



THE  
OREGON HEALTH  
SCIENCES UNIVERSITY

# NEWS

The Oregon Health Sciences University News is published to inform students, employees, faculty and friends of the institution's programs, activities and events.

## Letter from the president

To Faculty, Students, Staff and Friends of the OHSU:

I am writing to share the results of the recent evaluation of the University's accreditation status by the Commission of the Northwest Association of Schools and Colleges (NWASC) and to summarize the implications for the OHSU of recent legislative actions. First, however, some comments on current trends in health care economics and their effects on the OHSU.

Society is just beginning to appreciate the enormity of the price that will be paid for actions now being taken to limit severely national expenditures for health care. Potential victims of the wide-ranging cuts include: the quality of health care; the orderly renewal of the nation's corps of health professionals through education; the progressive extension of our understanding of the prevention and treatment of human illness through biomedical research; and, most important, the humaneness and compassion that have served for centuries as the hallmarks of the health professions.

Eventually the pendulum will swing back toward quality, caring, education, and research. Meanwhile, academic health centers such as the OHSU must rededicate themselves to preserving the values that undergird the professions for which they are responsible. This will be a difficult challenge for all of us. Nevertheless, much to my delight, I sense a growing spirit of renewal and adventure permeating this campus. I sense a rising tide of optimism engulfing the crazy quilt of buildings, flower beds and parking lots that make up this hilltop citadel of healing and learning.

The spirit will help immeasurably to ensure that when today's upheavals subside, they will leave the fundamental values of the health professions untarnished and unadulterated. You, who have banded together to carry the OHSU forward to meet its destiny, must share a common faith that this will be the outcome. The excellence of your contributions to societal good is becoming known along the avenues and byways of the state, and the ranks of advocates of the OHSU grow larger each day. This is a time to take heart, a time to rededicate ourselves and a time to confront and overcome the challenges ahead. In the years to follow, mere survival will not suffice. We can accept no less than complete triumph, and triumph we shall!

As we go about our daily tasks, we are not alone. Many individuals, groups and constituencies are with us. The Board of Overseers, the Marquam Hill Society, the Doernbecher Guild, voluntary agencies and fraternal orders, volunteers in the hospital and the Campus Tour Program, generous benefactors of the University, corporations and foundations such as the M.J. Murdock Charitable Trust have all, in their own way, reaffirmed their faith in the OHSU. The Governor, the Legislature, the Board of Higher Education, the Chancellor and his staff, and members of the Oregon press and other media have brought us through the legislative session with tangible evidence of their support for this University. Individuals whose activities are national in scope, such as Senator Mark O. Hatfield and Mr. Donald E. Petersen, chairman of the Ford Motor Company, have been in the vanguard of those who would promote the future development and growth of the OHSU. Most important, many other Oregonians believe in what we are doing. They write letters of support and admiration. They comment on the excellence of the clinical care at the OHSU and about the high quality of the education their children receive. Most assuredly, the OHSU is not alone!

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Through the Minority High School Student Research Apprentice Program, Jackie Starr is working this summer in the lab of Dr. Jack Fellman, professor of biochemistry, School of Medicine. A story about this and other special programs for students considering health careers is on page 7.

## Carl Morris paintings, anonymous donors unveiled

The painter, the benefactors, the university president, the molecular biologist, the musicians and about 400 others gathered to witness a convergence of art and science on Marquam Hill.

It was June 9, 1985, a Sunday afternoon when "Intersecting Light," a series of nine paintings by Carl Morris, was ceremoniously united with the Institute for Advanced Biomedical Research — their shared destiny the product of generous giving by a Portland couple and a famous Northwest painter.

The "Sunday Trio," as it was called, was sponsored by the Marquam Hill Society. The invited guests came to celebrate the arts and the common threads of creativity that run through painting, music and science. The host was OHSU President Leonard Laster, who stated that "as parallel lines meet in infinite time and in infinite

space, so, too, do the parallel quests of art and science eventually meet in splendid unity."

The participants were the first to learn the identity of the "anonymous" couple whose \$5 million gift inspired creation of the IABR. Howard Vollum, co-founder and former chairman of Tektronix, told the audience with characteristic modesty that he and his wife, Jean, were "pleased to play a small part" in the institute's development.

In 1981, when the Vollums made the gift, they said that "if we could achieve a quantum jump in the research capability of the university, such a result would serve as a major stimulus and inducement to the state and federal governments to meet their long-deferred obligations to Oregon's only academic health center."

(As if to confirm the Vollums' belief in

the university, the federal government later appropriated \$20 million to build the IABR, and the Murdock Charitable Trust recently announced a \$1.8 million grant to support research in the institute.)

That the Vollums gave \$5 million to the university for creation of the IABR is evidence of their enduring commitment to the region. But what else can be said about the publicity-shy couple?

Laster writes that they're "embedded in the fabric of Oregon's history." Their philanthropy has touched many of the major colleges and universities, museums and medical care facilities in the region. And their personal energies have guided the likes of the Oregon Graduate Center, the University of Portland, Reed College and the Oregon School of Arts and Crafts.

Howard Vollum sits on the OHSU Board of Overseers, a group of private citizens

who banded together in 1981 to support the university. His participation in an academic health science center is not incompatible with his own interest in science.

The Portland electronics magnate founded Tektronix in 1946, 10 years after earning a bachelor's degree in physics from Reed College. He holds honorary doctoral degrees from his alma mater as well as from the University of Portland (where he was an undergraduate), Lewis and Clark College and Pacific University. He is a member of the Massachusetts Institute of Technology Committee for Electrical and Computer Sciences.

Jean Vollum is as fluent in the language of art as her husband is in the language of science. Mary Greeley, executive director of the Oregon School of Arts and Crafts, describes Vollum as an "energetic force,"

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# Drs. Mason, Tufts retire from School of Medicine

Call Howard Mason anything, but don't call him retired. Howard Mason, Ph.D., professor emeritus of biochemistry in the School of Medicine, plans to stay as involved in his work as he was before his change of status.

Since July 1, he has more time to spend in the lab and on writing. He may also have a little more time to pursue an interest he and his wife share in alpine plants — ones that grow at such high altitudes that they receive a low oxygen supply. Many such plants grow in the high plateau region of western China, which the Masons recently visited.

Mason went to China and Japan in June to deliver lectures on oxygen metabolism and biological effects of radiation from broadcast radio frequencies. He spoke in Osaka, Tokyo, Beijing, Xining and Shanghai. At the Northwest Plateau Institute of Biology in Xining, he and his wife spoke on alpine plants of the Pacific Northwest, and on the Berry Botanic Garden in Portland, which specializes in alpine plants.

"Professor Mason is a recognized world authority on the biochemistry and biology of oxygen," said Richard T. Jones, M.D., Ph.D., chairman of biochemistry. "He and his students and postdoctoral fellows have made many contributions to the understanding of how oxygen is utilized and changed at an atomic level in biological systems."

"His scholarly approach to science and education have set high standards in our department and at this medical school. His commitment to excellence has served him and the university well. Even in his retirement he will continue to work in the laboratory, and he is one of the principals organizing an international conference in Portland on oxygen metabolism," Jones continued.

"Although Professor Mason will no longer have to meet classroom schedules or devote time to committee meetings and other administrative chores, I know he will continue to be available and sought out by his colleagues for advice and help for many years to come."

One of Mason's major basic discoveries, made in the mid-1950s at the OHSU, revealed that oxygen is incorporated directly into living matter during respiration by a process called oxygenation, which occurs throughout human metabolism. This was a new insight, because previously everyone believed that the only biological use of oxygen was its conversion to water.

His many honors include the University Award for Excellence in Teaching in 1985 and one of the two first Discovery Awards given by the Medical Research Foundation of Oregon in 1984.

In 1983 Mason received a Senior U.S. Scientist Award from the Alexander von Humboldt Foundation of the Federal Republic of Germany. The award honors

American scientists who have gained an international reputation and promotes the interchange of scientific ideas between German and American researchers. He has also been honored with the 1973 Gordon Medal from the International Society for Pigment Cell Biology and a 1970 Commonwealth Fellowship to Cambridge University.

In the early 1960s Mason co-edited seven volumes of a treatise on comparative biochemistry, now slated for a second edition. He is also working on a new edition of West and Todd's Textbook of Biochemistry, which is about 75 percent complete.

In his 33-year career at the OHSU, Mason has served on numerous committees and held many positions in professional and community organizations, including presidency of the Washington Park Zoo and the Berry Botanic Garden. Recently he chaired the search committee that brought Edward Herbert, Ph.D., to campus as director of the Institute for Advanced Biomedical Research.

After receiving his B.S., M.S. and Ph.D. degrees at Massachusetts Institute of Technology, Mason held positions at Harvard, the National Institutes of Health and Princeton University before coming to Oregon in 1952.

His greatest satisfaction, he says, has been in "teaching medical biochemistry in a period of scientific revolution. It's been marvelous to teach and carry out research at a time when one's scientific field has been producing a new view of nature. And now the university itself is entering a wonderful phase, as shown by such things as the development of the new IABR."

Mason looks forward, he says, to continuing to take part in this explosion of scientific productivity, "God willing."

Dedicated physician, respected instructor, talented artist, avid outdoorswoman — these are only a few of the words that friends and associates use to describe Emily Tufts, M.D. Tufts, associate professor of pediatrics, retired in June after more than 20 years at the OHSU and has now embarked on a new adventure — sailing around the world on a 28-foot boat.

Described by her colleagues as "a woman of many talents," Tufts worked actively in a number of programs, both on and off campus, dealing with child safety and protection. Her close involvement with the OHSU's Rosenfeld Center for Child Abuse and the Oregon Poison Control and Drug Information Center demonstrates her dedication toward excellence in both medical education and patient care.

"Dr. Tufts is one of those versatile people who prove so valuable to an academic faculty," says Robert Neerhout, M.D., chairman of pediatrics. He describes Tufts as "always smiling and cheerful" and adds that "there was no task too large or too small for her to be willing to undertake."

Tufts first came to the OHSU in 1964 as a fellow working with handicapped children. She became an instructor in pediatrics in 1965 and continued to work closely with students, interns and residents until her retirement. Tufts is especially pleased by her work on the Rosenfeld Center for the Study of Child Abuse, and the hospital's poison center.

Tufts became director of the Rosenfeld Center upon its establishment in 1974. The program, which is located at the OHSU, was founded with an ambitious goal: to teach the public and health care professionals about the treatment and prevention of child abuse. Tufts helped to see this goal realized by lecturing extensively around the state, by working closely with various child service agencies and organizations, by testifying in court in child abuse cases and by making herself available for advice and information concerning child abuse. Due in part to Tufts' efforts, the Rosenfeld Center is gaining recognition as a unique resource in the study and treatment of child abuse.

Tufts has been instrumental in setting

new standards for poison control centers. She previously acted as director of both the Oregon Poison Registry and the Physicians Poison Consultation Service, and played a key role in acquiring endorsement from the Oregon Medical Association for the Oregon Poison Control and Drug Information Center located at the OHSU. Since 1978, she was the associate director for pediatrics at the poison center, a role that Lee Wanke, the center's associate director for operations, points out is a vital one because 75 percent of the calls

the center receives involve children.

In summing up Tufts' work with the Rosenfeld and poison control centers, Neerhout stated that "Dr. Tufts has left a lasting mark on the quality of care for children in Oregon."

Currently, Tufts plans to spend a year or two sailing around the world, but she says she may continue her research on a volunteer basis at some time in the future. "She will be missed by the Department of Pediatrics," Neerhout said. "We all wish her well and 'good sailing.'"



Dr. Howard Mason



Dr. Emily Tufts

## SD has new associate dean

As associate dean for academic affairs in the School of Dentistry, Arthur Brown, Ph.D., wants to continue to improve an already strong educational program.

"The School of Dentistry has always been widely recognized for producing exceptionally competent dental graduates," Brown says. In addition to helping maintain the high quality of clinical training, he would like to enhance the school's research and other scholarly activity. He hopes particularly to stimulate cooperative projects between the dental school's basic science and clinical departments and between the school and other programs of the OHSU.

Brown succeeds Robert Bruckner, D.D.S., professor of oral pathology. After 25 years at the OHSU, 15 of them as associate dean, Bruckner decided to return to his primary interests of teaching and research.

Brown, who joined the OHSU in 1977, is also professor and chairman of physiology and biophysics in the School of Dentistry and professor of physiology in the School of Medicine. His research spans a number of interests, including biomedical computing, the neurophysiology of pain and of reflex mechanisms, and bone and tooth circulation.

He is active in university activities: serving on the Faculty Senate, directing the dental school's Educational Resource Office, chairing the high school program subcommittee for the university's Research Convocation and working on several all-university committees.

Brown is chairman-elect of the physi-



Dr. Arthur Brown

ology section of the American Association of Dental Schools, president of the Portland chapter of the International Association for Dental Research, a site visitor for the National Institutes of Health, and a member of the American Physiological Society.

Since receiving his master's degree from the University of Chicago and his doctorate from the University of Washington, Brown has taught at the medical schools of the State University of New York, Syracuse; the University of Washington; and the University of Malaya, Kuala Lumpur, Malaysia.

## Witter is interim director of University Hospital

David Witter Jr. began serving as interim director of University Hospital July 1. He succeeds Donald Kassebaum, M.D., hospital director for the past 10 years. Witter has been deputy hospital director since 1980.

Kassebaum is pursuing health policy studies in the School of Medicine. He is examining issues that confront university teaching hospitals and medical educators, including quality of care and quality assurance methods, alternative settings for clin-

ical medical education, and the financing of graduate medical education.

Leonard Laster, M.D., OHSU president, said, "Dr. Kassebaum has served this institution with skill, dedication and creativity. He has guided the growth and maturation of the University Hospital through challenging times, and we are all in his debt. We wish him well in his new career direction and look forward to the results of his studies with great interest."

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# Two OHSU researchers extend laboratory into space

Oil and water separate predictably enough for most practical purposes: the heavier water sinks while the lighter oil rises to the top. But researcher Donald Brooks, Ph.D., who would like to adapt the same research to separation of cells in medical research and treatment, has found that the separation of liquids "doesn't work as well as it theoretically should."

In an effort to better understand why certain liquids separate into layers, Brooks and Stephan Bamberger, Ph.D., will soon launch into weightless space their second study of liquid separation. An adjunct associate professor of neurology at the OHSU, Brooks also teaches pathology and chemistry at the University of British Columbia; Bamberger is a research associate in neurology at the OHSU.

The upcoming space experiment is scheduled to be conducted aboard a space mission launched this fall by the National Aeronautics and Space Administration. Brooks and Bamberger expect this experiment will lay groundwork for future space experiments in which certain cells — ones that are similar to the abnormal cells in the blood of leukemia patients — will be isolated from larger cell mixtures. Currently, scientists are unable to totally isolate leukemia cells either on earth or in space.

The work is based on results from a preliminary experiment completed in April aboard the space shuttle Discovery. On that mission, payload specialist Jake Garn shook a box of 15 vials filled with blue- and white-dyed liquids of different densities. The Utah senator then photographed the vials at timed intervals.

Color photographs of the experiment show that certain liquids of different densities (and, on earth, different weights) do separate in weightless space. However, instead of forming horizontal layers, one liquid formed an egg-yolk shape in the center of the second one.

The first experiment was "successful in most aspects," says Brooks, "and we learned enough to do a much better experiment the next time."

"It showed us that these liquids do separate in the absence of weight differences. There were lots of questions in the minds of people at NASA about whether the liquids would separate at all. About 15 years ago, a similar experiment was conducted with oil and water, but they didn't separate. We did enough ground tests to lead us to believe they should separate."

The experiment proved three points that may benefit research in many scientific areas of study and may improve medical diagnosis and treatment. First, it proved that certain liquids of different densities

do separate in space, and they do so in minutes and hours — a short enough time to be scientifically useful in laboratory work. Second, the way liquids separate in the absence of gravity depends, in large

part, on their ability to adhere to the wall of their container. Third, the experiment showed which factors are most important in determining the speed of the separation.

In addition, Brooks and Bamberger found that chemically stabilized (nonliving) biological cells in some of the systems did not produce a large effect on the separation. That point is critically important to success of a process that may some day be used to isolate living cells.

Future applications of the process may help scientists "isolate tumor cells from normal cells in bone marrow transplants and develop possible treatments for leukemia," says Brooks.

The work was funded in May 1983 by a three-year, \$273,000 research contract awarded by the National Aeronautics and Space Administration Microgravity Science and

**"There are many good reasons to think the separation ought to be much better in space."**

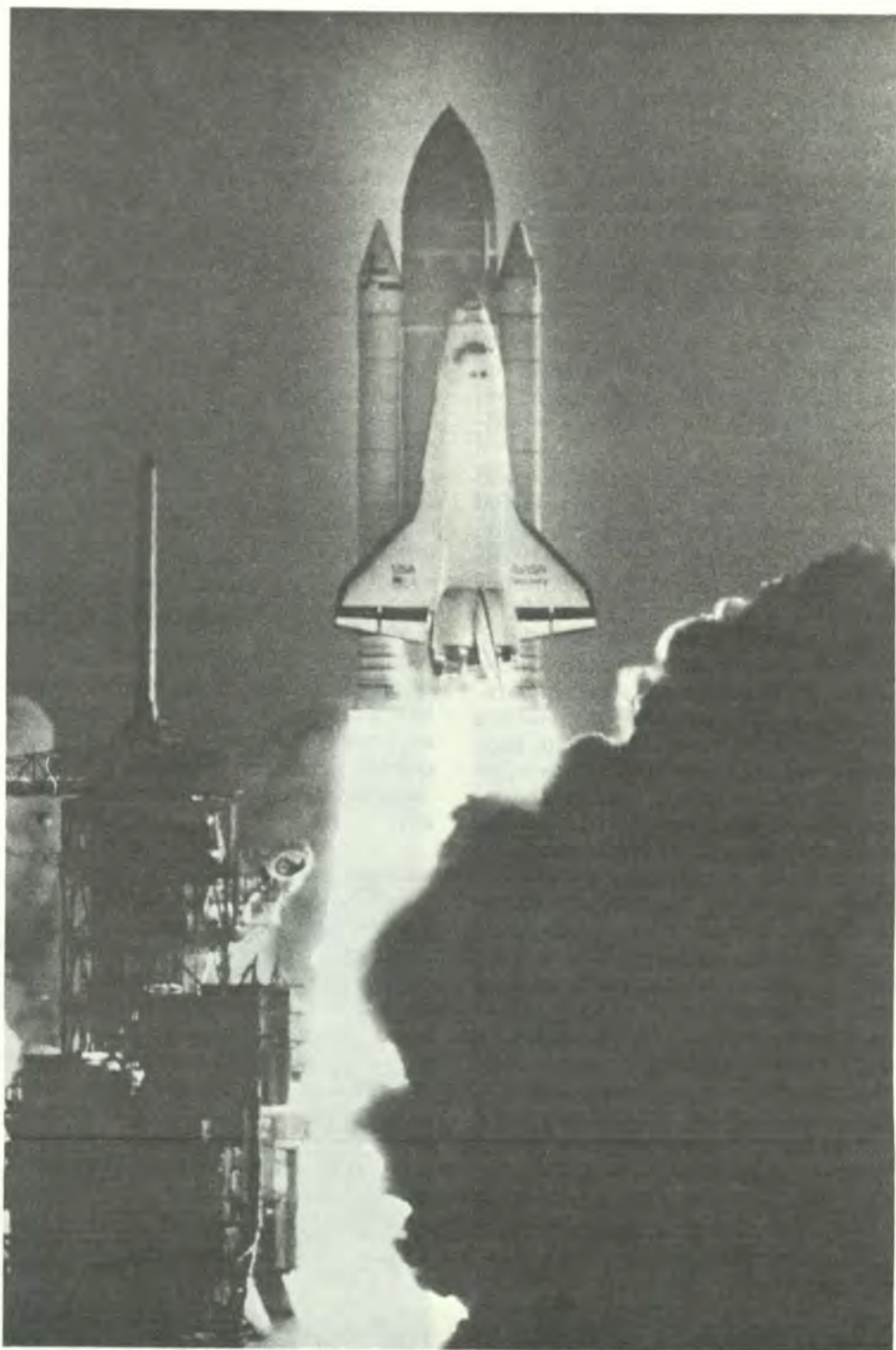
Applications Program. It is designed to further develop a laboratory process that now is far from refined.

Currently, researchers in fields ranging from metals to microbiology separate cells or particles, to a certain degree, by a process similar to the separation of oil and water. "By manipulating the cell mixtures, we know that there is a tendency, say, for a tumor cell to go into one of the liquids, and a nontumor cell to go into the second liquid," Brooks explains.

"The problem is that we don't get a complete separation. For example, if you had a mixture of 10 green balls and 10 red balls in a liquid and you used this process to separate them, you might get seven green balls in one of the liquids, and seven red balls in the other liquid. But the remaining three red and green balls would be in the 'wrong' liquid.

"There are many good reasons to think the separation ought to be much better in space. By reducing the violent effects of gravity, we can fine-tune the process," says Brooks.

"If we can do that, there are myriad applications in diagnosis, in separation of bone marrow cells, in any scientific study where you need to look at one type of cell in a given mixture."



Space flights such as this June Discovery shuttle enable scientists, including two at the OHSU, to eliminate the factor of gravity in their experiments.

WIDE WORLD PHOTOS

## Newsmakers

**Patricia de Garmo**, nurse practitioner in the Occupational Health Clinic, was recently named the state's outstanding occupational health professional at the biennial Oregon Occupational Health and Safety Conference.

The award to de Garmo was based on the key role she has played in initiating and maintaining the Occupational Health Clinic at the OHSU. The clinic, which opened in 1982, is designed to help diagnose occupationally related diseases.

**J. Allan Henderson**, M.D., a 1953 graduate of the OHSU School of Medicine, is the 1985-86 president of the Oregon Medical Association. Henderson, a resident of Hood River, has previously served as president of the Oregon Academy of Family Physicians and Mid-Columbia Medical Society.

**Edward Herbert**, Ph.D., director of the Institute for Advanced Biomedical Research, has been awarded a \$150,000 grant from the McKnight Foundation of Minneapolis. It is one of 10 McKnight Award Research Projects, funded to encourage experienced and gifted investigators to direct more of their efforts to studying the basic mechanisms of memory and diseases affecting memory. Herbert's three-year study is called "Development of Gene

Transfer Methods to Study Expression of Neuropeptide Genes and Receptor Genes."

**Carol A. Lindeman**, Ph.D., dean of the School of Nursing, recently received the 1985 Linda Richards Award for her "outstanding pioneering efforts in nursing." Lindeman accepted the award June 2 at the National League for Nursing convention held in San Antonio, Texas.

**Scott MacRae**, M.D., assistant professor of ophthalmology, has been named to the Food and Drug Administration's medical devices panel. At 33, MacRae is the youngest person ever to hold such a position.

MacRae, who specializes in cornea physiology and toxicology, will serve a three-year term on the panel, which reviews and regulates ophthalmic devices. MacRae's experience includes extensive research on corneal physiology, a fellowship in corneal transplantation and advanced training with contact lenses and light toxicity and the eye.

**James Metcalfe**, M.D., professor of medicine, is one of 312 newly named fellows of the American Association for the Advancement of Science. Metcalfe, director of the OHSU Heart Research Lab, has occupied the Oregon Heart Association Chair of

Cardiovascular Research for the past 25 years.

AAAS fellows are those members who have made distinguished efforts on behalf of the advancement of science. Metcalfe was one of two people from Oregon and the only one from the OHSU to be named a fellow at the group's annual meeting in May.

**William Riker**, M.D., professor and chairman of pharmacology, is the 1985-86 president of the American Society for Pharmacology and Experimental Therapeutics. Riker is also on the board and executive committee of the Federation of American Societies for Experimental Biology and is a former president of the Western Pharmacology Society.

Research by OHSU faculty has recently attracted widespread attention in national and local news media.

A study by **William Connor**, M.D., and associates showed that omega-3 fatty acids (found in fish and fish oil) lower blood fats to help prevent hardening of the arteries. The study was published in the May 9 *New England Journal of Medicine*, and subsequently was covered by Cable News Network, *Time* magazine, *The New York Times* and dozens of other newspapers and magazines nationwide. Connor is pro-

fessor of medicine and acting head of the Division of Endocrinology, Metabolism and Clinical Nutrition in the Department of Medicine.

The research of **Alfred Lewy**, M.D., Ph.D., on light and its effect on the human biological clock has been reported in *Newsweek*, *Forbes*, the *Smithsonian* magazine, *American Health* and other magazines as well as in *The New York Times* and other newspapers from coast to coast. Lewy, associate professor of psychiatry and ophthalmology, has been demonstrating the use of light to treat seasonal affective disorder (winter depression) and minimize the effects of jet lag.

During May, which marked the five-year anniversary of the eruption of Mt. St. Helens, research by members of the Department of Psychiatry was featured on the "CBS Evening News," in *USA Today* and elsewhere. A three-year study on the psychiatric effects of the eruption on people living near the mountain was conducted by **James Shore**, M.D., then chairman of the Department of Psychiatry and now adjunct professor of psychiatry at the OHSU and professor and chairman of psychiatry, University of Colorado Health Sciences Center, Denver; **Ellie Tatum**, research instructor of psychiatry; and **William Vollmer**, Ph.D., research assistant professor of physiology and psychiatry.



# Commencement marks passage for 391 graduates

As more than 300 students from all three OHSU schools gathered to don their black robes in the basement of Portland's Civic Auditorium, the noise level rose. Those looking for their alphabetical place in line jostled others looking for a hairpin to hold their cap on, while a few waited tensely for late-arriving academic hoods.

But as always, by the time the graduates entered the auditorium's door to the strains of the organ processional, order had been achieved. The Oregon Health Sciences University's classes of 1985 gathered for the last time to honor each other and their teachers and to hear President Leonard Laster, M.D., advise them, "Now go and do us proud, but above all, enjoy the privilege of serving humanity."

A total of 391 students received degrees. They included 106 from the School of Dentistry (73 with doctorates in dental medicine, 12 with postdoctoral specialty certificates and 21 with bachelor of science degrees in dental hygiene); 139 from the School of Medicine (116 with doctor of

patient, and he addressed the graduates from that perspective. Saying he has spent many days in University Hospital, "in nearly every department," Petersen praised the quality of care he has received at the university.

In fact, Petersen was scheduled to speak at the 1984 commencement ceremony, but instead found himself in a University Hospital bed for his second kidney transplant. At the 1985 ceremony he was celebrating one year free of kidney dialysis. "Your kidney transplant success rate is one of the highest in the nation, and it's a team effort that makes this possible," Petersen said.

He told the students, faculty and supporters present, "You see hope in the eyes of the people who come to the university, and you hear it when you visit with them: hope that springs from the responsibility we place in each of you, hope that comes from our belief in your curiosity, your ability to discover."

"Here at the Oregon Health Sciences University, you have studied and labored with people who have tremendous vision and talent," Petersen said. "I thank those who came before you for the opportunity to stand here and speak to you tonight."

The OHSU's highest honor, the Distinguished Service Award, is given to a friend of the institution or to an admired practitioner of the skills it imparts, to reinforce the university's dedication to its basic values. This year the president gave the award to three groups.

Of the first group Laster said, "The patients have made your education possible. We all owe them an unrepayable debt." James Petersen accepted the award on behalf of all the patients of the OHSU.

The second Distinguished Service Award went to the Medical Research Foundation of Oregon for acting as a catalyst and advocate in financing medical research through grants to researchers. The independent foundation, established in 1942, is supported by bequests and donations from private individuals, institutions and the National Institutes of Health. Richard Jones, M.D., Ph.D., professor and chairman of biochemistry in the School of Medicine and president of the MRF, accepted the award.

In presenting the third 1985 Distinguished Service Award to the university's faculty, Laster said, "The transfer of knowledge, skills and values — in short, the replenishment of the breed — requires a faculty of excellence. This faculty has given far, far more than a full measure of devotion to its duties." Christopher Cunningham, Ph.D., associate professor of medical psychology and outgoing president of the OHSU Faculty Senate, accepted the award.

Individual faculty members also were recognized with the University Excellence in Teaching Award, established last year by

Laster to emphasize the importance of the university's educational mission.

The 1985 recipients, chosen as both personally deserving and representative of their colleagues, are: from the School of Dentistry, Marge Empey, assistant professor of dental hygiene, and John Holt, D.M.D., professor of removable prosthodontics; from the School of Medicine, Diane Elliot, M.D. associate professor of medicine, and Howard Mason, Ph.D., professor emeritus of biochemistry; and from the School of Nursing, Barbara Gaines, Ed.D., associate professor of adult health and illness, and Marsha Heims, assistant professor of family nursing.

This year's commencement address had three parts — short talks by the deans of each of the three schools. They spoke in the order of their seniority as dean.

Carol Lindeman, Ph.D., dean of the School of Nursing and the longest in her position, shared a vision of what health care might be like in the year 2001, including designer hospitals, plaque-buster drugs and domination of the market by three multinational health care companies, including Sears, Roebuck. She suggested the graduates prepare for that time by being courageous, committed and caring.

John Kendall, M.D., dean of the School of Medicine since 1983, asked the new health professionals to give the very highest priority to their patients, yet to appreciate the support of their families and "regard your family as a priority equal to any."

The newest dean, Henry Van Hassel, D.M.D., Ph.D., closed by telling the audience that the skills they have acquired give them the one sure and certain source of self-respect: the satisfaction of a job well done. In other words, he said, "Let the work of your hands be the wellspring of your happiness."

As the deans spoke and as the students accepted their diplomas one by one, the basement room in the Civic Auditorium was empty except for a few commencement programs and a card of bobby pins thrown in a corner. In a few more moments it would receive back the graduation robes and hear the pride and jubilation of the very newest health care professionals before they scattered to begin their careers.

**"You see hope in the eyes of the people who come to the university, hope that springs from the responsibility we place in each of you, hope that comes from our belief in your ability to discover."**

medicine degrees, three with doctorates of philosophy in one of the basic sciences, one with a master of science in medical psychology and 19 with bachelor of science in medical technology); and 146 from the School of Nursing (100 with bachelor of science degrees from the Portland campus, 16 with bachelor of science degrees from the La Grande campus at Eastern Oregon State College and 30 with master of nursing degrees).

Two speakers with a special interest in the OHSU greeted those assembled on June 14: James Petersen, a member of the Oregon State Board of Higher Education, and Brian Booth, vice chairman of the OHSU's Board of Overseers.

Booth, a Portland attorney, lauded the contributions the university makes to the quality of life in Oregon, citing "economic benefits to our community as well as medical benefits." He explained that the role of the Board of Overseers is to promote the university, raise funds, and establish and improve relationships with government, foundations, the business community and the general public.

Petersen is a former mayor of La Grande and hospital administrator, now retired. He has also been a frequent hospital



Winners of the 1985 University Excellence in Teaching Award, established in 1984, were named at June 14 commencement. Top photo: Marsha Heims (right), assistant professor of family nursing, discusses award with Dr. Carol Lindeman (left), dean, School of Nursing. Above photo: Dr. John Kendall (left), dean, School of Medicine, congratulates Drs. Diane Elliot, associate professor of medicine, and Howard Mason, professor emeritus of biochemistry. Photos at right, from left: Marge Empey, assistant professor of dental hygiene, School of Dentistry; Dr. Barbara Gaines, associate professor of adult health and illness, School of Nursing; and Dr. John Holt, professor of removable prosthodontics, School of Dentistry.

## Committee works to add art, improve campus atmosphere

Some of the empty walls on the OHSU campus have a tremendous need for works of art, say members of the newly formed Arts Committee. They are nine volunteers who, combining a knowledge of art with a concern for the university, have banded together to improve the aesthetic environment on Marquam Hill.

Deanne Rubinstein, an art consultant who has helped a number of Portland businesses select art, chairs the group, which is a subcommittee of the Marquam Hill Society's Steering Committee. She says formation of the Arts Committee was inspired by artist Carl Morris' gift of a major series of paintings to the Institute for Advanced Biomedical Research (see page 1).

To enhance other parts of the campus, Mrs. Rubinstein says, the Arts Committee is encouraging gifts and loans of art works to the university. The committee is interested in art works in all kinds of media. Works will need to meet certain criteria, such as artistic quality and appropriateness to their setting, and will be selected by a jury within the committee. The group will also apply for grants from local, state and federal agencies that fund the arts.

Representatives from the Arts Committee are working with the Oregon Arts Commission to decide how to best use funds available to the OHSU as a result of Oregon's 1% Public Art Program. That program, enacted into law in 1975, re-

quires that any agency using state money to build or alter public buildings must put aside one percent of the construction costs to purchase and display art.

As the university has completed remodeling and other construction projects, various amounts of money have been set aside. The fund for art on campus had reached a total of more than \$50,000 by this spring, when the committee formed.

In considering how to spend the one-percent funds, the committee has suggested some sort of artistic enhancement for the entranceway to campus at the intersection of S.W. Sam Jackson Park Road and Campus Drive.

Besides Mrs. Rubinstein, members of

the Arts Committee are Helen Bledsoe, Elizabeth Hirsch, Ruth Ann Laster, Lillie Lauha, Nancy Leuschel, Joan Shipley, Melody Teppola and Sabine Artaud-Wild.

The group also has enlisted the help of an Advisory Committee, chaired by Mrs. Hirsch. Serving with her are Mrs. Bledsoe, chair of the Marquam Hill Society; Betty Gray, chair of the OHSU Board of Overseers; Mrs. Rubinstein; Tony Koach and Ralph Tuomi, Facilities Management; Margaret Ryan, School of Dentistry; M. Roberts Grover, M.D., School of Medicine; and Deborah Leiber, School of Nursing.

For information about how to make donations of art, call the OHSU Foundation, 225-8223.



# Students, teachers garner awards at ceremonies

In the days before the June 14 commencement itself, students and faculty were recognized in separate awards and honors ceremonies. Five women received the top five honors given to graduates.

Graduating student Billie Holbrook won the Stephen P. Peglow Memorial Fund Award. She was selected by fellow class members and the faculty as possessing the qualities most desirable in a dentist, including integrity, humility, compassion, skill, sensitivity to patient needs and dedication to service.

Dental hygiene graduate Donna Samuel received the School of Dentistry Alumni Association Award, which recognizes a student with outstanding scholastic achievement, human relations and professional attitude.

The School of Medicine awarded its Gold Headed Cane Award to Katherine Foley. The winner is selected by fellow students and faculty members in recognition of compassionate devotion and effective service to the sick, with the conviction that the award's holder will forever epitomize and uphold the traditions of the true physician.

The Dean's Awards in the School of Nursing went to undergraduate student Beverly Hyde and to graduate student Nancy MacMorris-Adix. The Dean's Award is given on the basis of scholarship as evidenced by an outstanding paper written during the program of study at the school.

Graduates from the School of Dentistry gave the Outstanding Didactic Instructor

Awards to full-time faculty member Fred Cowan, Ph.D., chairman of pharmacology, for the 15th year, and to part-time faculty member Susan Tolle, M.D., assistant professor of medicine. The Outstanding Clinical Instructor Awards went to full-time faculty member John Holt, D.M.D., professor of dentistry, for the seventh time, and to part-time faculty member Alden Peterson, D.M.D., assistant professor of dentistry, for the second time.

In the School of Medicine, graduates honored Thomas Hatch, M.D., assistant professor of surgery at the OHSU and chief of urology at the Veterans Administration Medical Center, for the second consecutive year, with the David W.E. Baird Award recognizing excellence in a junior faculty member. The award was named after David W.E. Baird, M.D., dean of the School of Medicine from 1943 to 1968.

The J. David Bristow Award went to Walter McDonald, M.D., professor of medicine (OHSU) and chief of medical services (VAMC). McDonald received the Allan J. Hill Jr. Teaching Award in 1979, 1980 and 1981. The Bristow Award was established by the class of 1977 to recognize a faculty member who exemplifies the ideals of the true physician as he or she conducts clinical practice with patients

and colleagues. J. David Bristow, M.D., professor of medicine, chaired the Department of Medicine from 1971 to 1977.

The Allan J. Hill Jr. Teaching Awards recognize excellence in teaching by honoring two full-time faculty members, one in basic science and one in clinical science. This year's recipient in the basic science category is, for the fifth year, R. Sam Connell, Ph.D., professor of cell biology and anatomy. The recipient in the clinical science category is, for the fourth year, John McAnulty, M.D., associate professor of cardiology. McAnulty has also been awarded the J. David Bristow Award six times. The Hill Award is named for a former chairman of the Department of Pediatrics who died in 1964.

The Howard P. Lewis Awards, presented to senior residents for outstanding teaching, were given this year to Kim Wayson, M.D., resident in surgery, and Pat Boyle, M.D., resident in internal medicine. Boyle received the John S. Miller Award last year. Howard Lewis, M.D., professor emeritus of medicine and longtime chairman of the department, died in April of this year.

The John S. Miller Award, presented to an intern or junior resident with qualities of an outstanding teacher, was given this year to Linda Humphrey, M.D., resident in primary care internal medicine. The award was established by the class of 1974 in memory of classmate John Miller, who died in 1978.

The Oliver M. Nisbet Teaching Award, given to an outstanding volunteer faculty member, went to Peter Watson, M.D., assistant professor of obstetrics and gynecology. Watson also received this award in 1982 and the David W.E. Baird Award in 1980 and 1981. Oliver Nisbet, M.D., late professor emeritus of surgery, was on the volunteer faculty from 1926 until his death in 1967.

Recipients of the Baird, Hill and Nisbet awards receive \$500 each out of a grant from the Kaiser Foundation Hospital. The hospital's directors made a grant of \$40,000 to the School of Medicine in 1974 for awards to faculty members for excellence in teaching.

The School of Nursing's Outstanding Undergraduate Faculty Awards went, for the second year, to Marsha Heims, assistant professor of family nursing, and Jeanne Tucker, instructor in community health care systems in the school's outreach program at Eastern Oregon State College. The Outstanding Graduate Faculty Award went to Joyce Semradek, associate professor of community health care systems.



In top left photo, this page, Diane Hyde hugs her mother, Beverly Hyde, undergraduate winner of the Dean's Award in the School of Nursing. Top right, Drs. Robert Kimbrough (left), assistant professor of medicine, and Joseph Matarazzo, professor and chairman of medical psychology, march with other School of Medicine faculty. Award winners in above and far right photos, from left, are: Nancy MacMorris-Adix, graduate nursing student, Dean's Award, School of Nursing; Donna Samuel, graduating dental hygiene student, Alumni Association Award, School of Dentistry; Katherine Foley, graduating medical student, Gold Headed Cane Award, School of Medicine; Billie Holbrook, graduating dental student, Stephen P. Peglow Memorial Fund Award, School of Dentistry; Dr. Sam Connell, professor of cell biology and anatomy, Allan J. Hill Jr. Teaching Award, School of Medicine. Immediate right photo: Drs. Fred Cowan, chairman of pharmacology, and Susan Tolle, assistant professor of medicine, named Outstanding Didactic Instructors, School of Dentistry.



# Sunday Trio unites music, art, science for IABR

(continued from page 1)

a strong patron of the arts and fine weaver and calligrapher. She is well known for the personal time she spends helping local artists and hosting out-of-town artists.

In recognition of the couple's gift, Laster named Edward Herbert, Ph.D., who is director of the IABR, to be the first Jean and Howard Vollum Professor of Molecular Biology at the OHSU. The title will be carried by Herbert's successors at the institute. Herbert, who will soon move his lab from the University of Oregon campus to Portland, was present at the Sunday event to accept the honor.

Under the leadership of Herbert, a molecular neurobiologist, the institute will apply molecular biology to the study of the brain. More than 130 investigators, post-doctoral fellows, graduate students, technical staff and administrators are eventually expected to be at work in the institute. The \$5 million will be used to support operations once construction is finished.

**The large paintings draw viewers into a world of grandiose shapes and fiery colors set against the blackness of space.**

In addition to the Vollum announcement, the audience witnessed the unveiling of a gift by painter Carl Morris to the OHSU Board of Overseers.

Four paintings of the nine-piece series called *Intersecting Light* were hung on the sides of the auditorium, beaming stereo signals of light and dark across the rows of seats. In the polite surroundings of the university's Library Auditorium, the large paintings drew viewers into a world of grandiose shapes and fiery colors set against the blackness of space.

Writer David Wagoner said of the series: "We can see . . . the earth that was and the earth that is to come, both disintegrating



Benefactors of Institute for Advanced Biomedical Research gather outside library after June event announcing gift of paintings from artist Carl Morris (right). With him are, from left, Howard Vollum, Hilda Morris and Jean Vollum. Vollums' \$5 million gift inspired start of IABR.

and being assembled, where all is in flux and the promise of rebirth, where essential fragments contain their own sources of illumination."

By next summer, all nine pieces will be reunited in their permanent residence just inside the entrance to the IABR in a two-story atrium. "The magnificence of the paintings will move some people to ponder far greater visions than those of daily routines, and they may well leave the atrium rejuvenated in spirit," writes Laster.

The reputation of the series' creator in the art world equals the monumental scale of his canvases. A recitation of Morris' achievements is lengthy. It might be enough to say that his paintings have traveled the world, that they can be found in public and private collections in this country and Europe. But then there is the compelling urge to say, for example, that Mor-

ris' work is also in such collections as the Metropolitan Museum of Art and the Guggenheim Museum in New York and the National Gallery of Art in Washington, D.C. His biography lists more than 40 such museums and 73 exhibits.

As a Northwest artist who established his studio in Portland in 1941, he regularly exhibits at the Seattle Art Museum, the Portland Art Museum and the San Francisco Museum of Art. He is represented in Portland by the Fountain Gallery of Art.

He studied at the Art Institute of Chicago, in Vienna on a scholarship and in Paris on a fellowship grant. In 1959 he was commissioned to prepare a series of paintings for the Oregon Centennial Exposition to be hung in the hall of religions. Morris has said *Intersecting Light* is based on those paintings.

A musical expression of gratitude to

Morris and the Vollums was rendered by the Florestan Trio, artists-in-residence at Portland State University. With the chamber music of Joseph Haydn, Ernest Bloch and Johannes Brahms, the trio invited the spring day inside. The musicians cajoled, soothed and embraced their listeners for half an hour. The range of notes expressed from violin, cello and piano were as clear in the back of the room as on stage, a testimonial to the fine acoustics in the newly remodeled auditorium. The acoustics were, in fact, everything the architects had wanted.

When the molecular biologist and the university president and the artist and the benefactors are gone, the Institute for Advanced Biomedical Research and *Intersecting Light* will remain, a long-lasting tribute to those whose vision sought a brighter tomorrow.

## University president explains accreditation, 1985 legislation

(continued from page 1)

### Accreditation

Last autumn, the University went through an accreditation process that began with an institutional self-study and report. Dr. Robert Koler, of the School of Medicine, chaired the committee that saw us through the self-study. We are indebted to that group and to all those who cooperated so enthusiastically and so competently in what must have been an excellent process, judging by the outcome. Last spring, a site visit team spent the better part of a week here and then reported to the NWASC Commission. In mid-June, the Commission reviewed the team's report, took testimony from the OHSU and concluded that we had made great progress since our first evaluation in 1980. They commended the spirit and achievements of the faculty, staff and students and gave the University a full and unconditional accreditation.

The Commission cited areas in which additional resources are needed and urged the state to provide them. We agree wholeheartedly and will continue to work in the future, as we have in the past, to ensure that when the state is in an economic position to make the necessary improvements in the OHSU budget, it will do so.

### Legislative Session

Next up for discussion is the outcome of Oregon's 1985 legislative session. It was an extraordinary time for higher education in Oregon and congratulations are in order for the Governor, the Legislature, the State Board of Higher Education, and the Chan-

cellor and his staff. The Chancellor's efforts, in particular, deserve our collective thanks. The results can be divided into: (1) actions taken on behalf of the entire system that will benefit the OHSU; and (2) actions directed specifically toward the OHSU.

#### Group (1) includes:

- Pay raises. The moratorium on pay raises for faculty and staff that extended through the 1983-85 biennium ended with an appropriation of \$40 million for higher education salaries for 1985-87.
- Building maintenance. A second major step (added to a 1983-85 appropriation) was taken to enhance the system's resources for repairing and maintaining buildings and facilities. The Legislature appropriated \$6.75 million for the biennial budget and a share will be allocated to this campus.
- Instructional equipment. The system was allocated \$4 million for the biennium to shorten the replacement cycle for instructional equipment. The OHSU will receive \$0.25 million of this appropriation.
- Inflation adjustments. Like the other units of the state systems, the OHSU will receive adjustments for several budgetary categories to allow for projected inflationary changes. Thus, "Services and Supplies" will increase 3%, "Capital Outlay" 5.5%, and "Library Acquisitions" 10%.

#### Group (2) includes:

- Funds for the operating budget of the University Hospital. Four million dollars was appropriated outright, and an addi-

tional \$0.5 million was placed on reserve with the Emergency Board to enhance the hospital's budget. Regrettably, action taken in a legislative committee concerned with the state's welfare budget resulted in a reduction of \$0.85 million in the hospital's anticipated operating fund for 1985-87. The net increase will, of course, be helpful and is greatly appreciated; but it falls far short of the Governor's budget request for an additional \$15 million biennially. We still have a long way to go.

- Center for Occupational Disease Research. The Legislature voted to close the Callahan Center in Wilsonville and directed the OHSU to plan and establish a new center for research on diseases related to occupational exposures. In developing the plan, we are to consult with appropriate experts in Oregon and around the country. When the program is approved, \$2 million a year will be provided to the OHSU for implementation.
- Endowed Chair(s). As the Oregon Lottery progresses during the biennium, \$2.5 million will be accumulated as an endowment for the OHSU. Eventually, the resulting income will fund one or two chairs for outstanding bioscientist(s) to work in area(s) important to the OHSU and to Oregon's economic development. Priorities for the field(s) of research include the molecular biology of cancer, biomedical imaging, and transplantation biology.
- Center for Technology and Medicine. A single, one-time appropriation of \$0.375 million was passed to help us begin to acquire equipment for a new Center for Technology and Medicine.

Our directions for the future are clear. We must preserve the integrity of our missions and protect them from erosion by the growing commercialism of the day. We must promote excellence and foster compassion in our every endeavor. We must continue to develop logical and coherent strategies for the future evolution of our education programs, research projects and clinical care activities. We must use the resources that have been given to us prudently so as to derive maximum benefit for the OHSU and for Oregon. We must strive continually to improve our efficiency and effectiveness and to increase the value of our existing resources by adding to them from research grants, foundation awards, private benefactions and other sources. We must nurture the collegiality and cooperativeness that are blossoming to a gratifying extent on the campus.

Above all, we must engage in an unending campaign to tell the inspiring story of the OHSU to the world at large. In time, this will generate a veritable army of supporters for the University, an army that will still, once and for all time, irresponsible talk of closing this academic health center and that will devote itself during the next session of the Legislature to achieving an even greater increase in the basic support that the OHSU needs so urgently.

The University is embarked on a host of new adventures. In future issues of OHSU News, we will continue to share some of the reasons for excitement about what is happening on Marquam Hill.

With cordial good wishes,

*Leonard Laster*  
Leonard Laster, M.D.  
President



# Young students sample health careers at the OHSU

On the third day of her apprenticeship at the School of Dentistry, Mai Huong Tran is mixing chemicals. She has already done some medical photography and learned a lot about the techniques of working in a laboratory. And under the direction of Thomas Shearer, Ph.D., professor of biochemistry and ophthalmology at the schools of dentistry and medicine, Mai will do much more.

Mai is one of at least 36 high school, college and graduate students (many of them members of minority groups) in special apprenticeship programs at the OHSU this summer. The programs are sponsored by several organizations.

Although the funding sources and campus placement of students vary, all the programs are designed to give students exposure to health care research or clinical work and to encourage them to consider careers in the health professions.

For instance, Mai is on campus under the auspices of the Minority High School Student Research Apprentice Program. According to Shearer, who coordinates the dental school's part of that program, Mai is working in a general research project on the biochemical mechanics of why

cataracts form in the lens of the eye. She also assists two doctoral candidates with their research projects.

A senior at Lincoln High School, Mai says she plans to go into a science-related field and is considering ophthalmology. "Getting the experience of working in a lab will give me an idea of what's ahead," she says, "so I'll know whether I really want to go into this field."

## Research careers explored

The Minority High School Student Research Apprentice Program in which Mai is involved is funded by the National Institutes of Health and offered at health institutions around the country. It grew out of a nationally perceived need to increase the number of researchers who are members of minority groups. The program is in its fourth year at the School of Medicine, which has six student apprentices; and in its third year at the School of Dentistry, which has four apprentices.

According to Peter Bentley, Ph.D., assistant dean for planning at the School of Medicine and coordinator of the medical school's apprentice program, each student

is assigned to a researcher. Under that scientist's direction, the student observes, participates and assists in the lab, often conducting his or her own research project as well.

While the School of Medicine and School of Dentistry programs are separate, they have a combined selection committee to choose the apprentices.

## Exposure to nursing offered

Another summer program, designed specifically for American Indians interested in nursing careers, is sponsored by the Northwest Portland Area Indian Health Board. Five high school seniors and one recent high school graduate are participating in the program, which draws its students from all over the Northwest.

During the six-week course, the six students live on campus in the Residence Hall. They attend math and writing classes at Portland State University, learn skills for getting along in college, tour the OHSU and other health institutions, and take part in some "hands-on" nursing activities.

In addition, each participant is matched with a nurse working in a clinical unit at

the OHSU or in another health care setting.

"Through this preceptorship, the students get opportunities to observe nurses at work, learn nursing skills and talk to the nurses about their careers," says Beth Britton, associate director of Minority Student Affairs.

## Heart research examined

The American Heart Association is offering six college students and three graduate or medical students the opportunity to participate in heart research on the OHSU campus this summer. The students are working with scientists on a variety of heart-related research projects.

In addition, three undergraduate students have been assigned to similar research fellowships at the Oregon Regional Primate Research Center.

Since the Oregon affiliate of the American Heart Association initiated its student fellowship in 1960, nearly 600 students have participated in the program.

## Perinatal health observed

Three more high school students are working as interns in the Division of Perinatal Medicine through a program sponsored by the Lewis and Clark Chapter of the March of Dimes. The interns assist and observe in the Mother-Baby Unit and in Labor and Delivery under the supervision of the units' head nurses or staff nurses.

The March of Dimes funds the summer internships to encourage students to consider going into the field of maternal and child health, with an eye toward furthering efforts to prevent or treat birth defects.

## Primate research investigated

The OHSU is the host institution of the Oregon Regional Primate Research Center, where seven Portland-area high school students are taking part in a nine-week apprenticeship program. The apprenticeships are designed to give graduating seniors an opportunity to work in research laboratories before beginning their college educations, in the hope that they will consider science as a career. The students spend the summer working with Primate Center scientists.

Two of the students were awarded their apprenticeships as part of the Minority High School Student Research Apprentice Program. The other five are funded by the Medical Research Foundation and the Edward S. West Summer Science Apprenticeship Program.

## Year-round mentorship available

One young person who believes she has benefited from the programs offered by the university for high school students is Lisa Fowlkes, now a sophomore at the University of Oregon.

Lisa first took part in the OHSU's Minority High School Mentorship Program, a year-round program for members of minorities that are underrepresented in health science careers. During her senior year at Grant High School, she worked in a laboratory two or three times a week with her mentors, George Crosa, Ph.D., and Lidia Crosa. Then she participated in an apprenticeship last summer, working on a research project in Bentley's laboratory. And this summer, she is back on campus working part-time for Sonia Buist, M.D., professor of medicine and acting head of the Division of Pulmonary and Critical Care Medicine.

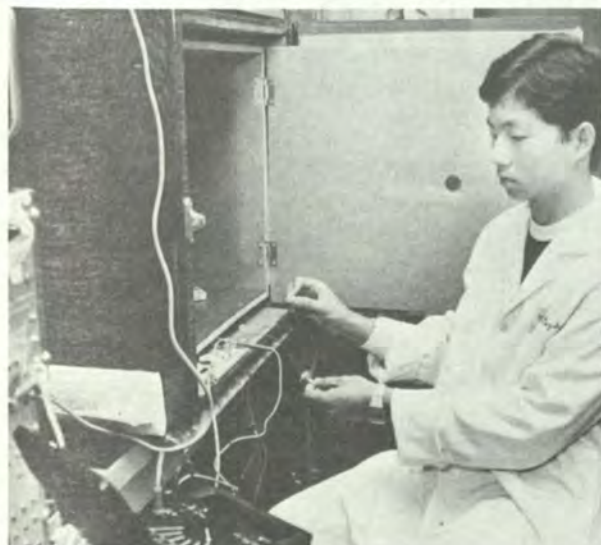
"Through my experiences at OHSU, I really got the feeling of what it's like to work in a lab," Lisa says. "That helped me a lot in my labs as a freshman at the University of Oregon."

"And working in the medical field has also reinforced my goal of going into medicine," she adds.

Offering that kind of encouragement and support is the common purpose behind all the OHSU summer programs for students.



Students on campus this summer for special programs gain experience in laboratory and clinical settings at all three schools. Through the Minority High School Student Research Apprentice Program, Mai Huong Tran (above right) gets help from Dr. Thomas Shearer, professor of biochemistry and ophthalmology, in calculating research findings. Mai is an apprentice at the School of Dentistry. Learning about nursing careers through the Northwest Portland Area Indian Health Board is Dawn Breiler, above left. Here she practices a new skill on Kathleen Tice, director of nursing at the OHSU's Crippled Children's Division. At left, Phuc Thruong, another participant in the minority apprentice program, works in the medical school laboratory of Dr. Christopher Cunningham, associate professor of medical psychology.



## High school graduates spend week at School of Dentistry

For 19 years the Dental Careers Institute has given recent high school graduates a week's intensive exposure to dentistry as a career. Sponsored by the School of Dentistry, its Alumni Association and the Oregon Dental Foundation, the program drew 31 students from six western states and Canada to the university in July.

The Dental Careers Institute, the only one of its kind in the country for a number of years, has served as a model for similar programs elsewhere. Jack W. Clinton, D.M.D., assistant dean for student affairs and chairman of the Department of Practice Planning, has been the director of the

institute for the past 17 years.

According to Clinton, each year a number of students who have been in the institute enroll at the School of Dentistry. Many have become practicing dentists or dental hygienists; some are even faculty members at the school. "We don't offer the program to recruit students, though some of those who go through it do choose to come here. We do it to help them make a career decision," he says.

The most gratifying part of Clinton's work directing the program is the long-term involvement with the participants, many of whom stay in touch over the

years, he says. "Being able to interact with young people at this time in their lives, helping them decide to go into health care, and then eventually seeing them conduct a successful practice is a wonderful experience for me as a teacher. One of the biggest thrills is to get a call from a student who's just received a letter of acceptance to a dental school."

The students, who are recruited primarily through dental school alumni, pay a small tuition fee and pay rent if they stay in the Residence Hall. Sometimes a sponsoring dentist helps a student pay for the program, Clinton says.



# Newsbriefs

The new OHSU Osteoporosis Screening Center, opened in May, is helping patients learn about osteoporosis and their own risk of developing the disease, which results in a decrease in bone mass. Osteoporosis affects some 20 million Americans, most of them women, and leads to easily broken bones in patients' later years.

At the center, bone density is measured by a new procedure that takes only a few minutes and is painless. Based on the density measurement and a questionnaire, each patient receives recommendations to prevent osteoporosis or to slow its progress. For medical evaluation and treatment, patients are referred to their own physician or to the OHSU Bone and Mineral Clinic.

Michael McClung, M.D., associate professor of medicine, is director of both the Osteoporosis Screening Center and the Bone and Mineral Clinic.

The phone number of the Osteoporosis Screening Center is 220-5043.

"I Can Cope," a six-week course for cancer patients and their families and friends, will be offered at the OHSU in the fall.

Co-sponsored by the American Cancer Society, the educational program has been used to help people across the nation learn to live with cancer. The OHSU series, being offered for the second time this year, is coordinated by Jean Moseley, clinical nurse specialist in adult oncology.

For more information call Judy Jensen in the Division of Hematology and Medical Oncology, 225-8534.

Two clinics have been started this summer at the OHSU with the aim of helping people stay well, improve their health and prevent later health problems.

The Nutrition-Lifestyle Clinic deals with obesity, a serious health problem for one out of three Americans. The clinic provides the only nutrition program in Portland that combines weight-loss techniques such as diet, exercise and lifestyle modification with laboratory tests that

## Schwab, others appointed to higher ed board

Gov. Victor Atiyeh has appointed Mildred Schwab, Portland City commissioner, and several others to the Oregon State Board of Higher Education. He also named Robert R. Adams of Corvallis and reappointed John Alltucker of Veneta. All are for four-year terms beginning July 1.

Appointed to a two-year term was F. David Crowell, Oregon State University student. (The other of two student seats on the board is held by School of Dentistry student Terrence Clark, now in the second year of his term.)

The 11-member board makes policy decisions for the eight state colleges and universities.

Schwab succeeds Louis Perry of Portland. A city commissioner since 1973, she recently announced that she would not run for re-election when her current City Council term expires at the end of 1986. Before joining the council, Schwab was in the private practice of law. She obtained her law degree in 1939 at Northwestern College of Law in Portland, now part of Lewis and Clark College.

Adams, who succeeds Edward Harms Jr. of Springfield, is vice president and director of civil engineering, CH2M Hill engineering firm.

Alltucker is owner and president of Eugene Sand and Gravel.

Crowell succeeds Linda Walling, former Western Oregon State College student. He is president of the Associated Students of Oregon State University.

measure the resting metabolic rate (how fast the body burns calories).

Participants in the clinic receive a physical examination, individual diet prescription, exercise program and 10 weekly group sessions to learn new, healthful eating habits.

Diane Elliot, M.D., associate professor of medicine and associate director of the Human Performance Laboratory, directs the clinic. She is assisted by Annie Fanning, metabolics clinic dietician for the Crippled Children's Division, and Sally Sullivan, a nurse who has her master's degree in health education and exercise training.

The new Exercise Clinic aims to prevent cardiovascular disease, the nation's number one killer. The clinic provides cardiopulmonary (heart and lung) testing, body fat analysis, testing of blood cholesterol and triglyceride levels, exercise prescription and daily supervised exercise sessions of aerobics (cycling, rowing, jogging), aerobic dance and weight training.

Linn Goldberg, M.D., associate professor of medicine and director of the Human Performance Laboratory, directs the Exercise Clinic. He is assisted by Kerry Kuehl, exercise physiologist, and Michelle Anderson and Carin Ryan, exercise trainers.

The first sessions start in August, but individuals may join either clinic at any time. For more information call the Human Performance Laboratory, 225-7511.

Five young OHSU patients suffering from chronic kidney disease were able to partake in a new experience this summer: going to camp in the mountains.

A new camp in Colorado called the



Up, up and away went OHSU employees Kerry Hites and Donna Hathaway of Medical Record Services in a balloon ride they won in the "United Way Trivial Pursuit Championship," which was part of the OHSU 1984 United Way Campaign. Judy Wood, Fiscal Services, also won a balloon ride in a drawing among contributors. The balloon rides and the trivia contest were just part of the 1984 campaign, which received an award of excellence from the Columbia-Willamette United Way in recognition for running the most innovative United Way campaign. OHSU employees and students also got chances to dunk campus "celebrities" in a tank and shoot questions at the trivia teams. Dar Reveal, director of continuing dental education, is chairing the OHSU United Way campaign for the second year. He and a committee are planning to kick off this year's campaign in late September; it will have an athletic theme.

Moncrief Mountain Ranch allows children between 8 and 18 with chronic kidney failure, diabetes and other chronic diseases to take part in outdoor activities such as horseback riding, canoeing, camping out — even rappelling down a 50-foot cliff.

The camp was built by Jack Moncrief, M.D., of Austin, Tex., one of the inventors of continuous ambulatory peritoneal dialysis (CAPD). CAPD allows people who would otherwise spend many hours at-

tached to stationary kidney dialysis machines to lead a more active life.

The five patients from the OHSU, all on CAPD, attended the camp on scholarships from the Moncrief Foundation; their air fare was donated by Travenol Laboratories and Frontier Airlines.

Steven Alexander, M.D., associate professor of pediatric nephrology at the OHSU, was a volunteer staff physician at the camp for two weeks this summer.

## Krippaehne, former surgery chairman, dies

William W. Krippaehne, M.D., professor emeritus of surgery, died June 18 at the age of 68. A few days before his death, surgery department faculty honored him by presenting the first William W. Krippaehne Award at the School of Medicine's Hooding Ceremony. The award was established upon Krippaehne's recent retirement after 35 years of teaching and almost 20 years as department chairman.

The annual award to an outstanding senior surgery student went for the first time to Benjamin Bryant, M.D. Bryant has since begun his surgery residency at the University of Indiana.

"Dr. Krippaehne embodied the twin essentials of the excellent academic physician — an abiding dedication to the best interests of his patients and unlimited willingness to share his knowledge, skills and wisdom with generations of medical students, resident physicians and colleagues," said Leonard Laster, M.D., OHSU president.

"His was no ordinary constellation of skills. He was an indefatigable teacher. He was a surgeon's surgeon. I have known personally of patients who in their youth

were referred to the Health Sciences University because their physicians had reached an impasse in their treatment; under Dr. Krippaehne's experienced eye and dexterous fingers they were restored to robust good health.

"What better role model for his students and trainees? He leaves a void of enormous magnitude in the university and in the profession," Laster added.

John Kendall, M.D., dean of the School of Medicine, continued, "Dr. Krippaehne led our Department of Surgery as its supreme clinician, esteemed teacher and medical school leader. We will all miss his masterful skills and wise counsel.

"Everything he touched was well done, but especially his teaching. He was a teacher above all, making 7 a.m. chief rounds, taking special pains to help medical students. By leaving his mark on so many, he achieved immortality.

"Dr. Krippaehne was very interested in the welfare of the medical school. Fifteen years ago he led the struggle to overhaul and renew the curriculum of the school; that new curriculum is still in effect today. He was instrumental in bringing a number

of other programs with lasting significance for the School of Medicine and the university. One example is his work in starting the Clinical Research Center, which has remained a vigorous program supporting clinical research," Kendall said.

Kendall pointed out that Krippaehne attracted donations such as the recent Gerlinger bequest of more than \$3 million for support of research in the School of Medicine and financial aid for medical students. He also helped attract the Hedinger bequest, which was valued at \$688,800 when it was made in 1978 and will result in the establishment of the Hugh and Georgeina Hedinger Chair in Surgical Oncology when it reaches a value of \$1 million.

Donations may be made in his memory to the OHSU Foundation for uses in the Department of Surgery.

Krippaehne's wife, Marion Krippaehne, M.D., is a professor of medicine and assistant dean for women at the School of Medicine, and his brother John Krippaehne, D.M.D., is associate professor of oral diagnostics at the School of Dentistry.

An article about Krippaehne appeared in the June 1985 OHSU News.

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