



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.

It's official: the UOHSC is now the OHSU

The University of Oregon Health Sciences Center, Oregon's only academic health center, has a new name. The passing of House Bill 2641 by the State Legislature, signed by Governor Atiyeh on May 29, made it official.

It is expected that the new name, the Oregon Health Sciences University, will make it clear that the institution is a free-standing member of the Oregon State System of Higher Education, separate and distinct from the University of Oregon in Eugene.

At one time, degrees granted to students in the medical, dental and nursing schools at the Portland institution were issued through the U of O, which also had academic oversight responsibility for the three schools. However, in 1974 the three schools, the Crippled Children's Division, University Hospital, and the Dental Clinics were reorganized into one university for the education of health professionals in this state.

In testimony before the subcommittee,

President Leonard Laster pointed out to committee members that "the administrative tie (to the U of O) was severed in 1974, but the name selected for the new Health Sciences Center failed to reflect the change with precision or clarity."

"The name change clarifies the mission, role and structure of The Oregon Health Sciences University," explained President Leonard Laster.

Detailing the reasons for selection of the new name, which came after a great deal of consideration and comments from faculty, students, citizen advisory groups and others, President Laster said the name should begin with Oregon to "reflect the state-wide nature of the activities, responsibilities and accountabilities of the institution."

More than 95 percent of the 2,000 students at the University are from Oregon,

and virtually all counties have sent students here in the past five years. Patients cared for at the institution come from every part of the state. In addition, one-third of all physicians now practicing in Oregon have received part or all of their training at the OHSU; 80 percent of the dentists practicing in the state are graduates of the School of Dentistry, and 90 percent or more of the School of Nursing graduates work in Oregon within a year of receiving their degree.

"The last word of the new name," 'University' President Laster said, "is intended to reflect the basic mission of the institution — to teach, to train, and to enable the most talented children of Oregon to acquire the knowledge and skills that will make them competent health professionals."

"The words 'Health Sciences' reflect not only the caring aspects of the institution, but the understanding of disease at the most basic level which is required to make effective therapy possible."

The name change was strongly recom-

mended by the Northwest Association of Schools and Colleges, which recently granted the OHSU its accreditation as a free-standing university in the Oregon State System of Higher Education. In addition, a survey conducted by the firm of Bardsley & Haslacher last May showed that there was extensive confusion by people in the state about the University's identity. The Oregon Medical Association also endorsed the name change.

Finally, Dr. Laster emphasized that the name change is extremely important to enhance the University's support from the private sector as a supplement to state support. "If private individuals and corporations are indeed to superimpose a margin for excellence on the state-supported foundation, it is most important that the public at large understand the nature of the OHSU and its contributions to the people of Oregon. One step toward that understanding is giving the University a name that clarifies its mission, role and structure."

Commencement celebrates achievements, excellence

Proud students, family members, friends and faculty converged on the Portland Civic Auditorium on the evening of June 12 for 1981 commencement ceremonies.

The event marked the last time that students will be handed diplomas proclaiming them graduates of the University of Oregon Health Sciences Center. Next year's class, reflecting the recent name change of the institution, will graduate from the Oregon Health Sciences University.

Gerard Piel, publisher of *Scientific American* who is noted for his outstanding contributions toward the public's understanding of science, delivered the commencement address.

Citations for Distinguished Achievement

At the all-hill ceremony, six Citations for Distinguished Achievement were presented by President Leonard Laster. The citations were initiated by Dr. Laster in 1979 to recognize those individuals whose efforts reaffirm the basic principles and disciplines that underlie The Oregon Health Sciences University.

Dr. Carol Lindeman, dean of the School of Nursing at the OHSU, was honored for her capacity for creative leadership.

Dr. William Montagna, leader of the

(continued on page 5)

Dean Carol Lindeman prepares to accept a congratulatory kiss from Dr. Albert Starr. Both were presented Distinguished Achievement citations, two of six so cited, at commencement ceremonies. Stories of these and other award recipients continues on page 5.



Echo laboratory: sounding out patients' hearts

In the OHSU's Echo Lab, located in University Hospital, Dr. Ronald Schutz, assistant professor of cardiology, and his team of highly-trained technicians are bouncing ultrasound waves off patients' cardiac structures as a non-invasive way of taking readings of suspicious sounding hearts.

Known as echocardiography or ultrasound, the basic component of this relatively new diagnostic tool is a transducer, much the same as that used in microphones or recorder playback heads, which generates short pulses of ultra-high frequency sound and then converts the returning echoes into electrical impulses which appear on an oscilloscope screen.

The transducer is placed on the patient's chest, in the spot Dr. Schutz refers to as "the window" to the heart, where it is angled to transmit short pulses of high frequency sound into the various reaches of the cardiac structure. An immediate reading appears on the screen while a permanent record is either printed on a paper roll or videotaped for future study.

"The procedure is both painless and safe," Dr. Schutz said. "Before echocardiography there was not much available to us in the way of diagnostic tools between the physical examination and a cardiac catheterization, which does invade the body, is uncomfortable and involves some physical risk."

The Echo Lab has two types of ultrasound cardiographic equipment, the M-mode and the 2-D (two-dimensional) imager. "The M-mode cuts through the cardiac structure and gives us a single-dimensional image of the workings of the heart," Dr. Schutz said. "The 2-D machine beams a fan of sound rays to create an imaging plane that looks like a heart. The 2-D allows us to see all four pumping chambers, look up into the apex, and view the heart's overall functions."

"But because of the 2-D's fanning motion it's impossible to see any one spot more than 50 times a second, while the M-mode allows very fine measurements with its fixed beam's ability to sample 1,000 times a second. Big problems show up easily on the 2-D machine. But let's say that you're treating a patient with a leaky heart valve and you want to know if the patient is improving. Changes may be subtle, measured on a few millimeters. The fine sampling of the M-mode can tell you, 'Yes, the treatment is

working,' or, 'Hey, I'm not getting anywhere. Let's change the therapy.' Right now, we feel that the ideal study is with both machines."

In the busy Echo Lab, which performs 50 to 55 studies a week — "We're stretched to our capacity," Dr. Schutz said — technicians perform the actual study with the patients. "What I get to look at is a selected view of what technicians consider to be important," he said. "I trust their judgment. Together we review the study. The comments of the technician help me 'be there' with the patient, help me to interpret what we're looking at on the print-out or on the videotape."

Technicians are trained in a two-year program where they learn the technological skills associated with cardiology.

"To be a technician takes a lot of brain power, a lot of practice, and a lot of understanding of that which is seen," Dr. Schutz said. "And there's such a thing as having good hands," he added, "the ability to be facile with the complicated equipment and

make it work up to its potential. All of our technicians are excellent."

Hearts studied by the ultrasonic equipment belong to a wide spectrum of patients. "From one-year-olds to the very elderly," said Dr. Schutz, "from those who are too ill to withstand an invasive diagnostic tool to those who have only a suspicion of a problem."

Increasingly, University Hospital has become a center for out-patient echocardiography. "Our studies have increased 30 percent over last year," Dr. Schutz said, "largely because of referrals from outlying communities where cardiac ultrasound is not available."

University Hospital's Echo Lab also does more pediatric studies than any other hospital in the state. "For many reasons," Dr. Schutz said. "The hospital has the oldest and largest neonatal intensive care unit in Oregon as well as the only pediatric transport program. Doernbecher Hospital is known as the outstanding children's hospital in the state. Many referrals come

through the Crippled Children's Division which is headquartered here. It's no wonder that the Echo Lab studies so many youngsters with congenital heart defects."

The Lab's equipment is not only used as a diagnostic tool for patients but also in ongoing research projects. "Right now, we have studies that are looking into the effects of therapeutic drugs on the heart as well as studies on the effects of vigorous exercise on cardiac functioning. The machines allow us to measure extremely subtle changes."

There is nothing new about the concept of ultrasound that is used in University Hospital's Echo Lab. Certain birds and animals have always echoed sound to establish distance perception. For more than a half-century oceanographers have bounced sound waves off the bottom of the sea to assure safe sailing waters. But only recently, with ever increasing technological developments and applications, has ultrasound been adapted as a way to safely plumb the depths of the heart.

ICRS collects nationwide chromosome data

If your child has Down's Syndrome, what is the probability that you might have another child with the same abnormality? What are the probabilities of having a child with a birth defect?

The Interregional Cytogenetic Register System (ICRS), headquartered at the OHSU, is beginning to answer these questions by maintaining a computerized registry of genetic and clinical cytogenetic (chromosome study) information. The ICRS is the nation's first and only central registry for collecting information on chromosome aberrations causing birth defects and mental retardation. The data collected from five regions throughout the country from tests on individuals and their families is contributing to better health care and delivery in the area of diseases due to chromosome abnormalities directly through the implementation of genetic services such as diagnosis, counseling and followup, and through genetic research.

The ICRS was begun in 1973 by Dr. Frederick Hecht, former professor at Crippled Children's Division, under a pilot study program of the National Institutes of Health (NIH). Currently there are over 30,000 individuals listed in the registry. It is projected that more than 40,000 persons will be on file by the end of 1982. In addition, 7,000 amniocentesis samples are in the data bank. That number is expected to increase 20 to 40 percent in the next year.

"The ability to collect diverse data on a large number of individuals and their families is the key to the ICRS's unique program," explained Dr. Linda Pasztor, the director of ICRS and associate professor of medical genetics at the School of Medicine. "As the data base continues to grow, we will be able to offer much more help to those seeking cytogenetic information."

The ICRS is now primarily used by scientists, geneticists and genetic counselors throughout the country. One of the major goals of the ICRS is to increase the usage of the data by making the scientific community aware that it is available at a minimal cost. Also of importance are increasing the ease of data retrieval and the participation of other high-quality laboratories in submitting data.

The ICRS has aided many genetic counselors seeking information for couples with a history of chromosome abnormalities to determine the probability that they may have a child with a birth defect and for families who already have a child with a birth defect to determine the probability of the defect recurring.

Dr. Pasztor recalls specific cases for which the ICRS was able to release vital information that could not have been pro-

vided elsewhere. A genetic counselor in California was seeking information for a couple wondering what the chance of survival was for their child who had extra material on the ninth chromosome. From data of similar cases, the ICRS was able to determine that the chances of survival were moderately good.

In another case it was asked what effect an extra chromosome in an amniocentesis cell would have on an individual. The ICRS reported that while there might be some chance of abnormalities, these chances were extremely low and, most likely, the extra chromosome would cause no effect at all.

In addition to the OHSU, Yale University School of Medicine, University of Tennessee Center for Health Sciences, University of Indiana Medical school and the New York State Birth Defects Institute Laboratory contribute to the registry data. Each of the regions records its patient information on three data forms which are sent to the OHSU for processing. After keypunching, tapes with data are sent to Oregon State University for computer entry. The information is accessible to the OHSU via remote terminal.

The data collected includes sex chroma-

tin studies, laboratory procedures, the type of tissue used to obtain each karyotype, demographic data, clinical information (phenotypic manifestations and/or diagnosis) and karyotype results. In addition, data concerning sex chromosome complement, autosomal mosaicism, breakage and somatic rearrangements, the Paris nomenclature, and a matrix to delineate the specific chromosome results are collected. The tests conform to the restrictions of each participating institution as well as the federal government in regard to maintaining patient confidentiality.

"Certain cytogenetic information may have implications for every member of a family so the data we collect is family oriented," Dr. Pasztor said. "Geneticists consider the people who are, have been and will be affected by chromosome abnormalities."

The size of family cases listed range from one or two numbers to 150 persons.

"Working with the enormous amount of data that we do costs a great deal of money, yet in order to be totally effective, the data bank must continue to grow in size," said Dr. Pasztor. "We are continually seeking more and more case studies throughout the five regions."

Party promotes name dropping

Unabashed name dropping went on Friday afternoon, May 29, in front of MacKenzie Hall. The HSC formally dropped the name it's been known by for the past seven years and literally dropped its new name in the form of a 26-foot banner down over an old name (etched in stone on the building), the University of Oregon Medical School, which was dropped in 1974.

About 200 employees, staff and students dropped by for pop and popcorn and to participate in the festivities.

In honor of the occasion the fountain in front of MacKenzie Hall, which has austere splashed for two years, was turned on "for one-and-one-half minutes only," promised President Leonard Laster.

School of Dentistry student Bob Leon delighted the crowd with ragtime renditions on an austere untuned piano.

He was followed by Jim McMahan, a School of Medicine student, whose juggling act involved keeping a minimum of three balls in the air while eating an apple on its turn past his mouth.

Dr. Laster was encouraged to try his hand at juggling. "It should come in handy, considering the budget," the president said. He promptly bounced all three balls into the petunias where Jim McMahan sadly retrieved them.

The name droppers stayed around until the last popcorn kernel hit the butter and the rain drops turned into drizzle.

Oh yes — the new name. Don't bother to look for it on the 26-foot banner. The 26-foot banner has disappeared.

"A bit of body english," coaches Jim McMahan as Dr. Laster attempts a toss.



THE OREGON HEALTH SCIENCES UNIVERSITY

Vol. 10, No. 3
May/June 1981

The Oregon Health Sciences University, 3181 S.W. Sam Jackson Park Road, Portland, OR 97201

Leonard Laster, M.D., President

Mary Ann Lockwood, Executive Editor, Executive Assistant to the President and Director of University Relations

Yvonne Michie Horn, Acting Managing Editor

Credits

Marlys Levin, photographer, layout and design
Lynn Neillie, writer
Shelley Paxson, writer, layout
Chuck Williams, photographer

Permission is granted to reprint or to excerpt material from this publication for use in other media, with appropriate credit to The Oregon Health Sciences University News.

The Oregon Health Sciences University is an equal opportunity institution in the provision of employment and student services without regard to race, color, national origin, marital status, sex, age, religion, or handicaps which do not preclude satisfactory completion of educational or clinical requirements.

Appointments: Four positions filled on 'hill'



Pictured above are the four new OHSU appointees. From left to right: Peter C. Seidel, assistant director of support services of University Hospital; Dr. John A. Resko, physiology department chairman, School of Medicine; Sylvia Pearson, R.N., nurse recruiter for University Hospital; and Lewis A. Schatz, director of security for the OHSU.

Lewis A. Schatz has been selected as director of security for The Oregon Health Sciences University. Previously, Mr. Schatz was a senior police officer in the Lebanon police department.

Mr. Schatz received a master of science degree in criminal justice from the University of Portland and a bachelor of science degree in police science/administration from Washington State University. Last year, he completed a degree in supervision from Linn-Benton Community College.

Additionally, the OHSU's new director of security has had extensive training in the military and is a major in the army reserves. He is currently completing command and general staff college, a school for high-level military personnel.

Mr. Schatz is listed in the 1981 "Who's Who in American Law Enforcement." He is president of the Oregon Juvenile Law Enforcement Association and a member of the International Association of Chiefs of Police and the Oregon Peace Officers Association. He will continue as an instructor for the state board of police standards and training.

In his new duties, Mr. Schatz will be responsible for the direction and administration of all security operations on the OHSU campus. He will supervise a team of 15 security officers.

Dr. John A. Resko, professor of physiology in the School of Medicine, has been named the new chairman of the physiology department.

Dr. Resko is also a senior scientist in reproductive physiology at the Oregon Regional Primate Research Center.

He joined the Primate Center in 1964, coming to the OHSU two years later in a joint appointment with the ORPRC.

A native of Patton, Pennsylvania, Dr. Resko received his undergraduate degree at St. Charles Seminary in Philadelphia, his master's degree in zoology from Marquette University, and a Ph.D. from the University of Illinois in Urbana in animal physiology. His post-graduate work was done at the university of Utah in steroid biochemistry.

A member of several editorial boards for professional journals, Dr. Resko has been active in the Society for the Study of Reproduction and The Endocrine Society. He has authored or coauthored over 60 research articles on the mammalian reproductive system.

Dr. Resko's research pertains to the effect sex hormones have on the developing brain and pituitary gland of fetal primates and the actions of these hormones during the menstrual cycle. Dr. Resko's work helps explain the role of hormones in primate development. His work on endocrine regulation of the menstrual cycle provides new information about the cyclic changes of reproductive hormones throughout the menstrual cycle and their relationship to ovulation.

Sylvia Pearson, R.N., has been appointed nurse recruiter for University Hospital.

In this recently created position at the OHSU, Sylvia Pearson will help design and coordinate programs to enhance nursing recruitment and retention. She will also serve as liaison between personnel and nursing services in the placement process.

"Recruitment of nurses is a nationwide priority," Sylvia Pearson said. "University Hospital's needs are not an exception."

In seeking to maintain and enlarge the Hospital's nursing staff, Ms. Pearson is quick to point out the unique opportuni-

ties open to those seeking a position at the OHSU. "As the only institution in Oregon devoted to the education of health professionals, University Hospital offers almost limitless opportunities for continuing education," she said.

A graduate of the University of Washington, Sylvia Pearson has had nursing and supervisory experience at Merle West Medical Center in Klamath Falls and at Meridian Park Hospital in Tualatin before accepting her appointment at the OHSU.

Peter C. Seidel has recently been appointed assistant director of support services of University Hospital.

He is responsible for the management of various ancillary departments of the Hospital, which includes materiel management, physical and occupational therapy, food services, housekeeping, and infection control.

A professional trombonist, who has performed with entertainers such as Chuck Mangione, Trini Lopez and composer Aaron Copeland, Mr. Seidel completed his undergraduate study at Syracuse University, N.Y., in 1972 with a B.A. degree in music. He graduated from Cornell University in 1974 with a master's degree in hospital and health services.

Before coming to the OHSU, Mr. Seidel was administrator of Placid Memorial Hospital, Lake Placid, N.Y., the official hospital of the 1981 Winter Olympics. He played an important role in the Olympics as a consultant to the medical administrator of the Lake Placid Olympic Organizing Committee.

A member of the American College of Hospital Administrators, Mr. Seidel replaces Manuel Berman who has been appointed associate director for professional services at University Hospital.

Reorganization affirms body of nursing knowledge

The School of Nursing is completing the final steps of a major organizational overhaul designed to base departmental structure on nursing's body of knowledge instead of reflecting the names of hospital units where nurses go to work.

"The reorganization affirms that it is the body of nursing knowledge that determines the organization of the nursing curriculum. This body of knowledge differs from that underlying the medical curriculum. It also differs from the organization of patient care units in the hospital," Dr. Carol Lindeman, dean of the School of Nursing, explained.

From six departments known as maternity nursing, pediatric nursing, medical-surgical nursing, psychiatric nursing (all names of hospital units where nurses are placed), community health nursing, and graduate studies, the School of Nursing will move to four departmental headings.

"In contemplating reorganization, we looked at the knowledge we offer students," Dean Lindeman said, "and asked, 'How is that knowledge divided? How best can it be offered to students?'"

After intensive review, four basic di-

visions were identified and four new departments named:

- The care of individuals who are sick or trying to stay healthy will be represented by the department of adult health and illness, headed by Dr. Charold Baer.

- The nursing care when dealing with a family — "Maternity and pediatrics, for instance, are family concerns," explained Dean Lindeman, "as is the care of the frail elderly," — will be known as the department of family nursing with Dr. Joanne Hall as chairperson.

- The work within the community on epidemiological and environmental concerns is the reorganized department of community health care systems headed by Dr. Caroline White.

- The care of people who have psychological instead of physical problems falls under the chairmanship of Dr. Florence Hardesty and will be known as the department of mental health.

The faculty in these departments will teach students on both the graduate and undergraduate levels.

"The intent of the reorganization is to improve the quality of education by clarifying

the nursing theory and nursing technology students should learn in courses offered by the four departments," Dean Lindeman said.

"Nursing knowledge differs from that underlying the medical curriculum. It differs from the organization of patient care units in the hospital."

"For example," she continued, "in a department labeled maternity nursing, the student would expect to learn to care for a woman during labor and delivery. But in a department concerned with family nursing, the student would learn about caring for the woman during labor and delivery but in the context of the entire family. Nursing care would address the father, other children, and the newborn as well as the pregnant woman."

The final step in the reorganization process will be changes in curriculum content.

"Departments are holding retreats. Faculty are studying and upgrading their skills in order to effectively teach the content

required by the new structure," Dean Lindeman said. "For instance, ten faculty members are taking special course work this summer in family nursing."

"Changes in nursing practice require changes in nursing education. The question is, 'What knowledge and skills do nurses need for today and tomorrow?' The School of Nursing's reorganization responds to that question with exciting challenges for the future."

Help Us Cut Costs

Did you know it costs the OHSU 25¢ for each address correction given by the post office? Multiplied many times by fast-moving alumni, employees, and faculty, our bills for postage due can run into several hundred dollars a year.

Help us avoid this expense. Send us your change of address as soon as you know you'll be moving. We'll save money, and you'll continue to receive *The OHSU News* without interruption. If you're moving, please cut off the address label on page 8, correct it, and mail it to *The OHSU News*.

Oral pathology lab finds hidden diseases

The mouth has been described as "the gateway to the soul" and "the outlet of the heart" but according to findings at the School of Dentistry, it can also be the mirror of many diseases, both oral and systemic.

"There is a definite interrelationship between oral diseases and systemic diseases," explained Dr. Murray Bartley, professor of pathology at the School of Dentistry. "Diseases that are not directly related to the mouth can frequently be identified by an oral examination."

Directed by Dr. Bartley, the School of Dentistry oral pathology department is a referral center for patients and surgical specimens within Oregon and the surrounding states. It is the only pathology service specializing in oral disease in the state. The primary task of the laboratory is to diagnosis oral lesions and secondly, to refer them to the care of the proper therapist.

"The laboratory is both a diagnostic area

and a source of teaching material," Dr. Bartley said. "Professors actively use diagnostic studies of biopsy materials in their teaching so that students may benefit from the laboratory. As the biopsies, consultations and patients are divided up for examination among the faculty, each department member has access to recent laboratory findings."

More than 1,700 pre-surgery patients are sent to the laboratory each year from the School of Dentistry clinic's surgical specialists in endodontics, periodontology and oral surgery. As a preparation for surgery, tests are conducted to determine if the patient has any hidden disease, such as diabetes, that might alter the course of treatment.

Approximately 1,800 biopsy specimens are received annually for surgical pathology processing and evaluation from dentists and physicians throughout the entire state of Oregon, southern and eastern

Washington, Idaho, Montana, Wyoming and the Dakotas. Consultation is also provided for biopsy specimens that have been processed elsewhere.

The laboratory, staffed by diagnosticians and therapists within the oral pathology faculty at the dental school, sees approximately 350-400 patients a year for diagnosis of specific oral diseases. Patients seen in the department are usually referred by general practitioners, oral surgeons and other dental specialists, as well as certain medical specialists, from around the state, primarily metropolitan Portland and the eastern and southern regions of Oregon.

Diseases diagnosed from specialized tests for these patients have included leukoplakia (clinical white lesions), herpes simplex, tuberculosis, infectious mononucleosis, nutritional disorders such as scurvy, vitamin B complex deficiencies, and allergies. Approximately one-tenth of all the oral cancer cases in Oregon are diag-

nosed at the laboratory.

Specialized examinations may include fluorescent antibody studies, microbiological cultures and oral cytology.

Fees for examinations are charged to patients. The money goes directly into the general clinic fund to help defray operational costs.

As a result of his work in the laboratory, Dr. Bartley feels that self-examination is crucial to general oral health status.

"Too many cases of oral diseases, such as oral cancer, are seen in the advanced stages, indicating the public's lack of knowledge regarding self-examination," Dr. Bartley said.

"If a 'sore' in the mouth does not heal or show signs of regression within two weeks, a person should have a biopsy. The earlier that lesions can be evaluated, the earlier they can be treated and/or prevented from becoming frankly neoplastic."

OHSU serves as classroom for Oregon's physicians

Dr. Lowell Euhus is a general practitioner in Enterprise, Oregon, a community of 2,000 located, as frequently described, "a couple of hours from anywhere." Nearest neighbor — the surrounding Wallowa Mountains.

Recently Dr. Euhus arranged a week away from his patients at the Winding Waters Clinic where three of the four physicians in Wallowa County, population 70,000, practice. Dr. Euhus, School of Medicine class of 1968, was going back to school.

"We have new coronary care equipment at Wallowa Memorial Hospital," Dr. Euhus said. "I wanted to familiarize myself with its use as well as brush up on coronary care." The OHSU's department of continuing education gave him that opportunity through its mini-residency program.

For one week Dr. Euhus, in a "hands-on" atmosphere at University Hospital, listened, asked questions and became in-

involved in the activities of the department of cardiology under the tutelage of his teacher-colleague, Dr. Frank E. Kloster, professor of medicine and division head. "It was exciting to get back to the academic setting," Dr. Euhus said. "Some of the biggest brains in cardiology are right here."

At week's end Dr. Euhus returned to Enterprise, goal accomplished.

Dr. Julian S. Reinschmidt, head of the division of continuing education, described the OHSU's mini-residency program as "perhaps the finest type of continuing educational experience."

"Mini-residencies are not meant to train or retrain," he said. "Instead they are designed to refresh skills in a given area, or to provide an opportunity to acquire skills related to a new development."

An Oregon physician's term in the OHSU's practical and applicable "classroom" may be as short as one week or as

long as 12. Each mini-residency is tailored to an individual's needs, a tailoring process that begins with a clear statement of what the physician hopes to accomplish.

"A vague desire to learn something makes it difficult to work out a meaningful program," Dr. Reinschmidt explained. Instead, a physician defines his or her goal and then works with the department to see if that goal can be accomplished within the confines of time, resources, and the availability of faculty. "To design an appointment takes effort, a meeting of minds, and commitment — commitment indicative of that to come," Dr. Reinschmidt added.

Commitment is not one-sided. "The faculty does an outstanding job in stretching to accommodate Oregon physicians' goals," Dr. Reinschmidt said. "They feel a responsibility for the state's patients' care. And they enjoy the teacher-colleague relationship; to be involved with someone

coming back to refresh or to learn something new. It's a satisfying experience all around."

Dr. Kloster agreed. "It's an effective way for physicians to observe, become involved, and take new techniques back to their communities and hospitals. But it works both ways," he said. "As we make rounds and hold discussions, the physicians bring to us a real world view of how they practice on a practical day to day basis."

Now that Dr. Euhus has returned to Enterprise, all three partners in the Winding Waters Clinic have brushed up on advances in coronary care and have familiarized themselves with the new coronary care equipment at Wallowa Memorial Hospital via mini-residencies.

Said Dr. Euhus of the OHSU's classroom for Oregon's physicians, "It has served the people of Enterprise and Wallowa County well."

School says goodbye to three



Dr. Milton J. Knapp



Dr. Robert F. Watkins



Dr. Charles J. Stout

Dr. Charles J. Stout, professor of removable prosthodontics, Dr. Robert F. Watkins, associate professor of endodontology, and Dr. Milton J. Knapp, associate dean of clinical affairs, have announced their retirements from the School of Dentistry.

Dr. Watkins has been at the OHSU for 32 years, Dr. Stout for 26, and Dr. Knapp for eight years.

Two festive farewells were held in honor of the retiring three. The first, a tea where colleagues, staff, and friends were encouraged to drop by to reminisce, and wish the three well for the future. The second occasion was a dinner and presentation at the Multnomah Club.

What do the retirees have planned for their free days ahead? Their responses prove that dentists like to work with their hands: "Build scale-model, radio-controlled aircraft," said Dr. Watkins. "Wood-carving," said Dr. Stout who plans to sharpen his whittling skills with classes at P.C.C. "Learn the fine points of automotive re-

pair," said Dr. Knapp who will tune up his mechanical ability also at P.C.C.

In addition, Dr. Stout will be back at the OHSU in the fall, two-and-a-half days each week, "to gently ease my way into complete retirement," he said. Dr. Watkins has gentle easing in mind, too. He will help out in the endodontia department a half-day each week.

And what else?

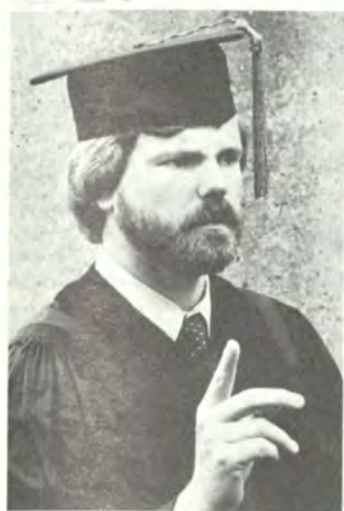
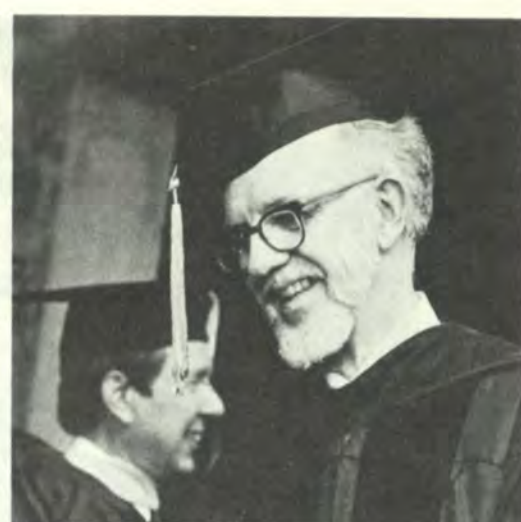
"My wife has lots of plans," said Dr. Watkins, "for me to work in the yard. We may take a cruise. I plan to play."

Dr. Stout noted that some of his retirement days will also be spent in his garden. And then he added as he looked back over the past 26 years, "I'll miss the students. They're young, eager, and full of enthusiasm. It's fun to watch them learn and grow. Each class has its own personality."

Dr. Watkins agreed as he counted back to the class of 1949. "It's the students — I'll really miss my association with the students," he said.



Minority high school students attending Health Careers Day on April 16 heard the encouraging words, "You can do what you want to do and we're here to help you find your way." Accordingly, the students heard about the newly instituted mentorship program, sponsored by the OHSU faculty senate, that teams an interested student with a faculty member who will advise and shepherd them as they prepare to embark on a health-related career. Here, pictured, are a group of the high school students on tour of the School of Nursing (patient is Sally Ann, a lifelike plastic dummy) one of several tours of the campus arranged for Health Careers Day.



Celebrating the 1981 commencement are, clockwise from top left: School of Nursing graduate Jill Taylor, winner of the Elnora Thompson Award, with her father Chester Taylor and mother Carolyn Taylor, a 1976 alumnus of the School of Nursing graduate program; OHSU President Leonard Laster with commencement speaker and presidential citation recipient Gerard Piel, publisher of "Scientific American"; Dr. Robert Bacon, professor of anatomy in the School of Medicine and co-recipient of the Allan J. Hill Teaching Award; School of Medicine graduate Carol Springer, winner of the Edward S. Hayes Gold Headed Cane Award with Mr. and Mrs. Edmund Hayes; Randall Adams, a School of Dentistry award recipient; and Grant Lindquist, School of Medicine senior class president.

Commencement recognizes outstanding achievers

(continued from page 1)

Oregon Regional Primate Research Center since 1963, was cited for his "breadth of vision and commitment to quality."

Inventor, engineer and founder of American Edwards Laboratories, M. Lowell Edwards was the third distinguished achievement citation recipient. Lowell Edwards, holder of 63 patents, was co-inventor of the Starr-Edwards mitral valve. Said Dr. Laster, "Your exceptional skills and talents were brought to bear on a problem related to a critical disorder of the human heart. Today countless individuals go about their daily lives unaware of their deep indebtedness to your outstanding creativity."

Of Dr. Albert Starr, the fourth recipient, Dr. Laster said, "Your work in breaching the cardiac frontier and in bringing new length of life and a new quality of life to thousands of patients afflicted with heart disease, through direct intervention and your training of other cardiac surgeons, warrants unstinting appreciation." Dr. Starr, professor of surgery and head, division of cardiopulmonary surgery at the OHSU, is co-developer with Lowell Edwards of the mitral valve.

Commencement speaker Gerard Piel was honored as a builder of bridges between the sciences and the humanities. "Through the written word," said President Laster, "you have contributed immeasurably to our understanding and to our felicitous utilization of scientific knowledge."

Dr. James A. Shannon, scientist and public servant and a past director of the National Institutes of Health of the U.S. Public Health Service, was honored for changing the practice of clinical disciplines by adding a scientific basis to the coping aspects of health care. "You are, in many ways, a founding father of contemporary scientific medicine, dentistry, nursing and allied health professions," said Dr. Laster of Dr. Shannon's achievements.

Student awards

In separate ceremonies during commencement week, the OHSU's three pro-

fessional schools honored their graduates.

Sixteen graduating students from the School of Dentistry received awards. They are: Randall Adams, Academy of Operative Dentistry Award, Chris Kelly, Fixed Prosthodontics Award, Alpha Omega Scholarship Award, and the Omicron Kappa Upsilon Award; Rickland Asai, Omicron Kappa Upsilon Award; Craig BenBen, American Dental Society of Anesthesiology Award; James DeCosta, Theodore Koppanyi Award in Pharmacology, American Academy of Oral Medicine Award, American College of Stomatologic Surgeons Award, American Association of Oral and Maxillofacial Surgeons Award, John P. Jarabak Memorial Award in Oral Surgery, and the Omicron Kappa Upsilon Award; Timothy Edvalson, American Academy of Dental Radiology Award; Larry Frugoli, the UOHSC School of Dentistry Alumni Association Award, C.V. Mosby Scholarship Book Award, Academy of General Dentistry Award, Omicron Kappa Upsilon Award, Psi Omega Fraternity Award, and the American Association of Endodontics Award; Douglas Fry, Omicron Kappa Upsilon Award; Michael M. Hostager, Omicron Kappa Upsilon Award; Michael Koropp, C.V. Mosby Scholarship Book Award, International College of Dentists Award, Omicron Kappa Upsilon Award; Marianna McLean, Omicron Kappa Upsilon Award, Chris Kelly Fixed Prosthodontics Award; Martha Rich, Omicron Kappa Upsilon Award; Lonn Robertson, Psi Omega Fraternity Award; Daniel Saucy, Oregon Society of Periodontists Award; Jay Scholfield, American Academy of Periodontology Award; Victor Schwartz, C.V. Mosby Scholarship Book Award, Omicron Kappa Upsilon Award; James Smith, Stephen P. Peglow Memorial Fund Award, Ernest A. Hurley Humanitarian Award; Bruce Stoutt, Xi Psi Phi Fraternity Award; Jeffrey Timm, American Society of Dentistry for Children Award, Ernest A. Hurley Humanitarian Award, Dental Assistant Teacher Award.

The School of Dentistry also selected the department of pharmacology as the Best Didactic Department.

From the department of dental hygiene, awards were presented to: Virginia Allen, Ernest Hurley Humanitarian Award; Linda Miller, Dental Hygiene Department Award; Kathryn Parsons, Oregon Dental Hygienists' Association Award; Kathryn Scott, UOHSC School of Dentistry Alumni Association Award; Debora Wiggins, Dental Hygiene Department Award; Diane Wong, School of Dentistry Pharmacology Department Award.

At the School of Medicine awards and hooding ceremonies, nine members of the graduating class were singled out for special recognition: Wesley Lee, C.V. Mosby Scholarship Book Award, UOHSC School of Medicine Basic Research Award; Vicki Macy, Lemmon Award, Lange Medical Publication Award; Robert Mass, Lange Medical Publications Award; Gene D. Mead, Merck Manual Award; Jeffrey Menashe, C.V. Mosby Scholarship Book Award; Susan Minson, Upjohn Award; Susan Orchard, Merck Manual Award; William Perrine, Physical Medicine and Rehabilitation Award; Carol Springer, Gold Headed Cane Award; Vernon M. White Award, C.V. Mosby Scholarship Book Award.

The School of Nursing presented awards to: Michele Anderson, Golden Lamp Award; Orville (Skye) Grainger, First State Bank Special Recognition Award; Patricia Jensen, Henrietta Doltz Puhaty Award; Jane Morgan, Jean E. Boyle Award, Sigma Theta Tau Award, UOHSC School of Nursing Dean's Undergraduate Award; Mary Murphy, Transcultural Nursing Award; Eileen Snyder, UOHSC School of Nursing Dean's Graduate Award; Jill Taylor, Elnora Thompson Award.

Faculty awards

At the School of Dentistry awards and hooding ceremonies, the 72-member graduating class presented Dr. Arthur Brown, professor and chairman of the department of physiology, with the Best Didactic Instructor Award. The Best Full-Time Clinical

Instructor Award went to Dr. Charles Stout, professor in the department of removable prosthodontics. The Best Part-Time Clinical Instructor Award was presented to Dr. E. Robert Quinn, associate professor in the department of operative dentistry.

Eight faculty members were recognized for excellence in teaching by the 114-member School of Medicine graduating class.

The Allan J. Hill Teaching Award for full-time faculty members went this year in basic science to Dr. Reid Connell, associate professor of anatomy and to Dr. Robert Bacon, professor of anatomy, and in clinical science to Dr. Walter McDonald, associate professor of medicine.

Dr. Peter Watson, assistant professor of obstetrics and gynecology, is this year's recipient of the David W.E. Baird Award recognizing excellence in a faculty member. The J. David Bristow Award also recognizes faculty excellence. Dr. John McNulty, associate professor of medicine was this year's recipient.

Dr. Sumner Schoenike, clinical assistant professor of public health and preventive medicine, and Dr. Robert Kimbrough III, assistant professor of medicine, were selected for the Oliver M. Nisbet Teaching Award that is given to outstanding volunteer faculty members.

Two senior residents received the Howard P. Lewis Award for outstanding teaching: Dr. Guy Gehling, resident in neurosurgery, and Dr. Michael Markham, chief resident in neurosurgery. Dr. Joseph Pulliam, a resident in internal medicine, was presented the John S. Miller Award, which is given each year to the intern or resident who exhibits qualities of an outstanding teacher.

The School of Nursing Outstanding Faculty Awards were presented during the annual senior awards ceremony to Dr. Mary Ann Curry, associate professor of nursing, and Dr. Jack Keyes, associate professor of physiology, and Dr. Charold Baer, professor and chairperson of medical-surgical nursing.



Volunteers plant without pay at the OHSU greenhouse. Velma Abraham, pictured directly above, propagates annuals for the Third Annual Annual Plant-In. Top picture shows Norman Ray, superintendent of grounds, checking hundreds of flats of seedlings with his volunteer crew. Dr. Martha Thompson, pictured lower left, moves geraniums while Elizabeth Frankus, pictured to the right, does a bit of weeding.



Aukjen Ingraham, a young would-be gardener, takes a swing on one of the masonite daisies that were planted throughout the campus proclaiming Plant-In day.

Meanwhile, in the greenhouse . . .

It's a drizzly Tuesday afternoon in late April and Dr. Martha Thompson, assistant professor of physiology in the School of Dentistry, is chasing about the OHSU's greenhouse, long stick in hand, encouraging a trespassing robin to find which way is out — a task at least as difficult as pulling teeth.

One has to ask: Why is Dr. Martha Thompson, School of Dentistry, in the greenhouse chasing birds?

"I have no idea," she sighs, abandoning the robin to wing it on its own. "I suppose it's because I like Norman," she says, indicating Norman Ray, superintendent of the OHSU's grounds. Norman Ray smiles modestly behind his Sir Walter Raleigh-styled beard and adds, "Three years ago, Dr.

Thompson signed up for a greenhouse plant class I was teaching. She's come back as a volunteer ever since."

Velma Abraham, retired from her position in the School of Dentistry as Dr. Henry Clarke's secretary in the department of behavioral science, has also come back "ever since" a Norman Ray class. Now she labors among the lobelia as a volunteer on Tuesday afternoons. "I don't have space for a garden at home," she says. "The greenhouse gives me a place to get my green thumbs dirty."

"I love it here," Elizabeth Frankus says simply as she rids a flowering flat of fledgling geraniums of some weary looking leaves. Mrs. Frankus is now retired after sixteen years as a laboratory technologist in renal

transplantation. "And it's satisfying to help beautify the campus."

Time was when the greenhouse teemed with employees paid to seed and weed sprouts of petunias, daisies and marigolds into plants big enough to hold their own in flower beds all over the hill. Then 1977 budget cuts pruned the greenhouse staff, and it looked as if the OHSU's beds were doomed to be tilled earth, at best, the year around.

Enter the greenhouse volunteers, most transplants from Norman Ray's popular classes. Under the greenhouse's white-washed panes, the volunteers raise plants to sell at campus sales held two or three times during the year — foliage plants in the fall, shamrocks for St. Patrick's Day, Tiny Tim tomatoes for Mother's Day.

Tiny Tim tomato plants for Mother's Day! "I like Tiny Tim tomatoes," Norman Ray says.

Tiny Tim tomato plants for sale in the halls of MacKenzie Hall added \$250 to that raised during the rest of the year — seed money to plant the hundred-plus flats of summer bloomers that fill the greenhouse ready for Plant-In planting mid-May.

"Given the short budget, we wouldn't have flowers on campus were it not for the volunteers who raise plants for sale and for the OHSU's grounds," Norman Ray says. In his files, he has a list of fifteen gardeners willing to plant without pay, "on call as I need help," he says.

Right now, rain patters on the greenhouse panes. The rich scent of warm, damp earth fills the air. Music from the radio in Norman Ray's office softly drifts down the greenhouse aisles. Elizabeth Frankus tidies geraniums. Velma Abraham transplants petunia seedlings. Norman Ray repots coleus.

And where is the robin? "Oh, it left," says Dr. Thompson with an airy wave of her hand.



Three of the OHSU's March of Dimes' Walk-a-thon team number-up for take off. Pictured left to right are Jan Eldredge, Judy Tuerck and Lynne Wilson. Brenda Kehoe, research assistant in the pediatric metabolic lab, captained this year's team that raised close to \$2,000.

Volunteers dig in

Sunshine was ordered and a smidgen arrived for the Third Annual Annual Volunteer Plant-In held Saturday, May 16.

Plants to be planted, however, arrived in abundance. From the OHSU's greenhouse a total of 6,541 lobelias, petunias, marigolds, daisies, argeratum, geranium, impatiens, coleus, and fuschias had been propagated for the big day. In addition, ten truckloads of commercially grown flower bed brighteners were hauled to the hill.

Volunteers arrived in abundance, too. Approximately eighty trowel-in-hand helpers — including President Leonard Laster and three representatives from Portland's Federation of Garden Clubs — gathered at the ornamental fountain. A ribbon-cutting ceremony was accomplished by Dr. Laster with Superintendent of Grounds Norman Ray's long-handled loppers.

And then they were off and planting — "Forty-three flower beds in locations all over the campus," Norman Ray said, "from the window boxes on north hospital to the showy area around the fountain."

By noontime, when the last petunia had hit the dirt, the OHSU's gardeners-for-a-day washed up and ate a lunch of potato salad, sausage, sauerkraut, fresh vegetables and brownies. Patio prizes were awarded — "A cultivator, trowel, sprinkler — all useful items," emphasized Norman Ray.

Plant-In complete, there were proud smiles all around.

The birthing room, a familiar place for families

The birthing room at University Hospital is a symbolic place. It's a place where birth days are celebrated, where babies are born in an atmosphere largely orchestrated by the parents of the newborn-to-be, where babies are touched and held after birth, and where women have a lot to say about the how's, where's and why's of the delivery of their child.

The birthing room is symbolic of home, where most babies were born in years past, surrounded by friends and family.

The concept of the birthing room is that many women need not be whisked down hospital corridors from one antiseptic room to another in order to bring a healthy infant into the world; that both labor and delivery can take place in a single, familiar place surrounded by familiar, supportive people.

University Hospital's birthing room is six months old, but its concept has been three years in the birthing. Sen Speroff, assistant professor of obstetrics and gynecology and a certified nurse midwife, provided the moving force that brought the room into existence. "The philosophy of the birthing room is that you who are preparing to give birth are in control. It is your experience. We will provide an environment that is supportive of you and not foreign to you," Ms. Speroff said.

Patients, who generally hear about the birthing room by word-of-mouth or in birth preparation classes, are encouraged to investigate their feelings and plan their baby's birth — "How would you like to do this birth? What people would you like to have with you? What functions would you like them to perform? What is important to you in your baby's first hours?"

In the birthing room, which is equipped with all necessary emergency equipment, patients can "settle in" for the entire experience. Central to the heart of the room is

the symbolic, yet functional, birthing bed with its wooden headboard and flower-patterned sheets. Before the bed was admitted to the room, its design was studied, vigorously criticized, modified, redesigned and clinically evaluated in a process that demanded joint creativity between builder and hospital staff. Despite its ordinary appearance, the bed, with a push of a button, adjusts into comfortable, functional positions for birthing.

"Physicians feel comfortable here, too," said Katie Pelosi, a birthing nurse. "The room is well used. Its enticement is that it fills a variety of needs."

"Since providing families with birth options is an important aspect of modern obstetrics," Ms. Speroff added, "the birthing room plays a meaningful role in nursing, medical and resident education."

Filling a variety of needs includes not only the safe delivery of the child, but also encouraging the parents to bring whatever is meaningful with them from home. One baby came into the world to the accompan-

iment of taped Greek music.

The philosophy of the birthing room has carried into the labor rooms. "We've become more respectful in recognizing the mother's space," Ms. Pelosi said, "of saying, 'this is your territory, the birth of your child, we are privileged to be present.'"

The enthusiasm of many people made the OHSU's birthing room possible. A wine tasting party, two bake sales and a Stork Runathon raised money for furnishings. "The room represents the efforts of not only significant staff people," Ms. Speroff said, "but of many others who donated magazines, tapes, plants, the stained glass window, wallpaper. That's as it should be in a community hospital. I say that with a lot of pride."

"But what the room looks like and where birth occurs is not highly important," Ms. Speroff emphasized. "What is important is the staff, their gentleness, their willingness to allow for the individuality of families. That is the concept that this birthing room represents."

Newsmakers

Dr. Verner Anderson, School of Dentistry class of 1951, has been elected to the Oregon State House of Representatives. Dr. Anderson has a general practice in Roseburg.

Dr. John K. Uchiyama, a School of Medicine graduate and an internist in Des Moines, Iowa, since 1955, has been designated as Iowa Internist of the Year. The award was presented by the Iowa Clinical Society of Internal Medicine meeting in joint session with the American College of Physicians on May 1.

Dr. Robert Blakeley, professor of speech pathology and audiology at the Crippled

Children's Division and in pediatrics, recently spoke at Tulane University School of Medicine as the Kaufman Distinguished Lecturer. His topic was "Developmental Apraxia of Speech." Dr. Blakeley is currently on sabbatical leave.

Dr. Richard Jones, chairman of biochemistry in the School of Medicine, recently spoke at an invitational conference in Philadelphia sponsored by the National Board of Medical Examiners. He gave a commentary on proposals and issues for the 80's regarding evaluation and licensure in medicine.

New officers of the faculty senate for 1981-82 are: chairperson, Dr. J. Peter Bentley, professor of biochemistry in the School of Medicine; vice chairperson, Linda Kaeser, associate professor of management and administrative nursing; secretary, Dr. Ralph

O. Coleman, associate professor of CCD; and member-at-large, Dr. Howard Creamer, associate professor and chairman of microbiology in the School of Dentistry. Members of the elections committee are: Dr. Robert R. Quinton-Cox, associate professor of anatomy in the School of Dentistry; Sarah Porter-Tibbets, assistant professor of psychiatric and mental health nursing; Dr. Daniel K. Lowe, assistant professor of surgery; and Dr. Robert L. Bacon, professor of anatomy in the School of Medicine.

The 1981-82 officers for the OHSU Management Association have been named. They are Dayle Wedeking, director of OPC nursing service; Barry Krieg, director of University Hospital housekeeping services; and Cecil Burt, assistant business manager of the business office.

Dr. Stephen H. Miller, chief of the division of plastic and reconstructive surgery, was recently appointed to the American College of Surgeons Advisory Council for plastic and maxillofacial surgery. Dr. Miller was appointed to this organization by the Plastic Surgery Research Council of which he is Secretary-Treasurer.

Dr. Robert J. Demuth, associate professor of plastic and reconstructive surgery, was recently appointed chairman of the finance committee for the American Association for Hand Surgery at its annual meeting in New Orleans.

Dr. Fred Cowan, professor and chairman of pharmacology in the School of Dentistry, has been reappointed to serve as basic science consultant for the Council on Dental Education's Commission on Accreditation, ADA. Dr. Cowan has also been invited to serve as a member of the Committee on Nonmedical Uses of Drugs for the American Society for Pharmacology and Experimental Therapeutics.

Dr. Robert M. Bennett, associate professor of medicine and chief of the section of rheumatology, was elected president of the

Northwest Rheumatism Society for 1981-82. The society draws members from the northwestern United States, British Columbia and Alberta. Dr. Bennett is also the author of "Treatment of Ankylosing Spondylitis" in the 1981 edition of *Conn's Current Therapy*.

Lee A. Wanke, R.Ph., M.S., associate director for operations for the Oregon Poison Control and Drug Information Center, was named Hospital Pharmacist of the Year at the Oregon Society for Hospital Pharmacists Annual Seminar in Sunriver.

Phyllis Michaelson, associate professor of gerontological nursing, served as a delegate from Multnomah County to the Oregon Mini White House Conference on Aging in March. The conference met to make recommendations regarding the needs of the elderly to the National White House Conference on Aging that was held in Washington, D.C.

Four of five dentists on the Oregon State Board of Dental Examiners are School of Dentistry graduates. They include Dr. Yoshido Kiyokawa, Dr. Duane Jue, Dr. Robert Down, and Dr. Ron Trotman, who is the current president.

Dr. Milton H. Johnson, a 1946 graduate of the School of Dentistry, has been inducted as a fellow of the International College of Dentists.

New president of the U.S.A. section, International College of Dentists, is Dr. George J. Collings, School of Dentistry class of 1949. Dr. Collings was installed during the last meeting of the ADA.

Nine alumni of the School of Dentistry have been honored by the Academy of General Dentistry. Listed as Masters during 1980 were Dr. Richard M. Bates and Dr. G. Barton Cross. Listed as fellows were Dr. Gerald Brouhard, Dr. Nolan Marion, Dr. P.Y. Oyamada, Dr. Edward Barnes, Dr. Howard Curtis, Dr. J.K. Meadows, and Dr. Kim Stanley.

Want to go along? SM alumni sponsor trips

Globetrotting School of Medicine alumni have a bevy of travel choices this year if they want to scratch their itchy feet abroad.

How about London? Or London plus Portugal, Dubrovnic, Britain, England/Scotland, Crete, Italy or Greece? The alumni tour package, London plus Europe a la Carte, offers it all "to areas favored by Europeans at prices not available to Americans up to now," according to the alumni association brochure. The "prices not available to Americans up to now" take off at \$1,069 and soar to a modest \$1,955, depending on how much Europe a traveler wants to pack into his or her a la carte.

Departure date is September 21.

The Cunard Countess will be leaving with alumni on board September 11 for an eight day Caribbean cruise. The price is \$1,299 for shipboard romance and six exotic ports.

And then there's Greece, in a tour that puts alumni travelers in Athens for a classical week, followed by a four-day cruise through the Greek Islands where FIVE meals daily are included. The tab for this turf and surf adventure is \$1,999 and leaves October 8.

For more information call Dean Suddath at 225-8231.



Senior students from the OHSU department of community health nursing checked 689 employees of the First Interstate Bank of Oregon for possible high blood pressure during National High Blood Pressure Month in May. Here, Terri Rizzo awaits the word on hers — which was fine. Other employees were not as lucky; 49 were found to have abnormally high pressures during the one-day screening.

'St. Helens has not done its all,' says researcher

When Mt. St. Helens blew its top last May 18, there were no experts to speak on the short- or long-term health effects of breathing volcanic ash.

One year later, according to Dr. Sonia Buist, associate professor of medicine and physiology who specializes in lung diseases, there are still no experts. Much remains to be known about the fine, gray dust that drifted down from the sky.

Last summer, \$150,000 of federal emergency disaster relief funds were earmarked to establish a plan on how best to tackle the research that would provide insight into the unknown health hazards of the erupting volcano. Dr. Buist chairs the planning committee that draws its ten members from medical schools, the private sector, public health and government agencies in Washington state and Oregon. The committee is headquartered at the OHSU.

"So far, studies indicate that there has not been an acute epidemic of disease," said Dr. Buist. "Tests have shown that the dust is not particularly fibrogenic — however, it is not completely inert and does cause some lung damage. The risk of silicosis in the general population seems much less than first anticipated. There is no evidence that Pacific Northwest residents suffered respiratory ailments at a greater rate this winter than did those in other parts of the country. At the one year point, we can draw the conclusion that the morbidity caused by St. Helens' ash is probably much less than that caused by cigarette smoking."

Nevertheless, Dr. Buist is far from ready to turn her back on the mountain. "Geologists have put the public on notice that the hole in the top of St. Helens won't prevent it from possibly exploding with equal or greater force once again," she said. "There are effects that we may not have appreciated yet."

Consequently, the multi-institutional committee is applying for additional funding to research what many — lulled into



what Dr. Buist considers to be a false sense of security — have come to believe is a non-problem.

"Additional federal funds will allow us to put our research plan into practice," she said. "There are lots of unanswered questions that can only be answered by animal and human studies."

St. Helens' outpourings were measured against NIOSH (National Institute of Occupational Safety and Health) and OSHA (Occupational Safety and Health Administration) standards — standards deemed acceptable for white, healthy males working normal eight-hour days and five-day weeks.

"Do these standards hold for children with growing lungs, for the elderly in whom the lung defenses are beginning to wane, the possibly impaired lungs of cigarette

smokers?" asks Dr. Buist. "The questions of permissible exposure level for the more susceptible, 'at risk,' segments of our population are yet to be answered."

Of special concern, according to Dr. Buist, are those whose occupations expose them to fairly high levels of doses of dust for fairly long terms of time. "Cutters in logging operations, for instance, are among those who may be at possible risk," she said. "Everytime they fell a tree they're enveloped in a fresh cloud of relatively pure volcanic dust. Even if the mountain does not erupt again, this condition is likely to go on for months, perhaps even years, because volcanic dust clings and isn't washed off the trees by rainfall.

"There's much more to be learned," summed up Dr. Buist. "Mt. St. Helens has not done its all."



As The OHSU News goes to press, Dr. Sonia Buist, pictured above, associate professor of medicine and physiology in the School of Medicine who specializes in lung diseases, received word that \$2 million in federal funds has been appropriated to implement research into possible short and long-term health hazards of breathing Mt. St. Helens' volcanic ash. Her work will be conducted in a Center for the Study of the Biologic Effects of Volcanic Ash of the OHSU. Dr. Buist will serve as director of the Center.

Early last summer efforts were begun that culminated in this award, President Laster recalled. After conversations with Oregon Governor Vic Atiyeh and the Oregon State Board of Higher Education, Oregon Senator Mark O. Hatfield was approached with a proposal that would make the OHSU the center for health-related studies of volcanic ash.

"It is to the Senator and his staff, who were instrumental in obtaining both funding for our planning activities and now for the establishment of the Center, that we are extremely grateful," Dr. Laster said.

School of Medicine grads come back for alumni week

Nearly 300 alumni of the School of Medicine convened at the OHSU on April 8 for a three-day scientific meeting. The date marked the 66th gathering of the association. Dr. Curtis Holzgang, newly elected president of the association, served as alumni program chairman.

A highlight of the meeting was the Annual Awards Luncheon. Twenty-one physicians were recognized for their contributions related to the School of Medicine.

Alumni honored with this year's Meritorious Achievement Award for their exceptional contributions as volunteer faculty were Dr. Sam Gill, Dr. Richard A. Gingrich, Dr. Scott H. Goodnight, Sr., Dr. Willis J. Irvine, Dr. Ivan Langley and Dr. Eugene S. Sullivan, all of Portland; and Dr. William E. Drips of Salem.

Physicians of the class of 1941 who were honored with a Lifetime Membership Award for their longstanding contributions were Dr. Terrence H. Cochran, Dr. Thomas J. Cox, Dr. Marcus M. Horenstein, Dr. James G. Perkins, Dr. Raymond M. Reichle, all of Portland; Dr. Charles W. Browning, Astoria; Dr. Leonard Christensen, Woodland, Washington; Dr. Weldon C. Flint, Ferndale, Washington; Dr. Alexander W. Kretz, Mercer Island, Washington; Dr. Milton J. Pearl, San Francisco; Dr. Donald J. Soltman, Grangeville, Idaho; Dr. Julius Sue, Los Angeles; Dr. Lloyd F. Summers, Lynwood, California; and Dr. Frederick O. Wynia, Bakersfield, California.

Honorary memberships were presented to President Leonard Laster and Dr. Ransom Arthur, dean of the School of Medicine.

Dr. Jeffrey M. Israel, a resident in the department of otolaryngology, won the 1981 alumni-sponsored writing competition between residents and was awarded a \$500 check upon presenting his paper, "Tinnitus: A Therapeutic Update," at the annual scientific meeting.

Outgoing alumni association president, Dr. Robert H. Gray, Portland, announced the slate of officers for the coming year: in addition to Dr. Holzgang, Dr. Guy W. Gorrill, Lake Oswego, vice president; Dr. Joan Tanner, Portland, treasurer; and Dr. Gary Rothenberger, Portland, secretary. Serving as ex-officio members are past-president Dr. Gray and Dr. Richard A. Hodgson, also of Portland.

Named as regional vice presidents are Dr. Robert Mooers, Roseburg; Dr. Samuel East, Bend; and Dr. David L. Haugen, Carmichael, California.

"There I am." Dr. Richard Thompson, School of Medicine class of 1924, finds his face on his class picture hanging in MacKenzie Hall. Dr. Thompson was the oldest alum present on the campus during the 66th meeting of the alumni association.



THE OREGON
HEALTH SCIENCES
UNIVERSITY

NEWS

THE OREGON
HEALTH SCIENCES UNIVERSITY
3181 S.W. Sam Jackson Park Road
Portland, Oregon 97201

Non-Profit Organ.
U. S. POSTAGE
PAID
Permit No. 722
Portland, Oregon