

The OHSU includes the schools of Dentistry, Medicine and Nursing; the Institute for Advanced Biomedical Research; University Hospital, including Doernbecher Memorial Hospital for Children; Outpatient Clinics; and the Crippled Children's Division.

The Oregon Health Sciences University

# NEWS

## University expands pediatric emergency transport

Waiting for help to arrive is the hardest thing parents of sick child have to do. It's hard for the doctors and nurses, and it's tough on the patient, too. Very soon, some parents will have a shorter wait, thanks to a new helicopter service that's enhancing the Oregon Health Sciences University's ability to respond to pediatric emergencies.

This month, the university is expanding its unique pediatric transport capabilities by contracting with a helicopter charter service to carry critically ill youngsters to the Pediatric Intensive Care Unit of Doernbecher Memorial Hospital for Children, a hospital within the OHSU's University Hospital. The new on-call 'copter service will carry Doernbecher's emergency transport team to pick up patients at hospitals within a 150-mile radius of Portland.

Doernbecher's pediatric transport team, founded in 1979, has transported more than 650 critically ill and injured children to the hospital, primarily by ground ambulance and fixed-wing aircraft. The team, which includes a senior pediatric resident physician, a transport nurse and a respiratory therapist, reaches every community hospital in Oregon and dozens of towns in Washington, Idaho, Utah and northern California.

Because the new service dramatically improves response time and the aircraft has room for the entire team and its equipment, "We'll be able to get there faster without sacrificing the level of care," says Dr. Steven Alexander, associate professor of pediatrics and director of the pediatric transport team.

Doctors throughout Oregon and the Northwest refer their young patients to Doernbecher Children's Hospital because of its especially comprehensive level of pediatric intensive care. "No other hospital in the state has our depth of resources," says David Witter, interim director of University Hospital. The university's pediatric transport team is just as special, since it's the only one in Oregon transporting children older than newborn infants.

"Pediatric transport at the OHSU has evolved into a mobile intensive care unit," Alexander says. He points out that the new helicopter service represents "a dramatic step up" in capability and response time, because the team's Agusta 109 Mark II helicopter can carry three tons of personnel and equipment at a cruising speed of 175 miles per hour.

The twin-jet-engine helicopter has retractable landing gear, rather than skids, for enhanced flexibility in takeoff and landing and higher airspeed. Its on-board instrumentation allows operation in rain and fog that would ground other helicopters.

With a round-trip range of 300 miles, the craft can serve patients on the Oregon Coast and north to Longview and

Aberdeen, Wash., and can navigate the Columbia Gorge east to Pasco, Wash. Flying south, the helicopter-borne transport team can reach hospitals as far away as Roseburg. Chartered fixed-wing aircraft serve towns east of the Cascade Range.

To safeguard the patient, the craft carries a complete intensive care unit, including an isolette, a pulsoximeter to check blood oxygen levels, and monitors for blood pressure and electrocardiogram. Medication, intravenous fluids and a wide assortment of intensive care equipment especially designed for children are also on hand.

The intensive care equipment — donated by the Doernbecher Guild, a volunteer support group for the hospital — is under the watchful eye of a pediatric transport nurse coordinator, who is "the backbone" of the transport team, Alexander says. The nurse takes care of the logistics involved in getting the team into the air.

The transport team is on call 24 hours a day. Transport physicians and nurses have advanced training in pediatric life support and are backed up by the university's 50 pediatricians and a host of additional OHSU medical and surgical specialists. Respiratory therapists accompany the missions to operate transport ventilators specially adapted for use on infants and small children.

"We have a pool of doctors, technicians and nurses who can meet any eventuality," Witter says.

Doernbecher's team approach to pediatric transport has been making a big difference to sick children for more than five years. The team will continue to use ground ambulances and fixed-wing airplanes — as they are needed — to carry children to Doernbecher. Once the expanded helicopter service is off the ground, pediatric emergency transport will make even more difference to patients in a place like Tillamook, for example.

A typical round trip by ambulance between Portland and Tillamook can take about five hours — if the highways over the Coast Range aren't blocked by snow or mudslides, or washed out by heavy rains. Car sickness is often a problem, making it a grueling trip for a critically ill youngster.

In contrast, the helicopter-borne intensive care unit can get to the coast and back in just over an hour, and air sickness is rarely a problem, Alexander says. "On a helicopter, some kids quit crying and go to sleep. They seem to be soothed by the vibrations of the engine."

The transport team can mobilize within five minutes of receiving a call from a referring physician. The team is in the air in less than 20 minutes.

Life Flight and other air ambulance helicopters, which are smaller and slower than the OHSU's chartered Agusta, continue to be suited for the "quick in and



Susan Rathbun, pediatric transport team nurse (top photo), and other team members (bottom) check out helicopter newly available to carry children to Doernbecher Children's Hospital.

quick out" scene response to automobile accidents and other trauma cases involving life-threatening injury, Alexander notes. But Life Flight does not have room for the three-person pediatric team and its equipment.

"Getting the total team to the patient faster is the biggest advantage of our new helicopter," Alexander explains. "Waiting for the team to arrive is a strain on everyone involved."

More than half of the nearly 250 children admitted each year to Doernbecher's Pediatric Intensive Care Unit arrive via emergency transport, and Alexander expects 50 or more children will need the helicopter in 1986.

Thanks to a new partnership of the Health Sciences University's medical care and today's aircraft technology, many sick children won't have as long to wait for help to arrive.



# Overseers board greets five at annual meeting

At its recent annual meeting, the Oregon Health Sciences University's Board of Overseers released the first formal report of its activities and welcomed five new members.

The Board of Overseers is made up of 26 civic, business and cultural leaders who are advocates of Oregon's only academic health center. According to its chairwoman, Betty Gray, the group acts as a bridge between the university and the community, helping spread the word about what is happening on Marquam Hill. The board also raises funds from individuals, corporations and foundations to supplement state funding, which supplies 25 percent of the OHSU budget. As a result of fund raising for specific institutional projects, the board had assets of more than \$23 million as of June 30, 1985, according to its report.

The Board of Overseers held its first meeting in November 1980 with 11 members, most from Oregon corporations. Since then its membership has widened to include other civic leaders and to represent more northwestern and even national companies — Donald Petersen, chairman of the Ford Motor Co., joined the group earlier this year.

Accomplishments during the board's first six years include establishing a Development Office, rehabilitating the OHSU Auditorium, helping generate funds to build the Institute for Advanced Biomedical Research (under construction), and forming the Marquam Hill Society, a major support group for university activities.

Gray, who was elected at the Nov. 21 annual meeting to a second term as chair-

woman, says the board's priority for the coming year is to raise \$2 million to establish an endowed chair for cancer research in the biomedical research institute. Gray explains, "The university will be able to use the income generated by this endowment to recruit a nationally known cancer researcher to join other outstanding OHSU researchers already studying causes and possible treatments of cancer."

Officers re-elected with Gray are Brian Booth, vice chairman; A.W. Sweet, secretary; and Donald Tisdell, treasurer.

The newest member of the board, elected at the annual meeting, is Bob Straub, who manages timber and ranch properties from his farm home west of Salem. His political career included terms as a Lane County commissioner, state senator and state treasurer before he served as Oregon's 31st governor from 1974 to 1978.

Four more civic leaders joined the Board of Overseers in August:

Charles Allis, a resident of Sunriver, is affiliated with the Paine Webber investment firm in Portland as a commercial commodity broker for overseas clients and serves as a director of Commodities Limited in Malaysia and Sierra Resources Trading Co. in England.

Douglas Goodman is president of City Center Parking in Portland and a member of the executive board of the Association for Portland Progress.

Kenneth Novack is a managing partner in the Portland law firm of Ball, Janik and Novack. He is a member of the Portland Art Association's board of trustees and a past chairman of the Metropolitan Arts Commission.

Joan Shipley, of Portland, was formerly development director of Catlin Gabel School. She is a member of the Marquam Hill Society Steering Committee and has served on the boards of a number of groups devoted to the arts and education.

A full account of the membership, activities and finances of the OHSU Board of

Overseers is available in the board's 1985 annual report. Readers of *OHSU News* who would like a copy of the report may request it by writing the Development Office, Oregon Health Sciences University, 3181 S.W. Sam Jackson Park Rd., Portland, OR 97201, or by calling the office at 225-8223.



The newest members of the Oregon Health Sciences University Board of Overseers, added in August and November, are, clockwise from bottom right, Bob Straub, former Oregon governor; Kenneth Novack, attorney; Charles Allis, commodity broker; Joan Shipley, civic leader; and Douglas Goodman, president of Portland City Center Parking. At their November annual meeting, board members heard accounts of university progress and plans and received copies of the OHSU Board of Overseers' first annual report, "A Vision of Health 1985."

## University Hospital to begin renovating facilities

The sounds of sawing, drilling and hammering will soon become commonplace in certain parts of University Hospital. Unpleasant to some, these noises could be music to the ears of staff members and patients who can look forward to improvements after many years of wear on the hospital's physical facilities.

Dr. Leonard Laster, Oregon Health Sciences University president, announced a recent federal appropriation at the Nov. 7 Research Convocation and discussed how the university plans to use the money. "To help the university tackle the evolving problems of health care, Sen. Mark Hatfield has shepherded an appropriation through Congress that will make \$10 million available to the university for beginning the rehabilitation of the

south building of University Hospital," he said.

Laster said that the health care profession faces major national challenges: educating the next generation of health professionals, continuing clinical research into the prevention and treatment of disease, maintaining the high quality of American medicine and providing compassionate and optimal medical care to the economically disadvantaged. Necessary to all of these, he said, is "preserving the integrity and viability of university hospitals during the current period of financial retrenchment in health care. In particular, university hospitals need the opportunity to restore their deteriorating physical plants."

The \$10 million in federal funds will be

used to renovate patient care areas in the A wings of the fifth and 10th floors of University Hospital (south), upgrade mechanical systems such as ventilation, enlarge the adult intensive care facilities, remodel the suite for angiography (a process for visualizing the blood vessels of the body) and prepare a site for a magnetic resonance imager (an advanced device for brain and body scanning).

The planned improvements will help the OHSU contribute to the economic development of Oregon, Laster pointed out. With improved physical facilities, the university will be better able to conduct the studies necessary to develop advanced biomedical technology. Research going on at the Health Sciences University can help Oregon's economic picture

both directly, by developing products that may have commercial potential, and indirectly, by attracting biomedical and biotechnology investment.

"All in all, this grant offers an exciting opportunity for the OHSU to ensure a flagship role for its hospital during the coming years," Laster concluded.

Plans for using the federal funds, which will come from the Economic Development Administration, Department of Commerce, are part of the university's overall capital construction plan for the 1985-87 biennium. That plan, which was accepted by the state Legislature's Emergency Board in December, includes other hospital remodeling projects to be announced later and the construction of a new eye center (see page 8).

### THE OREGON HEALTH SCIENCES UNIVERSITY NEWS

Vol. 14, No. 3  
January 1986

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

Leonard Laster, M.D., President

Marlys Levin, Communications Director

Judy Cenicer, Editor/Writer

Contributing Writers

Jill Kaady, Lee Lewis,  
Brooks Sanders

Photographers

Jim Craven, Larry Lewton,  
Brooks Sanders

Permission is granted to reprint or to excerpt material from this publication with appropriate credit to the OHSU News.

## Former fire station, now OHSU's, will house new programs

The "old fire station" located across from the Child Development and Rehabilitation Center is now officially a part of the OHSU campus. The university accepted the building as a gift from the City of Portland last fall.

President Leonard Laster accepted the keys and blueprints of the station from city commissioners Dick Bogle and Mildred Schwab and Fire Chief Kenneth Owen Oct. 22. Thanking the city, Laster said the building, now called the Center for New Ventures, will be used as an "incubator site" for new programs such as occupational health research and health care technology development. "This is where programs will begin to take place," he said.

The building, located at 630 S.W. Gaines St., has been vacant since the city closed the fire station last May because of budget cutbacks.

Dr. James McGill, OHSU vice president, left, and Ralph Tuomi, assistant vice president for facilities management, hang sign on former Fire Station No. 2.





# OHSU performs Oregon's first heart transplants

The phones started ringing at the campus switchboard shortly after midnight. Earlier, OHSU President Leonard Laster and a group of tired but elated physicians, nurses and hospital employees had gathered for a news conference.

Television crews, radio broadcasters, and newspaper reporters and photographers came from bed or the late-night shift at the news room to hear details of Oregon's first heart transplant. They learned that Wesley Merrill, a 44-year-old man from Battle Ground, Wash., had been given a new heart in a 90-minute operation at University Hospital. For six weeks before the operation, he had been waiting in the hospital, sometimes close to death, for the only chance to extend his life, which had been eroded by a bad heart.

For the university, Merrill's operation was the first breath of life for the cardiac transplant program — a logical extension of more than 20 years of nationally acclaimed kidney and heart programs.

For university personnel, it meant the end of more than two months of anticipation and the beginning of intense public interest in the patient, his family and physicians.

Word of the state's first heart transplant

*The university's switchboard and the Oregon Donor Program have received hundreds of calls from citizens wanting to know how to become organ donors.*

reached the public on Dec. 5 via the sunrise edition of the newspaper or an early-morning television or radio broadcast.

More than 100 members of local, regional and even national media phoned that day to inquire about Merrill's condition, re-

quest interviews with his doctors and family or ask for photographs.

For the next week, Northwesterners would see Merrill waving through the glass of his isolation room in the Coronary Care Unit or riding his exercise bicycle there. They would hear his wife and his mother expressing thanks to God, the university and the donor's family for giving Wesley a second chance.

The public would also hear the university's heart specialists explaining the operation and clarifying that Merrill's perceived rapid recovery is what doctors expect in a patient with no complications. And when their celebrated patient's immune system began to suspect a foreign organ, the university's immunologists were able to reassure everyone that nearly all heart-transplant patients experience at least one episode when the body attempts to reject the new heart, and that rejection can be treated by adjusting medications.

"Pride" is the word many have used to

describe their experience with the program — pride in the team effort necessary to pull off the mammoth logistics involved in a heart transplant. One example of teamwork is the cooperation displayed between two hospitals in coordinating the precise timing of two surgical teams, one to extract a heart from a donor and the other to sew it into a waiting recipient — all within a maximum of four hours. Another is the concerted effort of the staffs of five different nursing units to care for the patients and protect them from too many well-wishers and other unwitting sources of infection.

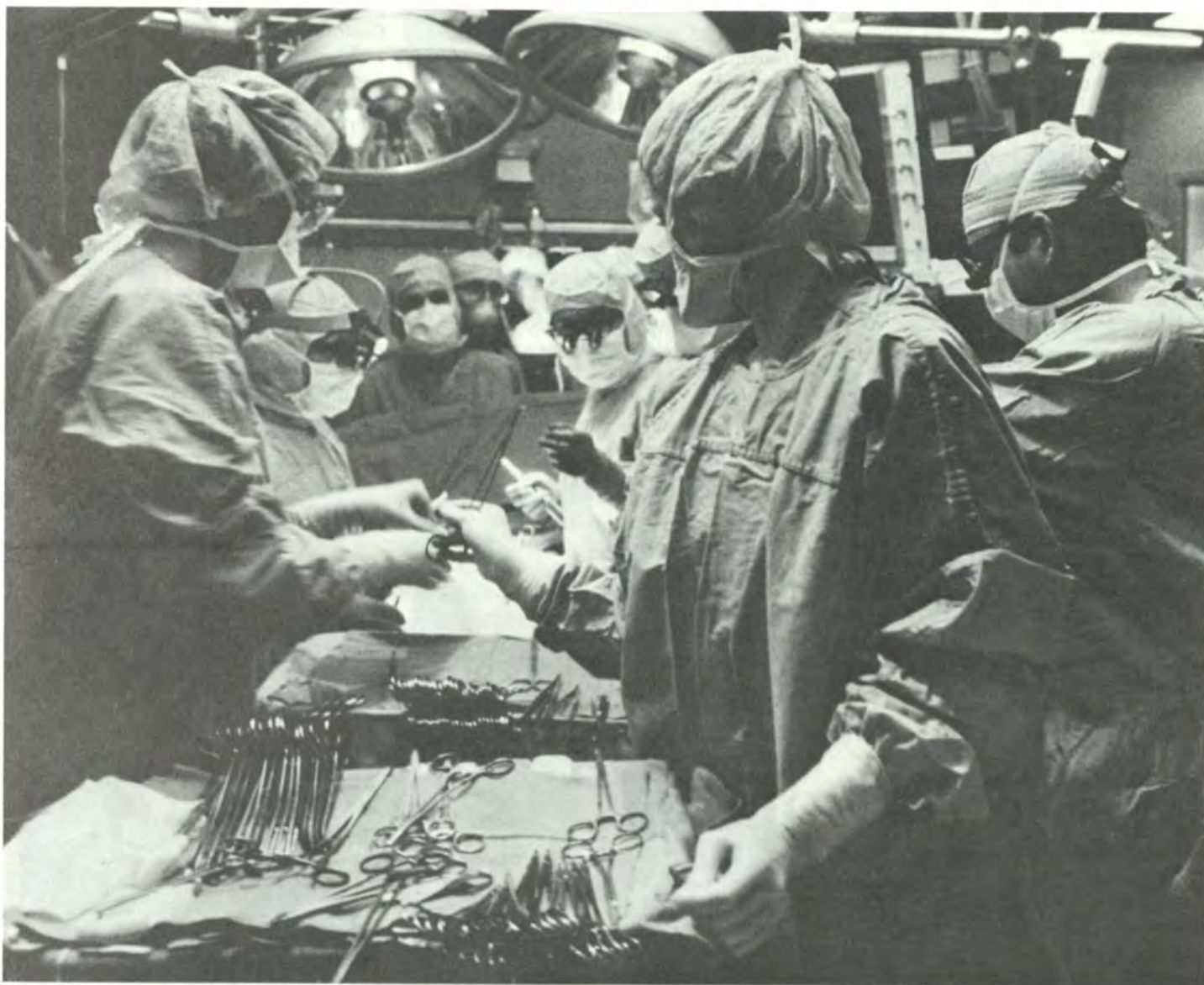
Hospital administrator David Witter estimates that at least 100 hospital and other university employees were directly involved in the transplant process.

Leonard Laster believes the resulting pride extends beyond the university and medical community. He recently commented that the first transplants provided a psychological boost to the state. As evidence, he cited the hundreds of calls the university's switchboard and the Oregon Donor Program have received from citizens wanting to know how to become organ donors. Until the OHSU developed the first transplant program in Oregon, says transplant team leader Dr. Albert Starr, many potential donor hearts were not being used.

Within six weeks of the first heart transplant performed in the Northwest, five patients in the region had received new hearts — patients who would otherwise have had to travel to distant medical centers for treatment, or who might have died of their advanced heart disease while waiting for a suitable donated organ. Three transplants had been done in Seattle at the University of Washington, and two at the OHSU's University Hospital. (See story below.)

A number of patients hope to join Wesley Merrill and the others in looking back on a successful heart-transplant operation. Oregon Health Sciences University physicians are optimistic that these early candidates and their successors will add to the medical community's knowledge of what causes end-stage heart disease, how to manage patients until they are able to receive a new heart, and how to treat rejection after transplants. This increased understanding gained impetus in early December and will be invaluable to investigations under way in the kidney transplant, cardiology and cardiac surgery programs at the university.

As a new heart started to beat at 10:22 p.m. on Dec. 4, 1985, a beginning was marked for Wesley Merrill, the university and several lives that had little hope until then.



## Second transplant poses new challenge for university team

On Christmas Day, Daniel Acker received the gift of life — a new heart. Acker, 25, had spent four days in intensive care and was estimated to be within 48 hours of dying before the surgery was performed.

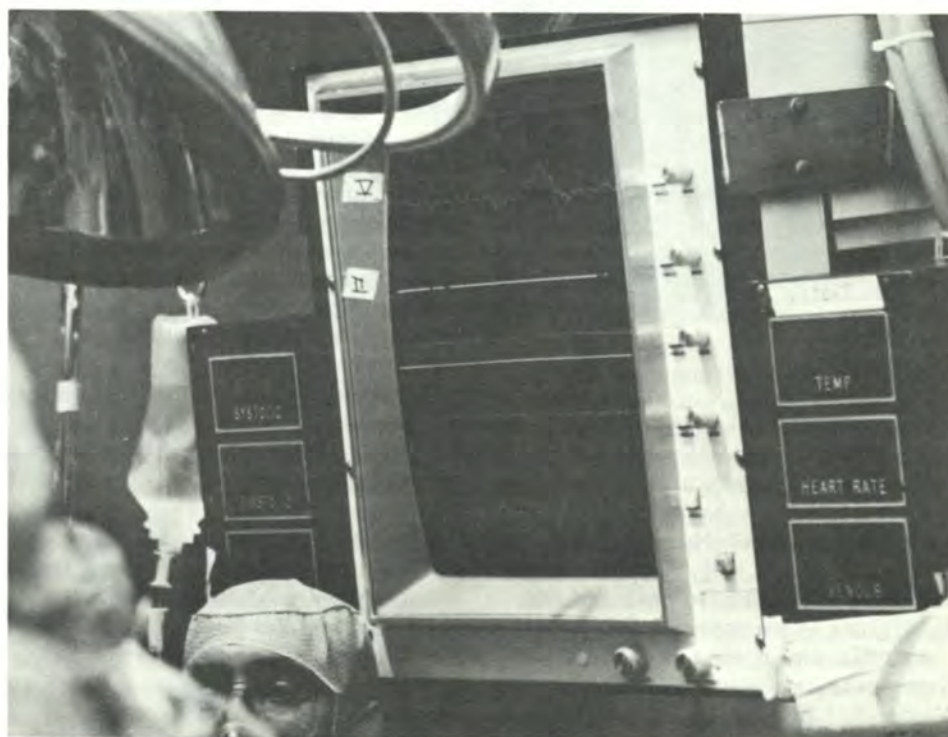
For the second time in three weeks, Oregon Health Sciences University's transplant team swung into action. Again, team members worked together smoothly to retrieve a donor heart (this time from outside the state), bring it to University Hospital, implant it into the recipient, and see it begin to circulate blood through the patient's body.

Dr. Adnan Cobanoglu, the cardiopulmonary surgeon who worked with Dr. Albert Starr on Wesley Merrill's transplant, performed Acker's surgery. Cobanoglu pointed out that retrieving the heart from a distant site and preserving it for close to three hours before re-establishing blood flow was a test of the university's system that demonstrated the capabilities of the heart-transplant team.

As the OHSU News went to press,



Acker had been released from the Coronary Care Unit to a regular room on a surgical floor and his condition had been upgraded to good. Merrill had returned home. Both patients continued to improve.



Teamwork by the university's heart-transplant team and many other employees resulted in two successful transplant operations at University Hospital in December. During first transplant, in top photo, surgeons prepare to implant donor heart, carried by Dr. Storm Floten, right. Other surgical team members pictured are, from left, Pam Coombs, surgical technician, and Drs. Albert Starr, Jeffrey Hospenud, Brett Sheppard, Adnan Cobanoglu and Hugh Gately (partly hidden). Charge nurse Katie Flynn is in foreground. In photo above, monitor registers first beat of new heart. Above left, Starr beams as heart begins to beat regularly.



# Noted surgeon, trauma authority to chair Surgery

Dr. Donald Trunkey, a surgeon and an authority on the care of injured patients, will join the Oregon Health Sciences University School of Medicine in April 1986 as chairman of the Department of Surgery.

Trunkey says he looks forward to the opportunities ahead at the OHSU: "The Department of Surgery has tremendous potential, and the leadership within the university will make it an attractive place to meet the challenges of the future. The need to maintain academic programs in the face of increasing restrictions on funding and to provide sophisticated care for indigents with complicated medical problems are among the challenges," he says.

"The department clearly has a mission to provide excellent care, education and research, and I sense at the Health Sciences University a commitment to doing this within a high-quality academic institution."

Trunkey is currently vice chairman of the Department of Surgery, University of California at San Francisco, and chief of surgical services, San Francisco General Hospital. He is chairman of the Committee on Trauma for the American College of Surgeons, vice chairman of the American Board of Surgery and president-elect of the American Association for the Surgery of Trauma.

Dr. Leonard Laster, president of the OHSU, says, "The appointment of Dr. Trunkey as chairman of surgery is yet another milestone in the university's climb to ever greater achievement. His credentials in the clinical and research aspects of trauma place him at a level of national distinction and prominence, and his experience at the University of Cali-



Dr. Donald Trunkey

fornia at San Francisco makes him an exceptional choice for leading the OHSU department through the opportunities and challenges of the coming decades.

"His research interests blend well with those of the growing team of clinicians and scientists interested in the neurosciences — from molecular biology, through primatology, through technological advances and, ultimately, to the clinical application of new knowledge. We are creating one of the world's great centers in the broad spectrum of activities that relate to the functions of the brain and the nervous system, and we are

proud Dr. Trunkey will join the team.

"When the total picture of new developments on this hill is taken into full view

*"We are most fortunate to obtain the services of a surgeon who is nationally recognized for his leadership in the field of trauma . . . and a leader among academic surgeons in the United States."*

— the new programs and people in each of the three schools, the opportunities for physical improvement in the University Hospital, the interest of the private sector in supporting and advocating our programs — this turns out to be an exciting time to be at the OHSU. The arrival of Dr. Trunkey will make it even more so, and I am grateful to the search committee that sought him out so successfully," Laster concludes.

Born in Oakesdale, Wash., Trunkey will be returning to the Northwest after more than 20 years away. He graduated from Washington State University and from the University of Washington medical school, then interned at the Oregon Health Sciences University School of Medicine in 1963-64. He completed his surgical residency and was chief resident at the University of California Hospitals, San Francisco. He did postdoctoral research at the Organ Preservation Laboratory, University of California at San Francisco, and re-

ceived a National Institutes of Health fellowship in the Trauma Unit of Southwestern Medical School, University of Texas, Dallas.

Trunkey's research centers on the study of shock, particularly in cellular pathophysiology (the disease process of cells). He has also studied resuscitation of shock victims and worked on identifying immune deficiencies after shock and thermal injury.

He has written or collaborated on nearly 70 journal articles, 60 book chapters and five books, including *Current Therapy of Trauma 1984-85* and *Surgical Clinics of North America: Symposium on Trauma*. He holds editorial board positions with several professional publications, including *Archives of Surgery and Surgery*.

Dr. John Kendall, dean of the School of Medicine, comments, "We are most fortunate to obtain the services of a surgeon who is nationally recognized for his leadership in the field of trauma. He has been a leader in the centralized care of trauma patients in San Francisco, throughout California and on the national scene as well, and he has also been a leader among academic surgeons in the United States."

"Dr. Trunkey fills a void left by an extraordinarily valuable individual, Dr. William Krippaehne, who retired a year ago and died last June. Our new surgery chief will build on past strengths, and he complements nicely the growing interest on our campus in providing excellent care in general surgery as well as in trauma. We know he intends to focus on building the general surgery division of the Department of Surgery, and we look forward to his arrival on campus in the spring."

## Hellings new head of Family Nursing



Dr. Pam Hellings

Dr. Pam Hellings likes her work, and she especially enjoys the variety — "I love having the opportunity to do a mixture of it all," says the new chairwoman of the Department of Family Nursing in the School of Nursing. "All" includes teaching, doing administrative work, and still having time to see patients.

Hellings came to the Oregon Health Sciences University in 1975 as director of a federally funded three-year project to train pediatric nurse practitioners. She was gratified, she says, to help establish the first university-based training for pediatric nurse practitioners (and currently the only such program) in the state. Aspiring nurse practitioners now get their education as part of the master's program

in the nursing school.

As a pediatric nurse practitioner, Hellings is qualified to provide primary care to children. She is also an associate professor in the Department of Family Nursing and co-director of the university's Breast Feeding Service. The service, which opened last July, offers prenatal instruction in breast feeding as well as a clinic and consultation for nursing mothers who may encounter problems.

Many of Hellings' professional activities center on her interest in giving children the best possible start in life through breast feeding. The dissertation for her Ph.D. degree was on factors that contribute to breast-feeding success, and in her current research she is pursuing the subject further.

Hellings became chairwoman of the Department of Family Nursing on Oct. 1, succeeding Dr. Shirley Hanson, who has taken a teaching position in the department. Hellings' favorite part of her administrative position is "seeing the faculty develop and trying to secure the resources for that to happen," she says. "The family department is a wonderful group of people to work with. We have mutual research and clinical interests and find it rewarding to teach students at the baccalaureate, master's and doctoral levels.

"What binds us all together is our interest in the family. We focus on how things affect not just one individual but the family as a whole."

Hellings earned her bachelor's and master's nursing degrees at the University of California at Los Angeles and her doctorate in educational psychology (with an emphasis on child and family development) at the University of Oregon. In her 10 years at the School of Nursing she has held a number of teaching positions.

In 1985 Hellings received the annual New Researcher Award from the Western Council on Higher Education for Nursing, and in 1983 she was recognized for outstanding professional contributions by the National Association of Pediatric Nurse Associates and Practitioners.



At the annual Welcoming Reception, held Nov. 13, first-year students and their spouses and parents were greeted by OHSU President Leonard Laster. Laster introduced Dr. Henry Van Hassel, dean of the School of Dentistry; Dr. John Kendall, dean of the School of Medicine; Dr. Carol Lindeman, dean of the School of Nursing; Dr. Margaret Berroth, director of the Medical Technology Program; and Margaret Ryan, chairwoman of the Dental Hygiene Program. The guests then had the opportunity to visit classrooms, labs and clinics and to talk with faculty in the school their student attends. For instance, Margaret Ryan gave a short presentation about the Dental Hygiene Program, the only one of its kind in the Northwest that is associated with a dental school, before hygiene students such as Libby Helderman (above center) demonstrated how they practice clinical procedures on a mannequin. Libby's parents are Rose and Earl Helderman.



# Newsmakers

Drs. Diane Elliot, Susan Tolle and Linn Goldberg of the Division of General Medicine are co-authors of a study published in the Oct. 17 *New England Journal of Medicine*. Their paper, "Pet-Associated Illness," reviews in detail the illnesses that can be acquired from the more than 100 million dogs and cats kept as pets in the United States. The authors also outline preventive measures. Elliot and Goldberg are associate professors of medicine and Tolle is assistant professor of medicine.

Deborah Leiber, R.N., M.N., a doctoral student in the School of Nursing's new Ph.D. nursing program, is the national finalist chosen by the American Nurses' Association for an international fellowship. Three of the finalists will be chosen by the International Council of Nurses in Geneva, Switzerland, to receive \$7,500 awards from the Minnesota Mining and Manufacturing Co. As ANA's nominee, Leiber received \$200 and a certificate from the 3M Co.

Leiber was an assistant professor in the nursing school before taking a leave of absence to work toward her doctorate. In 1984 she was named one of two outstanding faculty members in the School of Nursing. She is founder and president of Nurses for Laughter, a 1,100-member national organization that promotes the health benefits of laughter, and she chaired the committee that planned and conducted the Oregon Nurses Association's 1985 Day of the Nurse celebration last May.

Now in the first class of the OHSU's doctoral program in nursing, the first such program in Oregon, Leiber is focusing her study on nursing and health care delivery. In addition to being a full-time student, she is staff development specialist at the Veterans Administration long-term care facility in Vancouver.

Drs. David McCarron and Cynthia Morris, as a result of their latest study, suggest that supplementing the diet with calcium can manage high blood pressure in some adults. Their lead article in the December *Annals of Internal Medicine* (published by



Dr. David McCarron

the American College of Physicians) reported on a clinical trial the two conducted in the Division of Nephrology and Hypertension. Their research demonstrated that the blood pressure in a study group of 48 hypertensive people was significantly lower after adding 1,000 milligrams of oral calcium to their diet for eight weeks. Two accompanying editorials in the *Annals* note that other research supports the findings of McCarron and Morris.

McCarron, an associate professor of medicine and director of the Oregon Hypertension Program, and Morris, instructor in medicine and epidemiologist, have been interviewed for national and local radio and television news coverage. Their results also led to an appearance on the "Today Show," and the study has been reported in publications across the nation, including the *Wall Street Journal*, *Chicago Tribune*, *Los Angeles Times*, *Science News*, and *U.S. News & World Report*.

Dr. Stephen Miller, professor and chief of plastic and reconstructive surgery, is the newly elected vice president of the Plastic Surgery Educational Foundation. The foundation, which provides educational information and scientific materials to the plastic surgery community and encourages continuing professional education in plastic surgery, is the educational arm of the American Society of Plastic and Reconstructive Surgeons Inc. Miller is also a past chairman of the Plastic Surgery Research Council and was recently elected to the executive committee of the American Board of Plastic Surgery and to the Residency Review Committee for Plastic Surgery.

Dr. Jack Vernon, professor of otolaryngology, is the first recipient of a new award from the American Tinnitus Association. The ATA Hocks Memorial Award was established last year after the death of Robert Hocks, who had been active in the association for more than 10 years and

was national chairman when he died last March. Hocks was also a member of the board of directors of the Portland Center for Hearing and Speech, an affiliated program of the OHSU's Department of Otolaryngology and Head/Neck Surgery. Vernon, who is director of the Kresge Hearing Laboratory, located at the PCHS, was honored for being the foremost researcher in the world on tinnitus, or ringing in the ears. Hocks' son, Dan, presented the award to Vernon at a reception Jan. 9.

Dr. R. Mark Vetto, chief of surgical service at the Veterans Administration Medical Center and professor of surgery at the OHSU, will be president of the Association of Veterans Administration Surgeons beginning in May. The association's national convention will be held in Portland in May 1987, after the new Veterans Administration facility, now under construction on Marquam Hill, is expected to be in full operation.



Sen. Mark Hatfield, left, and Dr. Jack Vernon

## Lewy wins Slocum Award for work on effect of light

Productive, young, promising researchers on the Oregon Health Sciences University campus are numerous. From among them, the university has chosen an outstanding scientist each year since

1983 to be recognized with the Dr. Donald B. Slocum Medical Research Award.

This year's recipient is Dr. Alfred Lewy, who has pioneered research on how light affects the body's biological clock, lead-

ing to improved treatment for mood disorders. He was honored at the university's fourth Research Convocation on Nov. 7.

Lewy, associate professor of psychiatry and ophthalmology, assistant professor of pharmacology and director of the university's Sleep and Mood Disorders Laboratory, was selected by a faculty committee to receive the Slocum Award.

In presenting the award to Lewy, Dr. Leonard Laster, OHSU president, said, "Back to antiquity, the internal biological rhythms of the human body and the interplay between external light and human behavior have fascinated and puzzled us. In his work, Dr. Lewy is beginning to explain these phenomena on the basis of modern biochemistry and biology. Through research in his evolving field, which is known as 'chronobiology,' Dr. Lewy is clarifying the mysteries but enhancing the wonder of human bio-rhythms."

Lewy was one of the first to show that light affects the production of melatonin in the human pineal gland and that melatonin is related to certain sleep and mood disorders. He has also found that some people who become depressed in the winter and feel better in the spring have a hormonal imbalance that responds to treatment with bright artificial light. He and his colleagues have brought new hope not only to sufferers from winter depression, or seasonal affective disorder, but also to people with insomnia and

those who must cope with discomforts of shift work and jet lag.

Lewy earned his B.S., M.D. and Ph.D. degrees from the University of Chicago. His early work with melatonin and the effects of light on humans' daily rhythms was done at the National Institute of Mental Health, Bethesda, Md. In 1981 he joined the Oregon Health Sciences University, and in 1983 he was one of 29 scientists in the nation to receive a three-year Searle Scholar Award.

The Slocum Award was established in 1983 by William Bowerman and Nike Inc. in honor of Slocum, who died that year. Bowerman, a member of the OHSU Board of Overseers, was a long-time University of Oregon track coach and a co-founder of the company that later became Nike. Slocum, a 1935 graduate of the OHSU's School of Medicine and a clinical professor of orthopedics at the university, founded the Orthopedic and Fracture Clinic in Eugene in 1946. He became known as "Mr. Sports Medicine" among his colleagues and the many athletes rehabilitated through his care.

Previous winners of the Slocum award, which carries a \$10,000 stipend, are: Dr. Grover Bagby, professor and head of the Division of Hematology and Medical Oncology in the School of Medicine, in 1983; and Dr. Roger Illingworth, associate professor of medicine, Division of Endocrinology, Metabolism and Clinical Nutrition, in 1984.



Dr. Alfred Lewy was taped recently for "20/20" television program to be aired soon.



# Art displayed on campus

Science and art may not be a typical combination, but thanks to a recently formed group, art is becoming more a part of the Oregon Health Sciences University.

The first exhibit arranged by the Marquam Hill Society Arts Committee went on display in the Mackenzie Hall entryway in November. The exhibit, by Janet Hirsch Willis, features series of photographs entitled auto blemishes, rocks in water and reflections. Willis studied photography in Greenwich Village, N.Y., has had exhibits in California and Oregon, and is widely represented in private collections in those states. The photographs in the exhibit are from the collection of Harold and Elizabeth Hirsch. Harold Hirsch is a member of the OHSU Board of Overseers, and Elizabeth Hirsch is a member of the Arts Committee.

The committee's next exhibit will be 35 watercolors and oil paintings by the late Jeanne Moment. The works, recently shown in the Rental Sales Gallery at the Oregon Art Institute's Portland Art Museum, will go on display soon at several campus locations.

Jeanne Moment was well known in the Northwest for both paintings and prints, according to Gordon Gilkey, curator of prints and drawings at the museum. "She was very interested in nature and made a visual documentation of the Oregon Coast and Cascade Range with her work," says Gilkey.

In addition to the temporary exhibits, the Arts Committee has accepted donations of a number of works to be hung at various locations around the university. Of these, five paintings were donated by Portland General Electric, and 15 posters by the Hirsches. "They are large and bright and intended to provide some cheer and decoration," Elizabeth Hirsch says.

Another donation is an oil painting, "Swedish Interior," by George Johanson, given to the university by Dr. Lendon Smith and his wife, Juliet, in memory of Ann Gurley Smith and Dr. Virginia Mount Rankin.

Ann Gurley Smith was a Portland public health nurse and a close friend (though no relation) of Juliet Smith. Rankin, another friend of Lendon and Juliet Smith, was working at University Hospital when Ann Gurley Smith was hospitalized there with cancer. The friends became interested in helping to make the hospital environment more cheerful for patients. Ann Smith died in the hospital in 1962 and Rankin has since died. Rankin was a granddaughter of Dr. John E. Weeks, who donated funds to help establish the OHSU Library. Rankin graduated from the OHSU School of Medicine, as did her husband, Dr. Robert M. Rankin; their son, Dr. Robert R. Rankin; and Lendon Smith.

The Arts Committee's nine volunteers, combining a knowledge of art with a love for the university, are working to improve the aesthetic environment on Marquam Hill. The Marquam Hill Society subcommittee is chaired by Deanne Rubinstein and includes Helen Bledsoe, Elizabeth Hirsch, Ruth Ann Laster, Lillie Lauha, Nancy Leuschel, Joan Shipley, Melody Teppola and Sabine Artaud-Wild.

The committee is interested in considering donations of art works in all kinds of media. Works need to meet certain criteria, such as artistic quality and appropriateness to their setting, and will be selected by a jury within the committee. For information about how to make art donations, call the OHSU Foundation, 225-8223.

The OHSU News tries to avoid mailing duplicate copies. If you receive an extra, please pass it along. If you're moving, please cut off the address label on the back page, correct it, and mail it to us.

# Major research projects awarded funding

Between May 1 and Oct. 31, 1985, the following researchers at the Oregon Health Sciences University received grants of \$300,000 or more for new or competing renewal projects. ("Competing renewal" projects are continuing studies that are not automatically renewed but have to compete against other applicants for funds.)

Principal Investigator	Title	School/Dept.	Funding Source <sup>1</sup>	Project Period	1st Year Award	Est. Total Award
Acott, Ted	The Vertebrate Eye: Studies of Aqueous Outflow	Medicine Ophthalmology	NIH-NEI	9/30/85-9/29/88	\$170,176	\$ 531,403
Acott, Ted	Motility of Mature Sperm: Mechanism of Initiation	Medicine Ophthalmology	NIH-NICHHD	9/1/85-8/31/89	125,764	545,431
Boyd, Sheryl	Ph.D. in Nursing: Advanced Nurse Training Program	Nursing Graduate Studies	HRSA	7/1/85-6/30/88	183,888	606,385
Brown, Arthur	Pruritis: Neurophysiological Basis & Sensory Function	Dentistry Physio./Pharm.	NIH-NINCDS	9/16/85-8/31/88	88,612	340,022
Crosa, Jorge	Iron Uptake as a Virulence Factor in Pathogenic Vibrios	Medicine Microbiology	NIH-NIAID	9/1/85-8/31/90	128,174	724,224
Fox, Kaye	Ototoxic Interaction: Loop Diuretics & Aminoglycoside	Medicine Pharmacology	NIH-NINCDS	9/23/85-8/31/88	109,800	346,255
Girard, Donald	Residency Training in General Internal Medicine and/or General Practice	Medicine Medicine	HRSA	7/1/85-6/30/89	172,968	652,600
Greenberg, Barry	Studies of Left Ventricular Dysfunction—Clinical Centers	Medicine Medicine	NIH-NHLBI	7/1/85-10/14/91	28,355	1,055,573
Hanifin, Jon	Phosphodiesterase Studies in Atopic Dermatitis	Medicine Dermatology	NIH-NIAID	9/30/85-8/31/88	116,321	365,859
Herbert, Edward	Control of Expression of Opioid Peptide Genes	IABR	ADAMHA-NIDA	9/1/85-8/31/87	159,446	332,733
Herbert, Edward	Regulation of Expression of Opioid Peptides and Their Receptors	IABR	NIH-NIADDKD	9/1/85-3/31/90	7,125	730,572
Howe, Carol	Graduate Program: Nurse-Midwifery/Women's Health Care	Nursing Family Nursing	HRSA	3/1/82-6/30/87	207,663	368,732
Iglewski, Barbara	The Role of Exoenzyme S in Pseudomonas Aeruginosa Infections	Medicine Microbiology	US Army	6/1/85-11/15/88	125,572	404,762
Olsen, George	Morphine Tolerance and Dependence	Medicine Pharmacology	ADAMHA-NIDA	7/1/85-12/31/87	69,699 <sup>2</sup>	309,036
Palmer, Earl	Cryo-ROP <sup>3</sup> Participating Center	Medicine Ophthalmology	NIH-NEI	9/30/85-9/29/89	93,851	335,975
Semradek, Joyce	Nursing in Health Care Systems: Population Focus	Nursing Community Health	HRSA	9/1/85-8/31/87	212,630	418,743
Taylor, Robert	Establishment of Depts. of Family Medicine	Medicine Family Medicine	HRSA	9/1/85-8/31/88	152,951	430,853
Watzke, Robert	Collaborative Ocular Melanoma Study—Clinical Center	Medicine Ophthalmology	NIH-NEI	9/30/85-9/29/90	61,061	340,901
Wuepper, Kirk	Epidermal Transglutaminase: Role in Keratinization	Medicine Dermatology	NIH-NIADDKD	7/1/85-6/30/88	123,545	388,713
Yasuda, Naoki	Delineation of Hypothalamic Hypophysiotrophic Factors	Medicine Medicine	NIH-NIADDKD	9/20/85-8/31/88	151,769	421,150
Zimmerman, Earl	Vasopressin Pathways & the Pituitary Adrenal System	Medicine Neurology	NIH-NIADDKD	9/1/85-8/31/90	181,641	984,059

<sup>1</sup>All of the grants listed except Iglewski's are from Public Health Service agencies. In alphabetical order, the full names of the agencies abbreviated are: ADAMHA — Alcohol, Drug Abuse and Mental Health Administration; HRSA — Health Resources and Services Administration; NEI — National Eye Institute; NHLBI — National Heart, Lung and Blood Institute; NIADDKD — National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases; NIAID — National Institute of Allergy and Infectious Diseases; NICHD — National Institute of Child Health and Human Development; NIDA — National Institute of Drug Abuse; NIH — National Institutes of Health; and NINCDS — National Institute of Neurology, Communicative Disorders and Stroke.

<sup>2</sup>Six-month funding

<sup>3</sup>Cryotherapy for retinopathy of prematurity

# Long-awaited grant money released to OHSU researchers

All of the Oregon Health Sciences University researchers whose 1985 federal grants were delayed for several months received their funding by Sept. 30, the end of the federal fiscal year.

Last June's issue of OHSU News reported on university scientists whose promised grant funding from the National Institutes of Health was withheld at the direction of

the Reagan administration. The federal Office of Management and Budget early in 1985 directed the NIH to disburse only 5,000 of the 6,500 grants for which money had been appropriated by Congress.

Eventually the administration and Congress reached a compromise in which funding was released for 6,200 grants. Among those receiving their funds late in

the fiscal year were Drs. Ted Acott, assistant professor of ophthalmology and biochemistry (for his study on "The Vertebrate Eye," listed below); Jorge Crosa, associate professor of microbiology and bacterial genetics (for his study listed below); Jack Fellman, professor of biochemistry; and James Hare, associate professor of biochemistry.



# Sommer speakers slated for SM alumni meeting

Three distinguished physicians have been selected as Sommer Memorial Lecturers for the 71st annual School of Medicine Alumni meeting April 10 and 11. Sessions will be in the OHSU Auditorium.

The lecturers are Drs. Robert C. Gallo, chief of the Laboratory of Tumor Cell Biology, National Cancer Institute; Dr. George G. Glenner, professor of pathology, University of California at San Diego; and Dr. Richard L. Simmons, professor of surgery and microbiology, University of Minnesota. Each will present

three lectures during the annual alumni scientific sessions, according to Dr. Ernest Livingstone, '51, chairman of the Sommer Memorial Lecture Committee, and Dr. James Gilbaugh, '63, program chairman for the Alumni Association.

Gallo, internationally recognized authority on AIDS, is a graduate of Jefferson Medical College, Philadelphia, who joined the National Cancer Institute in 1965 after completing his residency at the University of Chicago. In 1972 he was named chief of the tumor cell biology

laboratory. Gallo's research contributions have been recognized by numerous awards, including: the Albert Lasker Basic Medical Research Award for his discovery of the first retrovirus known to be associated with a human malignancy (1982); the American Cancer Society's Medal of Honor (1983); General Motors' Charles S. Mott Prize for directing research that led to the discovery of human T-cell growth factor and the first human cancer virus (1984); the Third Armand Hammer Prize for Cancer Research (1985); the Laurea Ad honorem in Medicine and Surgery from the University of Turin, Italy (1985); and the Premio Internazionale Tevere Roma for high and excellent scientific work as a researcher, Rome, Italy (1985).

Glenner, whose topics for the sessions will relate to Alzheimer's disease, is a graduate of the Johns Hopkins University School of Medicine and was chief of the section on Molecular Biology of the National Institutes of Health for 26 years before he went to the UCSD, where he established the world's first tissue/brain bank for Alzheimer's disease diagnosis and research. Glenner is noted for his

1970 discovery of the etiology and pathogenesis of the protein composing the abnormal, silklike fibrils in the lethal disease, amyloidosis. These amyloid fibrils are similar in structure to those seen in the brain in Alzheimer's disease.

Simmons' interests are in transplantation and surgical infection. He was named a John and Mary Markle Scholar in Academic Medicine in 1969 and later served as president of the Society of University Surgeons and president of the American Society of Transplant Surgeons. He joined the faculty of the University of Minnesota in 1968 after four years as a faculty member at Columbia University College of Physicians and Surgeons. A Harvard graduate, he received his M.D. from Boston University.

A special feature of the annual meeting will be presentations by the OHSU departments of neurology and obstetrics and gynecology on April 11. All physicians are invited to these presentations as well as to the program on April 10 and the morning of April 11.

Additional information about the annual meeting is available through the School of Medicine alumni office, (503) 225-8245.



Dr. Robert Gallo



Dr. Richard Simmons



Dr. George Glenner

## Party, bears, bazaar highlight holiday season for employees



The annual children's party was one of the most successful in eight years. It, along with a holiday bazaar, a bear ornament contest and decorated office doors, contributed to a festive atmosphere on campus during the December holiday season.

The energies of more than 50 people went into the annual All-Hill Holiday Bazaar, according to Edie Ryman, director of University Hospital Volunteer Services. Her department coordinates the annual event, which offered handmade craft and food items to eager buyers in early December. All proceeds were donated to patient services and OHSU programs.

State agencies, organizations and individuals were invited to submit teddy bears to decorate the Christmas tree at the state Capitol. The OHSU was represented by an animal-care bear in pink scrub uniform, made by Kathy Gooch, Animal Care, and by a heart bear submitted by Sherry Dunn and Deborah Leiber, School of Nursing. Makers of winning entries were treated to a special party in Salem with an Oregon-only menu.

King Kong climbed a nighttime skyline to fit the theme of "Holidays in the Big Apple" and win the Design Center a first prize over 26 other entries in the university's door-decorating contest.

The Holiday Party for children of OHSU employees and students ran out of name-tags, but there were plenty of bright smiles on the faces of the 125 kids attending. President Leonard Laster and his wife, Ruth Ann, hosted the party.

The OHSU's own Santa Claus, Laurie LaVoie, Facilities Planning, held forth patiently in one corner, listening to the Christmas gift wishes of a long line of children. Assisting Santa were elves Doug Key, Paramedic Training Program, and Mary Grant Willey, Poison Control and Drug Information Center. On center stage, a clown and a jester entertained with assorted tricks of magic and buffoonery. A six-foot-tall Santa Mouse (Jill Kaady, University Communications) extended candy and hugs to receptive kids. In another corner, Ruth Ann Laster, medical school Dean John Kendall and others helped quieter (or shyer) partygoers make ornaments out of construction paper.

Parents and grandparents enjoyed the Dec. 9 party as much as the younger guests, and all stayed for the finale, when five individually outfitted teddy bears — also the handiwork of Kathy Gooch — were awarded as door prizes. By 8:30 p.m., it was bedtime and beyond for many of the children, who went home with visions of sugarplums dancing in their heads.



Santa Claus, top, and Santa Mouse, lower left, got different reactions from children at the annual holiday party. Volunteer Dorothy McNeil, lower right, helped with All-Hill Bazaar.



David Witter, interim director of University Hospital, accepts \$2,000 check from KGW-TV's "On the Spot" game show, aired Christmas day for the benefit of Doernbecher Children's Hospital. With Witter are Jonathan Nicholas, Oregonian columnist; Kathy Smith, former KGW-TV news anchor; Danny Dorris, Doernbecher patient; Larry Blackmar, "On the Spot" host; and Craig Walker, KGW radio disc jockey. The show was the first in a series of events leading up to the fourth annual Children's Miracle Network Telethon, to be broadcast on KGW-TV May 31-June 1. Last year the telethon raised more than \$250,000 for Doernbecher.



# Regional eye center to be added to OHSU campus

An academic eye research center to serve the Northwest is being planned at the Oregon Health Sciences University as a new home for the Department of Ophthalmology's internationally renowned research and education programs. The free-standing facility will be the first of its kind in the Northwest.

According to OHSU President Leonard Laster, building the new eye center is "part of the thrust by the university to move toward enhancing its ability to serve the people of Oregon and the rest of the region."

Focusing primarily on research, the new eye center will enable basic scientists and clinicians in ophthalmology to work closely in developing new techniques to prevent and treat diseases of the eye. The center will allow the department to build on its established strengths in ocular pharmacology and toxicology, specializing in clinical research trials. The department's clinician-researchers will also continue to treat complicated visual problems upon referral from other ophthalmologists in the region.

The eye center has the support of Research to Prevent Blindness (RPB), a voluntary, public foundation based in New York and the largest foundation in the country dedicated to eye research. RPB suggested in 1982 that the Department of Ophthalmology develop a major eye research center and offered to underwrite fund-raising efforts. According to Jules Stein, founder of RPB, "The key factor in our selection of grantees is that the head of the department have the talent to attract, train and inspire investigators of the highest caliber. Under RPB sponsorship, six major eye centers have been con-



Soon to be built on the OHSU campus is an academic eye research center. Proposed site is between curve of Terwilliger Boulevard (bottom of photo) and School of Dentistry (center).

structed, tripling the nation's laboratory space for the study of eye diseases."

The Department of Ophthalmology gained national stature under the 29-year leadership of Dr. Kenneth Swan, its first chairman. Since Dr. Frederick Fraunfelder succeeded Swan in 1978, the department has significantly enhanced its programs, making it the obvious choice for this new regional center.

Research done by ophthalmology faculty is active, internationally recognized and well funded, with the value of current grants totaling more than \$4 million. The department's National Registry for Drug-Induced Ocular Side Effects is the interna-

tional resource for gathering and dispersing information about the effects of drugs on vision. In other major projects, researchers are studying ways to prevent blindness in premature babies; arrest visual deterioration in diabetics; develop new methods to treat glaucoma, corneal disease, ocular cancer and retinal disease; and understand how environmental factors affect the eyes.

Educational programs offered by the department are in high demand. Last year more than 400 medical graduates applied for the department's four residency openings. The department trains medical, nursing and pharmacy students; ophthalmic

assistants and technicians; and postdoctoral fellows in ocular research, as well as offering continuing education for practicing ophthalmologists in the Northwest.

Funding for construction of the facility, according to Laster, "represents the best kind of public-private partnership." Of the total estimated cost of \$11 million to build and equip the new center, more than \$6 million has already been raised. Ophthalmology faculty members have personally contributed \$1 million, and Sen. Mark Hatfield assisted the university in obtaining a \$750,000 grant from the National Eye Institute. According to Hatfield, "It is a well-planned project and deserves the support of not only the many communities it will serve but also the federal government."

Another \$3.5 million will be raised through the sale of revenue bonds, and the OHSU Foundation has received more than \$1 million from individual contributors, endowment income and bequests in support of the project. The Oregon State Elks Association (which has contributed more than \$3 million to the Department of Ophthalmology since its "Vision for the Future" program began with the department in 1949) will provide further funds to buy equipment. No state tax money will be used for construction.

When completed, the new eye center will join the ranks of the few university-based regional eye research centers sponsored by Research to Prevent Blindness. The others are located at Columbia University, Johns Hopkins University, Baylor College of Medicine, Medical College of Wisconsin, the University of Louisville and the University of California at Los Angeles.

## Planners, architects studying users' needs for building

Planning now under way for the university's new eye center promises an architecturally distinguished building that will serve as the eastern entrance to the OHSU campus. The proposed site of the approximately 68,000-square-foot building is near the intersection of Terwilliger Boulevard and Campus Drive, east of the School of Dentistry.

The university is working with a design team led by the Portland architectural firm of Gordon, Beard, Grimes, Bahls and Domreis (GBGBD), selected after a nationwide competition.

As the primary contractor on the project, GBGBD is coordinating its efforts with those of two outstanding supporting consultants: Maurice W. Perreault and Associates, the nationally prominent firm of planners for ophthalmic facilities; and design architect Richard Meier, winner of the 1984 Pritzker Prize (architecture's equivalent of a Nobel Prize).

"We're honored to be working on this exciting project," comments Hal Bahls, lead architect for the eye center and a partner in the GBGBD firm. "The eye center will be a model for health care in the future, not only in the quality of the research and clinical activities conducted there, but in the blending of function and form we expect to obtain by planning the

building from the inside out."

Throughout the second half of 1985, Perreault and other members of his Washington, D.C., firm have been working closely with faculty and staff of the OHSU Department of Ophthalmology to study the space needs and working relationships of patients, physicians, researchers and students. The Perreault firm is responsible for translating this information into a functional building interior.

Of the firm's efforts, Dr. Frederick Fraunfelder, department chairman, says, "Only many years of experience in designing ophthalmic research and clinical facilities can instill the sensitivity that Perreault and his firm exhibit in planning for the special needs of the users of this building, especially for those who are visually impaired."

With the interior space needs now clearly defined, the next step of designing the structure is in the hands of architect Richard Meier of New York, who has received international acclaim for his designs. Meier's best-known work is the celebrated High Museum of Art in Atlanta. Earlier this year he was selected from a field of 33 internationally known architects to design a \$100 million arts complex the J. Paul Getty Trust is planning



Design architect Richard Meier, center, sketches ideas for OHSU President Leonard Laster, left, and Hal Bahls, lead architect for the eye center.

to build in Los Angeles.

Meier, who visited the university in early January, says, "The eye center is a project we're very pleased to be involved with — because Portland is a beautiful city and this is a wonderful

campus, and because of the building itself. Besides being very important as a center of ophthalmology, it's important as an entrance to campus. It's a building with a complex program and a very interesting one."

## Rasmussen dies

Dr. L. Paul Rasmussen, professor emeritus of pediatrics and the Crippled Children's Division, died Oct. 31 in Portland.

Rasmussen joined the Oregon Health Sciences University as an associate professor of pediatrics in 1962; he served the Crippled Children's Division as director of the Cerebral Palsy Clinic from 1964 until his retirement in 1976. He was also medical director of the Kerr Center for Handicapped Children, Marylhurst, from 1973 to 1976.

Contributions in Rasmussen's memory may be made to the Crippled Children's Division.

The Oregon  
Health Sciences University  
**NEWS**

3181 S.W. Sam Jackson Park Road  
Portland, Oregon 97201

No patient, employee, student, beneficiary or potential beneficiary of the Oregon Health Sciences University shall be discriminated against on the basis of age, color, handicap, marital status, national origin, race, religion or sex.

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