLP in Salem.

Hanna Linder is a software engineer at IBM NUMA-Q (formerly known as Sequent Computer Systems) in Beaverton.

Christopher Martin is working in U.S. Rep. Peter DeFazio's Washington, D.C., office. In March, Martin won the D.C./Maryland Golden Gloves competition, when, in his first boxing ring fight, he knocked out his opponent in the third round.

Angela Niederloh was chosen as one of 10 national finalists in the Metropolitan Opera

Auditions held in New York City during March. Niederloh lives in Portland and studies with Christine Meadows.

Dan Overbay is an admissions counselor at Portland State University. Overbay and his wife, Jennifer, live in Vancouver, Washington.

Edouard Oyer MS is a product support engineer with Analogy, Inc., in Beaverton.

Byron Sauer is a Habitat Technician I with Washington Fish & Wildlife in Morton, Washington.

In Memoriam

Nellie Zook MS '71 died in her home in Sisters Feb. 11. She was 87. Mrs. Zook taught school for 50 years, 12 of them in the Education Department of PSU. Many of her Portland State students kept in touch with her. Mrs. Zook remained an active community and civic leader in Sisters. She is survived by one son and three foster children.

PSU SYMPHONY

Keith Clark, Conductor

MAHLER Symphony No. 2 "Resurrection"

Sunday, 8:00PM

June 4

Portland Civic Auditorium

featuring the **PSU Festival Orchestra**

Jorja Fleezanis, Guest Conductor

Concertmaster, Minnesota Orchestra

with Mentor Musicians of the **Oregon Symphony**

ViennaFest Chorus

400 voices, including the PSU combined choirs, Portland Symphonic Choir and the Portland Gay Men's Chorus

Keith Clark, Conductor



Charlotte Pistor
Soprano



Jacalyn Kreitzer
Mezzo Soprano

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or any TicketMaster Outlet : \$7 - \$19 (Service charge may apply)

This performance is made possible by very generous gifts from Mr. James F. Miller & Ms. Jeannine B. Cowles

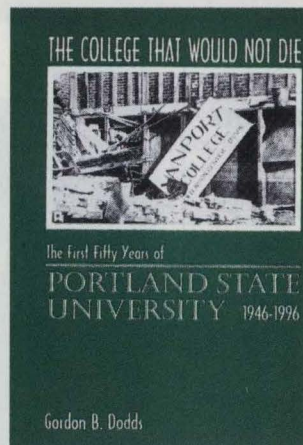
Frederick Heidel, professor emeritus of art, died Jan. 21 of complications from a stroke. He was 84. Dr. Heidel taught at PSU from 1951 to 1981. He was founding chairman of the Art Department, where he served as chair for 26 years. Dr. Heidel was also an accomplished painter and one of Portland's earliest glass artists. His works are in collections throughout the world. PSU has eight of his works in its permanent collection, many of which are on public display.

Maurine Neuberger, educator, former state representative and U.S. senator, and long-time supporter of PSU, died Feb. 22. She was 94. Mrs. Neuberger and her husband, Richard, gained notice in 1951 as the first married couple in U.S. history to serve together in a legislature, he in the Oregon Senate and she in the House. In 1953 the two urged fellow legislators to grant Portland State four-year degree-granting status. Ms. Neuberger went on to be elected to her husband's U.S. Senate seat following his death in 1960. Soon after, South Park

Hall was renamed Neuberger Hall in his memory.

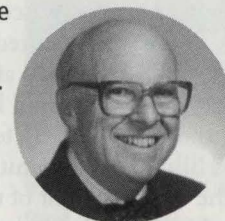
Morton Malter, professor emeritus of education, died in his home Jan. 20. He was 79. Dr. Malter, who joined the faculty in 1954, was a scholar in the field of media production and instructional aids. He and his wife, Sue, developed a series of filmstrips that were used by elementary and secondary classroom teachers and curriculum specialists. He retired in 1986 but remained active in the school. He is survived by his wife, three children, and four grandchildren.

Miriam "Mim" McKee died in her Bellingham, Washington, home March 14 after a long battle with emphysema. She was 81. Mrs. McKee taught geology at Portland State from 1965 to 1978. She loved her work and her students, says son Jack. She especially encouraged women students to study geology, and considered herself a "women's libber." She is survived by her three children, six grandchildren, and one great-grandchild. □



Within the pages of this soon-to-be released book, witness the metamorphosis of the college that grew out of a World War II-era education center and into the vibrant urban university it is today. Meet the people and learn about the events that not only played a role in PSU's first 50 years but served to develop the character of the "college that would not die."

The College That Would Not Die: The First Fifty Years of Portland State University, by Gordon B. Dodds, professor emeritus of history, will be available in fall 2000. Cost is \$40 and all proceeds go to scholarships. Published by the Oregon Historical Society Press in collaboration with Portland State University, (503) 725-8205.



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Schwenns give \$1 million for student scholarships

First-generation, college-bound students who are short on cash but long on ambition have a friend in the Schwenn family.

Bill and Martha Schwenn donated \$1 million to Portland State last year to help these students "get on the educational trail," says Bill Schwenn.

Schwenn and his younger brother were the first college graduates in their family; both attended the University of Wisconsin-Madison. "I don't know what we would have ended up doing if it hadn't been for Wisconsin," says Bill, who in 1993 retired from a Hillsboro law practice after 52 years.

Schwenn's successful law practice and the couple's warm feeling toward the Hillsboro community are what led to the establishment of the Schwenn Family Endowed Scholarship. "Martha and I decided we had to do something for the community here, and giving students a start—a boost—in their education fit with our family's values."

Martha, who holds a bachelor's degree from Washington University in St. Louis, is a lifelong learner, having audited classes in political science and history at Portland State. The couple's daughter Stephanie Friedman is a graduate of Lewis & Clark Northwest School of Law, and daughter Page Frisch earned a master's in education from her father's alma mater. Frisch, a teacher at Arleta Elementary School in Portland, will serve on the scholarship's selection committee.

The Schwenn Family Scholarship covers tuition, fees, and books for undergraduate students who are in financial need and whose parents haven't had higher education experience. Priority consideration is given to high school graduates of the Hillsboro, Forest Grove, and Banks school districts.

"When we first moved to Hillsboro it was a sleepy little town of 3,750," says Schwenn. "I feel privileged that the community trusted me with their legal affairs during my long career."



Graham Siddall, CEO of Credence Systems, spoke at the dedication of PSU's new Integrated Circuit Design and Test Laboratory. Thanks to a donation from Credence, Portland State is now one of the few schools in the nation to own state-of-the-art testing equipment used in semiconductor research and design.

Sweetland honored with gift to endowment

A party celebrating Monroe Sweetland's 90th birthday brought out some unusual well-wishers, including one who gave a \$50,000 gift to the Monroe Mark Sweetland Endowed Scholarship at PSU.

The party was hosted by the University in recognition of Sweetland's life of public service and promotion of public education, including the establishment of PSU as a permanent, degree-granting institution 45 years ago. Friends of Sweetland established a scholarship in his name five years ago. In honor of his birthday, one close friend—who asked to remain anonymous—added \$50,000 to its coffers. The donor challenged the University to raise additional funds to bring the endowment to a minimum of \$100,000.

Sweetland, considered the grand old man of Oregon liberal politics, was a Democratic Party national committee-

man from 1948 to 1956 and served in the Oregon Legislature from 1953 to 1962. While a state senator, he helped move forward legislation establishing Portland State College in 1955. As chair of the Senate Education Committee during the late 1950s, he helped secure funding for major campus construction, including classrooms, a library, and a science building. In 1959, Sweetland served as principal sponsor of legislation authorizing the first graduate program at Portland State.

Sweetland left Oregon politics in the 1960s but continued to serve education. He moved to California, where for years he lobbied for the National Education Association. In 1995 he returned to Oregon, where two years ago, at age 88, he came out of retirement to run for his old legislative seat in Oak Grove. Monroe did well in the polls, but lost to longtime friend Verne Duncan, who was among the guests at the birthday party.

Education still remains a priority for Sweetland. "Investments in education do pay off," he has said. "Portland State has added enormously to the wealth of the state. It's been a good investment, not just a good policy."

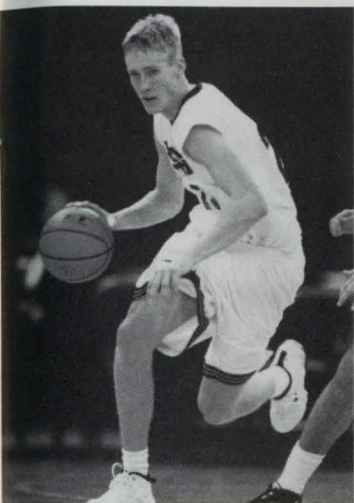
New to the board

The PSU Foundation Board of Directors added four new members this year. They are Robert Gootee, president and CEO of ODS Health Plans; Barbara McDougall '75, community leader; Michael Richardson '77, president and publisher of Dark Horse Comics Inc.; and Kay Toran MSW '70, president and CEO of Volunteers of America of Oregon Inc. □

In the "Partner in Education" report, which appeared in the winter 2000 PSU Magazine, the following members of the President's Associates were omitted: Theresa and Matthew Julnes-Rapida.

S P O R T S

MEN'S BASKETBALL For the second year in a row, the team qualified for the Big Sky Conference



Senior guard Derek Nesland set a school record for 109 games played—all of which he started.

Tournament. Despite losing in the quarterfinal round, the Viks celebrated their third straight winning season in just four years as a program. (Men's basketball was reinstated in the 1996-97 season.) The team was 15-14 overall and 7-9 in Big Sky play to place sixth. The loss to Northern Arizona in the tournament marked the second year in a row the Vikings were knocked out by the Lumberjacks. Seniors Ime Udoka and Derek Nesland were both selected for the All-Conference first team by conference coaches. Udoka was also named Big Sky Conference Newcomer of the Year, and Nesland earned Academic All-American honors for the second year in a row.

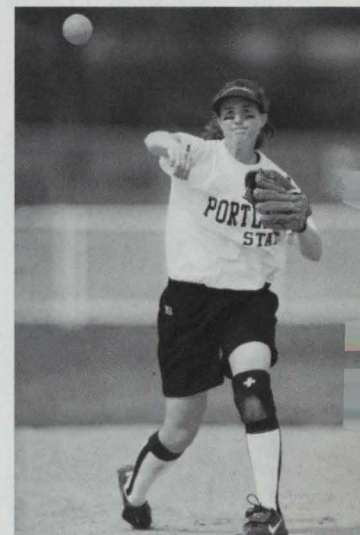
WOMEN'S BASKETBALL The Viks defeated Montana State 76-61 in the regular season finale to pull into a three-way tie for fifth place in the Big Sky, but it wasn't enough to earn a berth in the conference tournament. Under first year head coach George Wolfe, the team placed 7-9 in the Big Sky and 9-18 overall. Two Vikings earned All-Big Sky honors: senior Karrin Wilson was named to the first team and junior Heidi Hatcher made All-Big Sky honorable mention. Wilson, who was PSU's leading scorer with an average of 11.6 points per game, broke the Big Sky all-time career record for three-point field goals during the season.

WRESTLING For most of the Viking wrestlers, the season ended at the Pac-10 championships with an eighth-place finish. This was a good showing for the team, considering the Vikings were competing in the tourney for just the second time and lacked wrestlers in two weight classes. Even so, three Vikings extended their season by qualifying for the NCAA championships. Freshmen Eric Arbogast and Mike Pierce and sophomore Jeremy Wilson represented Portland State in St. Louis in March.

INDOOR TRACK Ryon Edwards and Udemeh Elijah led the Vikings at the Big Sky Indoor Championships, where both earned Big Sky All-Conference honors. Elijah became the first female track and field runner to be named All-Conference since the Vikings moved to the Big Sky in 1997. She received the honor in the 55-meter dash after finishing second with a time of 7.07, just .02 seconds off the

first-place mark. Edwards received All-Conference in the 200-meter dash after finishing third with a time of 21.76, less than .40 seconds off the first-place mark. It is the third straight year that Edwards has been named All-Conference in the 200-meter at the Indoor Championships. Both the men and women's teams finished ninth, but earned their most points in the Big Sky so far.

SOFTBALL Under head coach Teri Mariani, the softball team is playing in a conference for the first time in school history. The team has competed independently in the past, but is now a member of one of the nation's top conferences, the Western Athletic. Led by senior co-captains Jessica Guerrero and Alicia Russell, the Vikings take on a tough schedule featuring nine teams that were ranked in the *USA Today/NFCA* Top 25 pre-season poll. Other top returnees for the team are junior Kiauna Anderson and sophomores Monica Martell and Kelly Risky.



Senior shortstop Alicia Russell holds the PSU record for career doubles.

UPCOMING BENEFIT GOLF TOURNAMENTS

PSU Golf Scramble: May 15, 12:30 p.m. shotgun start, Riverside Golf & Country Club, limited to 144 players, call (503) 725-5639 for reservations.

PSU Women's Golf Classic: July 24, 10 a.m. shotgun start, Rock Creek Country Club, call (503) 725-4400 for reservations.

PSU Football Coaches Golf Open: Aug. 26, 1:30 p.m. shotgun start, The Reserve Vineyards & Gold Club – Cupp Course, limited to 144 players, call (503) 724-6804 beginning May 13 for foursome registration.

PSU ATHLETIC HALL OF FAME CLASS OF 2000

The Athletics Department and Viking Booster Club selected seven new individuals for induction into the PSU Athletic Hall of Fame. Named to the class of 2000 is Lee Allen (wrestling, 1952-54), Clint Didier (football, 1979-80), Jerry Minor (golf, 1975-78), Debbie Myra (track/cross country, 1984-87), Leanne Peters (volleyball, 1990-93), Dave Stief (football, 1974-77) and Mike Tichy (PSU coach and instructor, 1957-92). □

Tickets to athletic events are available through the PSU Box Office, (503) 725-3307, or by calling 1-888-VIKTIKS. For a complete schedule of matches see the Web site www.goviks.com.

HIGH VOLTAGE

Lighting up the Sky

2000 Viking Football Schedule

Sept. 2 Western Washington

Sept. 9 at Hawaii

Sept. 16 at Sacramento State*

Sept. 30 at Northern Arizona*

Oct. 7 Hofstra

Oct. 14 Idaho State*

Oct. 21 at Weber State*

Oct. 28 Montana*

Pokey Allen Game—PSU Weekend

Nov. 4 at Montana State*

Nov. 11 Eastern Washington*

Nov. 18 Cal State Northridge*

* Denotes Big Sky Conference Games
Schedule is tentative & subject to change.



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• Set seven team records in '99

• Finished 20th in the Nation in '99

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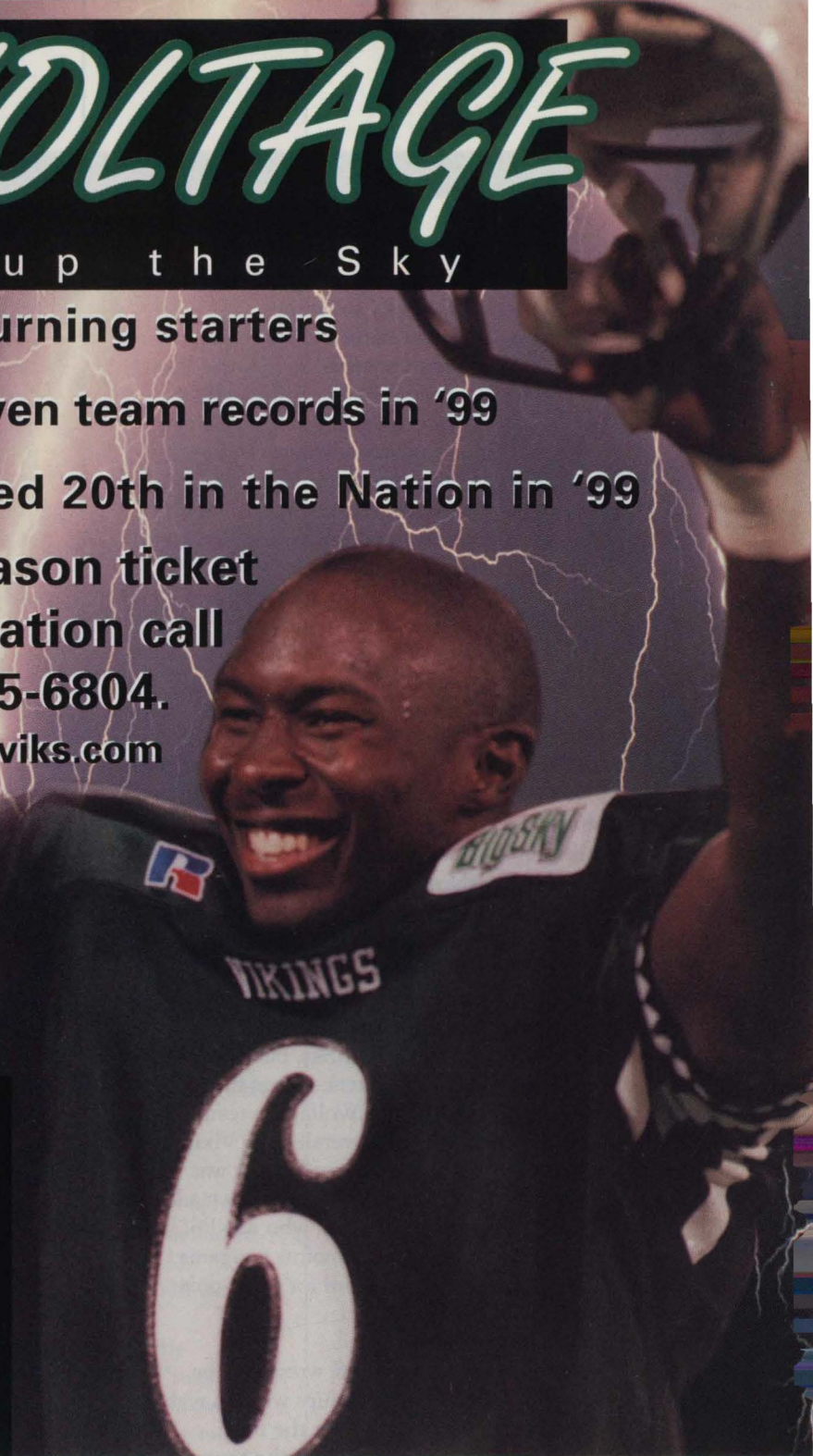
VIKING SPRING GAME

Preview the 2000 Vikings

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