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The OHSU includes the Schools of Dentistry, Medicine and Nursing; Institute for Advanced Biomedical Research; Center for Occupational Disease Research; University Hospital; University Clinics; Doernbecher Children's Hospital; and Crippled Children's Division.

The Oregon Health Sciences University

OHSU NEWS

Progress report: 1983 vision becoming a reality

The vision

In 1983, after he had completed five years at the Oregon Health Sciences University, President Leonard Laster presented his "Vision for the Future of the OHSU." He summarized his strategy for changing the institution to meet the evolving needs of the modern era of the health professions.

His ideas, which covered a wide swath of goals and objectives, were based on strengthening the basic science underpinnings of the university to enhance its other educational and clinical activities. He proposed to create a center for research in the rapidly emerging field of molecular biology that would take its place in the front ranks of contemporary research. He wanted to build on this foundation a variety of research programs in basic and clinical fields which would increase the quality of clinical care for patients and clinical teaching for students, and attract additional faculty of outstanding caliber.

He proposed to modernize the clinical facilities to enable the university to meet higher standards for the quality and compassion of its patient care, to increase the efficiency of that care and to meet the rapidly changing demands of the health care system.

He envisioned the initiation of new academic programs in which the three schools of the OHSU (dentistry, medicine and nursing) would join together in integrated, comprehensive approaches to training all students in such subjects as the care of older patients and the care of patients with cancer.

He espoused improvement in the campus environment to emphasize concern for the individual, for amenities and for beauty.

New entrepreneurial ventures were envisioned involving closer ties to industry and the development of new programs of research in such fields as technology, medicine and occupational disease.

Finally, he proposed a massive updating and modernization of the university's involvement in the changing role of technology in utilizing biomedical information.

Four years later . . .

An inspection of the OHSU campus four years later reveals an impressive array of programs and physical structures already in existence and operational, in the preliminary phases of construction or in the final steps of planning — all reflecting the astonishing degree to which the vision of 1983 has become the reality of 1987.

It is rarely possible to identify the real beginning of a tide of organizational change, but Laster goes back to the unprecedented gift of $5 million by Jean and the late Howard Vollum and the trailblazing legislative action by Sen. Mark Hatfield which resulted in a $20 million federal construction grant. These two actions made it possible to begin the Institute for Advanced Biomedical Research. With the recruitment of Dr. Edward Herbert as its director and the excellent colleagues he has attracted, the IABR is on its way to becoming a national center for research on the molecular biology of brain function.

In time, the Murdock Charitable Trust awarded a grant of $1.8 million to the IABR for start-up costs, and Howard Vollum bequeathed an additional sum of approximately $14 million for the operation of the IABR. Today, a leading international pharmaceutical company is in the final stages of making a multimillion dollar investment in the research work of the institute. The laboratories opened in December and the remainder of the building and its forecourt will be completed some time this spring.

Due, in part, to the excitement engendered by development of the IABR, new faculty members have been attracted to the OHSU in fields related to various aspects of the neurosciences — Dr. Earl Zimmerman, chairman of neurology, works on brain implants to correct chemical defects in brain function; and Dr. Donald Trunkey, chairman of surgery, is interested in brain injury due to trauma. Dr. John Howieson, new chairman of radiology, is a neuroradiologist interested in technology for seeing inside the brain.

New programs related to the neurosciences are emerging. A concept for establishing a center for occupational disease research dedicated to investigating the molecular biological mechanisms underlying the injurious effects of toxins on the brain was recently approved by the Oregon Legislature.

A logical extension of the OHSU's growing eminence in the neurosciences is the addition of new teaching programs. Beginning next fall, graduate programs for doctoral students will be offered in neuroscience and molecular and cell biology. Centered in the university's School of Medicine and the IABR, the programs will allow students to work with faculty at local medical facilities including the Veterans Administration Medical Center, the Oregon Regional Primate Research Center, the Neurological Sciences Institute at Good Samaritan Hospital and Medical Center, and the Shriners Hospital for Crippled Children.

The School of Medicine curriculum committee is considering changes in the core course work of medical students to more closely reflect such major societal concerns as medical humaneness, medical ethics, ambulatory care, cancer and geriatrics.

The care of the aging can be expected to receive greater attention at this university and others. Internal medicine residents now receive specialized training in geriatrics through the VAMC.

The School of Nursing has distinguished itself nationally and throughout the state with its education and research activities. It was the first school in Oregon to offer a master's degree in nursing and in the fall of 1985 began its three-year Ph.D. program.

Another indication of the university's growing strength is in the area of endowed chairs. A method of honoring academic achievement since 16th century England, endowed chairs are private grants whose interest earnings typically support the work of nationally distinguished researchers, teachers and clinicians. Endowed chairs have been created at the OHSU in nursing, neurology, neu-

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As sharp as the angles of its new construction, Dr. Leonard Laster's 1983 vision is coming into focus. Above, the forecourt of the IABR is scheduled for completion this April and will feature trellis work, a landscaped terrace and plaza. The ornamental tower graces the top center of the forecourt.

Also in this issue:

Progress: Marquam Hill attracts $200 million for projects

(Continued from page 1)

rosurgery, cardiology and surgery. Fundraising is underway in other areas of high institutional priority.

Without modern hospital and clinic facilities, however, the OHSU's progress would slow dramatically. Thanks to a $23 million Capital Development Plan recently launched, these facilities are being modernized on a major scale after years of neglect. The plan also provides badly needed parking space for patients and visitors. The plan is the first portion of a major long-range strategy calling for facility improvements over the next 10 years. (See the story on page 3 for details.)

The backbone of research, education and clinical care is the ability to have the latest information available. Plans are underway for the "library of the 21st century" called the Biomedical Information and Communication Center. Backed by the $20 million federal grant ushered through Congress by Sen. Hatfield, the BICC will provide a computer-based information system, giving OHSU scientists and other regional practitioners a powerful tool to access the worldwide explosion of biomedical information.

With a base of excellence on which to build, the OHSU has moved ahead to create a regional center for research and patient care in the field of eye disease. The bulk of the funds needed to build an $18.4 million structure has been raised or allocated and the architectural plans are virtually complete. Just as the IABR building will bring an area of beauty to the campus through its forecourt, so too will the eye center enhance the attractiveness of the campus by serving as a gateway from Terwilliger Boulevard.

If judged in economic terms only, the OHSU story is impressive. During the past few years, directly or indirectly, the ferment in the institution has been responsible for more than $200 million in construction projects funded from sources other than the state government. Increased success at the national level in competing for coveted research dollars rose by 44 percent between 1985 and 1986 (from $18 million to $26 million). Many of these grants have facilitated more jobs and construction on the Hill. In fact, with its 5,300 employees, the university is the area's third and the state's seventh largest employer. Its annual budget of more than $210 million is derived approximately 75 percent from funds not allocated from the state's general fund.

Although this institutional transformation rests largely on the achievements of the faculty and staff, it is fair to say, too, that the evolving new era would not have come to pass in the absence of the Board of Overseers. This private citizens' group can be directly credited with several important achievements. Members raised the money necessary to rehabilitate the OHSU Auditorium and construct a forecourt to the IABR to provide the campus with an oasis of tranquility for thought and conversation. It is spearheading efforts to start an endowed chair in cancer research and has raised $400,000 from among its own membership.

The Marquam Hill Steering Committee, a subcommittee of the board, directs the Overseers' support of faculty travel to scientific meetings, the campus tour program, the annual Marquam Hill Lectures for the general public and a slide presentation to help disseminate the story of the university throughout Oregon. It has also formed an arts committee to humanize and beautify the buildings and grounds of the OHSU.

Dr. Laster's dream — the vision of a thriving, progressive and nationally noted health institution — is rapidly coming true. Take a look around the campus in the weeks to come, because Marquam Hill is already on the threshold of the 21st century . . . and it will never again be the same.

Guild, OHSU join to upgrade, enlarge Doernbecher PICU

A partnership between the OHSU and the Doernbecher Children's Hospital Guild is bringing dramatic improvements to the care of critically ill children in Oregon.

A $1.25 million renovation project is now underway to upgrade the Pediatric Intensive Care Unit at Doernbecher Children's Hospital. The effort is part of the OHSU's Capital Development Plan (see story on plan, page 3). Private donations, primarily through the Doernbecher Guild, are funding the project.

> "It's given us great joy to make a significant contribution to the university and the community," says Alyce Cheatham, guild president.

The guild generated $750,000, most of which was donated through last year's telethon. The new PICU represents the first step in improving the entire children's hospital. The unit will receive new equipment and space to permit the expansion of the pediatric critical care transport system, and incorporate pediatric thoracic surgical patients.

"It's given us great joy to make a significant contribution to the university and the community," says Alyce Cheatham, guild president. She noted that contributions came from corporations and individuals through the telethon, and to the university through other private sources.

"The help provided by the Doernbecher Guild for the care of critically sick children is another gratifying example of what can be achieved when private individuals commit themselves to improving the quality of health care for patients of this university," says Dr. Leonard Laster, OHSU President. "We are deeply grateful to Mrs. Alyce Cheatham, her predecessor Mr. Norm Workman and all the members of the guild."

The new unit will continue to house eight beds, but space will be expanded from 1,800 to 4,000 square feet. Remodeling should be completed by this May.

Doernbecher began in 1926 as the state's first hospital dedicated to the special medical and surgical needs of children. It started with an 80-bed hospital with five volunteer physicians and a waiting list of patients. Today, Doernbecher provides 107 beds with nearly 500 physicians to care for more than 20,000 children each year.

The remodeling began with a 60th year birthday celebration at Doernbecher (see story, p. 4.)

Monica Smith joins the parade to celebrate Doernbecher Children's Hospital's 60th birthday and the beginning of the new PICU.

New resources expand Diagnostic Radiology's role, services

As the OHSU establishes itself as a national center in the neurosciences, the Department of Diagnostic Radiology is gearing up to play a vital role.

Among the exciting changes in the department: major equipment purchases, including new technologies to help researchers "see" inside the brain; renovated facilities; consolidated services; additional faculty; and increased research efforts.

"We will have the advanced diagnostic technology essential not only for the best patient care, but to renew the department's advances in research," says Dr. John Howieson, recently appointed department chairman. "And the promise of new space and equipment as well as more faculty to augment teaching and research has made it possible to attract energetic and gifted people to join our staff."

Howieson, among the few physicians in the U.S. trained in both radiology and neurology, had served as interim chairman for two years following the death of Dr. Charles Dotter, an early pioneer in the use of catheters to clear obstructed vessels.

Howieson came to the OHSU originally in 1958 as an American Cancer Society fellow in radiology. He returned in 1977 after gaining experience in private practice, as an associate radiologist at the Memorial Sloan-Kettering Cancer Center, New York, NY; and in teaching positions at Cornell University, Ithaca, NY; University of Kentucky, Lexington, KY; and Yale University, New Haven, CT.

Within the next several years, most of the department's X-ray equipment will be replaced and new facilities and units will be added. The latter include state-of-the-art MRI (magnetic resonance imaging) and ultrasound scanners, and an angiography suite.

MRI: a joint venture

The MRI provides the latest in imaging technology by "seeing" inside the brain and other tissues. It can detect brain and spinal cord abnormalities, find soft tissue tumors and aid in evaluating blood flow. Also important is its capability to provide a chemical analysis of living tissue (spectral analysis). This means that an analysis can be done on the patient's living tissue, rather than on a sample that must be taken to the lab.

The $2.7 million project is a major joint venture between the OHSU and Veterans Administration Medical Center. To be operational by mid-summer, it will be located adjacent to University Hospital North emergency room in its own module. Funding sources include tax-free revenue bonds (through the OHSU) and a federal grant issued for high technology joint-venture projects (through the VAMC).

Other equipment

The new angiography suite will include a digital subtraction angiography unit that isolates images of specific blood vessels and other anatomical details. The department will also purchase more general diagnostic X-ray machines (including mobile units), an ultrasound unit and computer. A second CT (computed tomography) scanner may be purchased because the trauma program requires constant, immediate availability, and the existing unit is working to capacity, according to Howieson.

Equipment already installed includes a low-radiation mammographic unit, a multi-purpose procedure room and an ultrasound machine that provides detailed images.

Consolidation

As part of the OHSU's Capital Development Plan, major reconstruction over the next two years will renovate and consolidate all diagnostic radiology operations on one floor of University Hospital South. Currently, operations are in three separate locations on campus. Consolidation will greatly increase operational efficiency and eliminate the need to "shuffle" patients around.

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To science: IABR 'family' holds unofficial dedication

In mid-December, scientists took possession of the first lab to open in the Institute for Advanced Biomedical Research and began work. To mark the occasion, a small celebration was held for the "family" — scientists and staff who now call the IABR their home. The official dedication will be held this spring, when other sections of the building, its courtyard and atrium, will be completed.

Although the champagne glasses and silver tea service looked out of place, arranged around the air and gas nozzels, they were befitting for the occasion.

"To science," said a jubilant Ed Herbert, raising his glass to the small crowd of IABR faculty and staff gathered around him.

They echoed his toast. And with a clear view of Mt. Hood in the background, the clinking of glasses began. The unofficial dedication was richly ceremonious, complete with a ribbon-cutting and remarks by Drs. Leonard Laster, Ed Herbert and others. The mood was intimate as Laster, OHSU president, and Herbert, IABR director, christened what they're confident will be the birthplace of significant biomedical advances.

"This is a precious moment to all of us," said Herbert. "We've watched remarkable growth, starting with a hole in the ground. And tomorrow we'll see the lifeblood infused as we move in. Welcome to the beginning of an incredible adventure."

"We've reserved this moment — this unofficial beginning — for you, Ed, and for your people who are the backbone of this institution," Laster said. Laster credited the late Howard Vollum and his wife, Jean, and Sen. Mark Hatfield for their contributions in turning the vision into a reality. "This is a citadel for truth, for humanity and goodness. We will all treasure this moment."

With IABR staff in the background, Dr. Leonard Laster (left), Dr. Ed Herbert and his wife, Sydney, cut the ceremonial ribbon.

Behind him, the panoramic windows were still hazy with construction dust, the furniture was rolling in as the crowd milled around, and the last floor tile in the entry to the lab had just been placed.

None of this seemed to matter, though, because the people, whether in jeans or suits and ties, were clearly family.

"Ed solicited our input for this building from the very beginning," said scientist Jim Douglass. "He really cared about our needs and ideas. The end result speaks well for him, because seldom do you find a building as suited to scientists as this one."

"It's a good place for collaboration," said scientist Michael Forte. "We finally made it, Ed."

Herbert laughed. "Yes, and we'll see you at work here tomorrow, bright and early."

Capital plan brings complex into 21st century

A portion of Doernbecher is demolished to make way for a new PICU, part of the Capital Development Plan.

The Oregon Health Sciences University, Office of University Communications

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Bringing the OHSU's patient care facilities into the 21st century is the longterm goal of the Capital Development Plan for the University Hospital complex. The three buildings that comprise the hospital complex include University Hospital South (which also houses Doernbecher Children's Hospital), University Hospital North and University Clinics.

University Hospital South will become the campus center for tertiary care (hospitalization for complex and serious illness). Programs not markedly dependent on tertiary care support will be moved to University Hospital North. Existing ambulatory facilities will be rehabilitated. In general, like-programs will be grouped together.

The first step in reaching these goals occurred in November when the state legislative Emergency Board approved the expenditure of $23 million to renovate university hospital and clinic facilities, improve patient parking and secure more warehouse space. Funding is being derived from private and federal sources, as well as from hospital operations. Patient fees will not increase as a result of these projects and state general fund tax appropriations are not involved.

The OHSU's need for renovation is especially critical to the state. "As Oregon's only academic health center, we have the unique mission of meeting the state's needs for education and patient care, and supporting our efforts in molecular biology and clinical research," says Dr. Leonard Laster, OHSU president. "Modern facilities are essential to insure our progress in these areas. At the same time, to insure our own economic survival, we must be in a position to support ourselves by providing modern, effective services."

"Hospitals built in the 1950s cannot respond to today's needs," adds David Witter, hospital director. "With the emphasis on cost-effectiveness, there has been a definite shift from inpatient hospitalization to outpatient care. This results in a need to improve ambulatory facilities, access and parking for the greater number of patients we treat each day."

Among the projects approved by the E-Board are:

- *University Hospital South.* Upgrade ventilation, mechanical and electrical systems; remodel two substandard nursing units; remodel and consolidate diagnostic imaging services on one floor; and add space on three floors.
- *Doernbecher Children's Hospital.* Remodel and upgrade the Pediatric Intensive Care Unit. Of the $1.25 million in private contributions raised to support this project, the Doernbecher Guild is contributing $750,000 raised during last year's telethon.
- *University Hospital North.* Relocate the Psychiatric Unit from the south hospital; expand the space of the Psychiatric Crisis Unit; and provide faculty offices near the consolidated inpatient Psychiatric Service.
- *University Clinics.* Remodel otolaryngology facilities and relocate departmental services from the Child Development Center and the Portland Center for Hearing and Speech; and move electrocardiography and echocardiography services from south hospital to a location adjacent to the Medicine Clinics.
- *Parking structure.* Build a new parking structure adjacent to the Outpatient Clinic for patients and visitors. Negotiations are underway with Shriners Hospital for Crippled Children for participation in this project.
- *Off-campus warehouse.* Acquire off-campus storage to provide more room for patient care, thereby relieving hospital north of bulk storage and receiving operations. The storage relocation will also relieve some of the traffic problems by diverting many large delivery trucks and equipment off campus.

Dental School gets highest ADA rating

The Oregon Health Sciences University's School of Dentistry has received the highest possible accreditation classification following a site visit by the Commission on Dental Accreditation of the American Dental Association.

This ADA accreditation includes the undergraduate dental program leading to the doctor of dental medicine degree, the dental hygiene program and all of the dental school-based graduate education programs in oral surgery, endodontics, periodontics, orthodontics, pediatric dentistry and oral pathology.

Dr. Hank Van Hassel, dean of the dental school, says "this external confirmation of the excellence of the school's programs is particularly gratifying because Oregon was one of the first schools to be judged under new, and apparently stricter, accreditation guidelines recently adopted."

The OHSU's School of Dentistry's approval status is the highest of the ADA's five possible accreditation classifications. This status indicates that each program "achieves or exceeds the requirements for accreditation" and that the programs have "no serious deficiencies or weaknesses."

The evaluation of the school was based on the findings of a group of 15 examiners from out-of-state institutions chaired by Dr. William Wallace, dean of the dental school at Ohio State University.

Van Hassel says that "credit for this successful outcome is attributable to the strong support the school receives from the university administration headed by President Leonard Laster, the sound organizational structure former Dean Lou Terkla created over the years, the dedication of the faculty and staff at the school and the support the school has always received from Oregon's practicing dentists."

Kresge lab gets $5 million, new name

Change is underway at the Kresge Hearing Laboratory at the OHSU. The lab, part of the OHSU's Department of Otolaryngology, recently received $5 million from the federal government and has been renamed the Oregon Health Sciences University Hearing Research Laboratory.

The money will be used to provide salary support for present and additional staff. Plans are also underway to update the lab's equipment, something Dr. Jack Vernon, professor of otolaryngology and director of the lab, says is long overdue.

"We are going to replace our electrophysiological equipment with state-of-the-art computerized equipment. The financial support is really a life-saver, because the equipment we have now is 20 years old and in need of repair."

The lab is internationally recognized for its research and clinical application of new techniques for the hearing impaired and will continue its research on tinnitus, noise-induced hearing loss, drug-induced hearing loss, new hearing devices for the hearing impaired and balance disorders.

The Hearing Research Laboratory is recognized as the leading research center in the U.S. on tinnitus — a disorder that affects 40 million Americans. Staff there developed the "masker," a device that has been successful in treating thousands of tinnitus sufferers by covering or masking patient's "ringing of the ears." New research will involve developing a transcutaneous nerve stimulator, a device that electrically stimulates the hearing nerve to suppress the tinnitus.

> "...We're trying to come up with answers that can be used in clinical practice."

The lab is also recognized for its research on ototoxicity, a drug-induced hearing loss. This area becomes increasingly important as the newer and more powerful antibiotics and drugs for cancer therapy are developed.

In cooperation with the University of Oklahoma, OHSU scientists have also developed a temporal bone stimulator. This new implantable hearing device is for people with unilateral (one-sided) hearing loss, and for people with conductive hearing loss who are unable to use standard hearing aids.

Vernon says he and the staff are grateful to Oregon Sen. Mark Hatfield, who sought the appropriation, and the Murdock Trust for its financial support while the appropriation was being approved by Congress. He says their understanding of the lab's work and its importance was critical in obtaining the grant.

"Hearing problems have been epidemic for a very long time," Vernon says. "Through our research, we're trying to come up with answers that can be used now in clinical practice."

Dr. Jack Vernon with patient.

Birthday cakes parade for 60th at Doernbecher

It was a celebration of 60 years of miracles and new hope for the future as old and young alike participated in Doernbecher Children's Hospital's 60th birthday party.

During the mid-December affair, past and present Doernbecher patients and staff paraded the halls of the hospital carrying 60 birthday cakes. People across the state came to say thank you for the care they received from health care providers at Doernbecher. Participants also acknowledged the advanced pediatric health care, research and facilities available to the children of the Northwest since the hospital's beginning in 1926.

David Witter, hospital director, opened the ceremonies and honored those who have made the services of the state's children's hospital a success. Historical exhibits graced the walls with vintage photographs portraying how health care practices have evolved, and the influence Doernbecher has had on the development of pediatrics.

> Bailey says the care her son received at Doernbecher eight years ago inspired her to become a physician and enter the practice of pediatrics.

Included in the parade was one of the hospital's first patients, 71 year-old Marguerite Wilke of Clackamas who says her memories of the hospital are happy ones. As an 11-year-old Doernbecher patient, Wilke would sing and read to the younger patients to assist the nurses, who, according to Wilke, worked to make the hospital visit as fun as possible.

Fourth-year OHSU medical student Chris Bailey and her nine-year-old son Bryan also participated in the birthday party. Bailey says the care her son received at Doernbecher eight years ago inspired her to become a physician and enter the specialty of pediatrics. The hospital's commitment to quality continues to impress Bailey. After examining internships at several institutions, Bailey has decided that Doernbecher is her first choice for training as a children's doctor.

In addition to the festivities, plans were announced for the $1.25 million renovation of Doernbecher's Pediatric Intensive Care Unit — the first step in remodeling and upgrading the entire children's hospital. (See accompanying story on page 2.)

With the renovation of its facilities, Doernbecher now enters a seventh decade growing and expanding its ability to save and improve young lives.

Oregon welcomes first IVF baby

A seven pound boy, born on December 22, is Oregon's first in vitro baby.

Born at Sacred Heart General Hospital to an unnamed Eugene couple, the birth followed an in vitro fertilization procedure undertaken at the OHSU's Infertility Service last April.

Dr. Kenneth Burry, co-director of OHSU's Infertility Service with Dr. Miles Novy, was extremely pleased with announcement of the birth. Described as "beaming," Burry was the reproductive endocrinologist who performed the in-vitro procedure that, just short of nine months later, resulted in the birth.

Burry said "the Eugene couple couldn't conceive normally because the woman's Fallopian tubes were removed after she had several tubal pregnancies. This made her a good candidate for in vitro fertilization."

According to Burry, the IVF technique used on the woman involved fertilization of her eggs in a glass dish outside her body. Through a surgical procedure called laparoscopy, eggs were retrieved directly from the woman's ovaries. To increase the chances of successful retrieval and fertilization, the woman was given a fertility drug to stimulate ovulation of more than one egg.

All the retrieved eggs were then fertilized by her husband's sperm in the laboratory. About 48 hours later, all embryos that had begun to divide were implanted in the woman's uterus in a procedure called embryo transfer. Because all embryos are transferred back into the woman's uterus, there is a slight chance of multiple births. For the Eugene couple, there was just a single pregnancy. In cases where no pregnancy occurs following an IVF procedure, the woman may participate in an IVF cycle again after one month.

Burry says an estimated 17 percent of couples (one in six) in the Northwest are infertile. Generally, infertility is caused by blocked Fallopian tubes due to disease, congenital malformations or previous surgery in the woman, or low sperm count in the man.

The OHSU IVF success rate is 22 percent (for every 100 laparascopy procedures, 22 women will become pregnant). Of the 175 U.S. clinics offering the IVF procedure, just 35 have reported births.

Some 800 couples from throughout the region have sought treatment at the OHSU's full-spectrum Infertility Service. The service offers multidisciplinary specialists available in andrology, endocrinology, obstetrics and gynecology, urology, genetics, immunology, counseling and social service.

Members of the Infertility Service include Dr. Kenneth Burry, co-director, reproductive endocrinologist in obstetrics and gynecology; Dr. Miles Novy, co-director, reproductive endocrinologist in obstetrics and gynecology; Dr. Don Wolf, andrologist (specialist in male infertility) and embryologist; Dr. Phil Patton, reproductive endocrinologist; and Jean Craemer, nurse and infertility service coordinator.

Burry says pregnancy has occurred in more than 50 percent of couples treated through a variety of techniques, including artificial insemination; ovulation induction; surgical management of tubal disease and uterine disease; and microsurgical reversal of vasectomy and tubal sterilizations.

OHSU's Infertility Service also offers gamete intra-Fallopian transfer. Called GIFT, the technique involves the surgical removal of eggs from the woman's ovaries and transfer back into the Fallopian tubes. The husband's sperm is also placed into the Fallopian tubes so that fertilization occurs inside the body. Because fertilization occurs inside the body, GIFT is especially appealing to couples who object to IVF on moral or religious grounds.

Couples whose infertility results from unexplained causes, endometriosis or pelvic adhesions are the best candidates for GIFT. Like IVF, the woman is given fertility drugs to stimulate ovulation of more than one egg. Up to four eggs may be returned to the patient, but no more than two eggs are placed in one tube. The pregnancy rate for GIFT ranges from 20 to 49 percent per procedure.

The GIFT procedure has been available in Oregon only since September 1986. GIFT and IVF are complementary procedures. Patients with absent or diseased tubes and some who are GIFT failures will be candidates for IVF.

Couples may participate in the IVF and GIFT program if they have exhausted all other attempts to overcome infertility. Other methods of becoming pregnant are first attempted. There is no age limit, although neither procedure is recommended for women over the age of 40.

The OHSU IVF program currently has one GIFT pregnancy and three other IVF pregnancies past three months gestation. The parents are from around the state and most are being cared for by their local obstetricians.

The first in vitro fertilization at OHSU was performed in February 1983. Burry notes that the 21 embryo transfers performed this year outnumber the total from all the previous years.

In addition to the Infertility Service, the OHSU operates the oldest semen testing and sperm banking and donation program in the Northwest.

Slocum award winner studies iron scavengers

Dr. Jorge Crosa is a frontline witness in the everyday battle between microscopic organisms and the hosts they attempt to invade.

The battle is waged for iron, an essential element for all living organisms. If the bacteria succeed in robbing the host of its iron, they will grow and cause disease.

This can have tragic consequences, especially in newborns whose immune systems are not fully developed. Crosa and his colleagues have studied the susceptibility of newborns to bacterial meningitis, a brain inflammation caused by a blood infection. Despite antibiotic therapy, 30 percent of babies who contract meningitis will die, and those who survive may have neurologic damage.

The OHSU team has found that meningitis-causing bacteria have developed highly efficient iron-scavenging systems. The system consists of an iron-binding compound called a siderophore, which is secreted by the bacteria into the blood stream to steal iron. The siderophore then returns to the bacteria where the iron is used for growth.

Crosa first observed this bacterial iron-scavenging system in fish. He was the first scientist to show that Vibrio anguillarum, a bacteria which causes a fatal blood disorder in salmon, requires iron to establish infection. He also observed that the fish bacteria use a similar siderophore and receptor system as the bacteria that cause meningitis in humans, making it an ideal system to study in the laboratory.

To understand how both human and fish systems work, Crosa took his investigations into the world of molecular biology where the blueprint for life, the gene, could be observed.

Using recombinant DNA techniques, the OHSU team isolated and cloned the genes responsible for the production of siderophores and the receptors that welcome the iron-loaded thieves back into the bacterial cytoplasm.

With the knowledge of how this system works, Crosa hopes that recombinant DNA techniques can be used to develop a vaccine against the bacterial iron-scavenging system.

Iron-scavenging is similarly done by cancer cells, which need iron for their rapid growth. The study of iron uptake is also important in developing methods of treatment for patients with iron overload, such as those who have received multiple blood transfusions.

In its healthy state, a host can successfully withhold iron from disease-causing organisms and cancer cells. It does this by reducing the concentrations of iron in the blood plasma. How this defense works is still unclear but more research may reveal ways to help control infection and cancer.

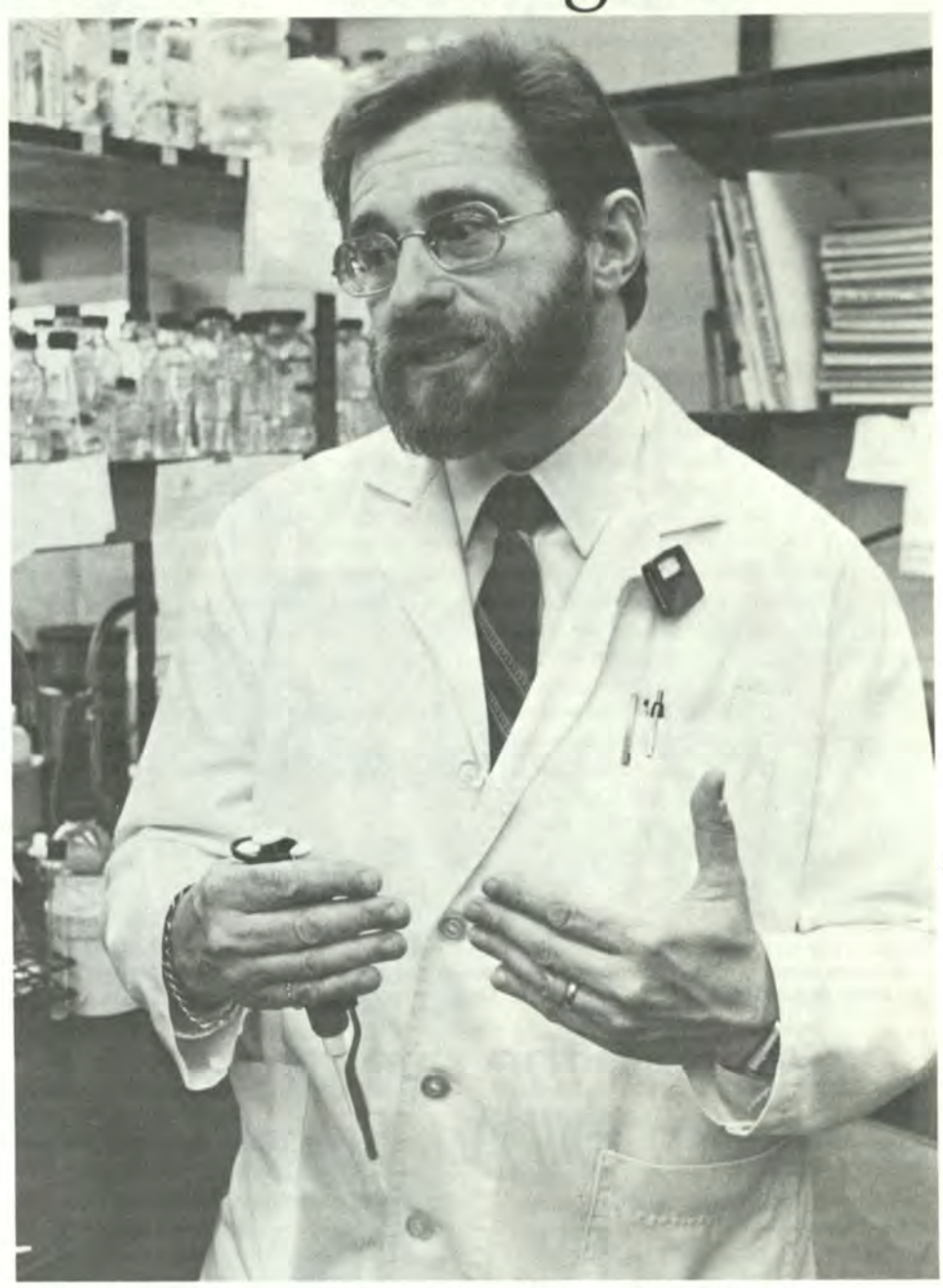
Crosa hopes to make the bacterial products work for him. Patients who require transfusions or who suffer from iron-overload can end up with excessive deposits of the metal in the heart, liver, kidney or endocrine system. This iron overload can have serious repercussions, especially in the heart where too much iron can cause the muscle to stop beating.

The current treatment for iron-overload is expensive and effective only when the body's iron load is 10-times normal — a very dangerous level.

The fish bacterium siderophore — incapable of causing disease in humans —is being tested in the lab with heart cells to see if it can draw off the extra iron. Crosa has recently cloned the genes for this siderophore and can inexpensively produce it in large quantities.

If this method works, Crosa will expand the treatment to animals and, if successful in animals, to humans.

Crosa, an associate professor of microbiology and immunology, was recently named the winner of the Donald B. Slocum Award for his work on the molecular mechanisms of bacterial iron-transport. (See accompanying story this page.)



Dr. Jorge Crosa, 1986 Slocum Award recipient, is researching bacteria that rob cells of iron. He and his team have studied the susceptibility of newborns to bacterial meningitis, a brain inflammation caused by a blood infection.

Jean Coughlin

Frank Jungers

Jean Vollum

Bruce Willison

Board welcomes four, elects Booth

Four prominent citizens from Portland joined the OHSU's Board of Overseers at the group's annual meeting in November.

The Board of Overseers is a group of 28 business and community leaders dedicated to rallying private support for the university to ensure its continued growth and excellence.

The new members are Jean Coughlin, underwriter for Mony Financial Services; Frank Jungers, former chairman of the board and chief executive officer of ARAMCO; Jean Vollum; and Bruce Willison, chairman of the board and chief executive officer of First Interstate Bank of Oregon.

New officers were also elected at the annual meeting, with Brian Booth named as chairman and Daniel Regis as vice chairman. Booth is a partner in the law firm Tonkon, Torp, Galen, Marmaduke and Booth in Portland and Regis is managing partner in the accounting firm Price Waterhouse in Portland.

A.W. Sweet, chairman of the board of Western Reserve Bank in Coos Bay, and Donald Tisdel, president and chairman of the board of Far West Federal Bank in Portland, were re-elected to the positions of secretary and treasurer, respectively.

Three board members were re-elected to four-year terms. They are William Bowerman of Eugene, senior vice president and member of the board at Nike; Otto Frohnmayer of Medford, partner in the law firm Frohnmayer, Deatherage, deSchweinitz, Pratt and Jamieson; and Robert Short of Portland, chairman of the board and chief executive officer of Portland General Electric Company.

The Board of Overseers began its partnership with the OHSU six years ago. Besides serving as a university advocate, it actively seeks resources from the private sector to supplement the state's 27 percent contribution to the OHSU budget.

Private funds given to the OHSU Foundation are managed by the board, which is entrusted with the responsibility of stewardship and maximizing the foundation's investment earnings.

The board also serves as an active advisory body in the following areas of the university: public policy, technology transfer, new program development and relationships with other regional health care providers.

Most important, board members nurture pride in the OHSU and encourage a spirit of reaching beyond the average, of striving in every way to ensure greatness.

Award credits young scientists

The Donald B. Slocum Medical Research 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 longtime 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. The clinic, specializing in athletic injury, particularly to the knees, served various University of Oregon athletic teams and provided consultation to many other athletic departments around the state. Slocum became known as "Mr. Sports Medicine" among his colleagues and the many athletes rehabilitated through his care.

The Slocum award recipient is selected by a School of Medicine faculty committee as one of the most productive and promising young researchers at the OHSU. In addition to the 1986 recipient, Dr. Jorge Crosa (see accompanying article this page), winners include Dr. Grover Bagby, professor and head of hematology and medical oncology, and director of the Cell and Molecular Biology Laboratory at the Veterans Administration Medical Center (1983); Dr. Roger Illingworth, associate professor of medicine in endocrinology, metabolism and clinical nutrition (1984); and Dr. Al Lewy, professor of psychiatry and ophthalmology, associate professor of pharmacology, and director of the Sleep and Mood Disorders Laboratory (1985).

The award, which carries a $10,000 stipend for each winner, will be given annually for a total of five years.

Marquam Hill Art Committee Chairwoman Deanne Rubinstein (left), and committee member Elizabeth Hirsch admire a painting donated by Sam Moment. Moment recently gave the OHSU Foundation about 30 paintings by his late wife, Jeanne. These and other works are gracing the campus.

Beauty is in the eye of the Marquam Hill Art Committee

Like the Gothic churches that sprang up all over Europe in the 12th century, fine art is beginning to dot the OHSU campus — thanks to the Marquam Hill Art Committee.

"It becomes a kind of hunting game to see where things turn up next," says Elizabeth Hirsch, a Portland member of the committee.

Formed in 1985 to beautify the environment on Marquam Hill, the 10-member art committee has been given or loaned original prints, sculptures, paintings and other fine pieces from regional artists. The pieces are being hung or displayed in hallways, eateries, hospital rooms, clinic waiting rooms and other places requested by employees and staff.

"There are so many blank walls, even in the hospital," says Deanne Rubinstein, who chairs the art committee. "We're getting many requests from the staff for art. We're trying to fill requests by matching them with the available gifts."

The committee recommends acceptance of the work to the OHSU president and Foundation, a nonprofit corporation responsible for managing private donations to the university.

All work is selected by a jury for appropriateness and artistic quality. It must also be approved by the dean or administrator in charge of a particular space.

Sam Moment, a Portland industrial consultant, recently gave the foundation more than 30 of his late wife Jeanne's works. Some of the canvasses may be hung in the waiting room of University Hospital North and others in hospital rooms as a memorial to her.

A second major thrust of the program began in 1986 with sponsorship of a series of exhibits by Oregon artists. Upcoming exhibits include water colors by William T.C. Stevens, Jan. 12 through Feb. 22; oils by Carolyn Dewey, March 9 through April 19; monoprints by Judy Cooke, May 11 through June 21; and abstract forms by NEXUS (Susanna Kuo, Marie Lyman and Alice Van Leunen), July 13 to Aug. 23.

The exhibits are hung in the student lounge near the library and can be viewed seven days a week. (Hours are somewhat limited on Friday, Saturday and Sunday.) For details, call University Relations, 225-7686.

A third aspect of the program involves the creation of murals to enhance university hallways and other high traffic areas. The "Wonderful Wall" on the ground floor entrance to the Outpatient Clinic building, dedicated last June, colorfully depicts people and things going places. The 8-by-71-foot mural was created by young people from Doernbecher Children's Hospital and Marquam Middle School under the supervision of artist Judy Aiello.

"What was once a drab area is now full of life," says Rubinstein of the Wonderful Wall. The art committee sponsored the project in conjunction with the Artists in Education Program of the Contemporary Crafts Association.

Wing dedicated to Richard Dillehunt

Although the third dean of the School of Medicine has been gone for 33 years, his memory survives in the minds and hearts of many, including a former student and colleague.

Dr. E.G. Chuinard, a Portland orthopedic surgeon, said at a ceremony held last December to honor Dr. Richard Dillehunt, medical school dean from 1920 to 1943, that there are still people who remember with reverence Dean Dillehunt's towering personality of vision, dedication and teaching."

University leaders, former colleagues and students led efforts to dedicate a wing in University Hospital to Dillehunt. Those attending included former Governor and Mrs. Atiyeh, OHSU President Leonard Laster, University Hospital Director David Witter, School of Medicine Dean Dr. John Kendall; Head of Orthopedics Dr. Rodney Beals and Shriners Chief of Staff Dr. Paul Campbell.

An orthopedic surgeon, Dillehunt helped found the Shriners Hospital for Crippled Children and served as its first surgeon-in-chief from the time of the hospital's opening in 1924 until his retirement in 1943.

Lectures grow in popularity, may expand to other cities

"Standing-room-only" is a term often used with top entertainment or major sporting events — not usually with a lecture on brain grafts or fiber-optic treatments.

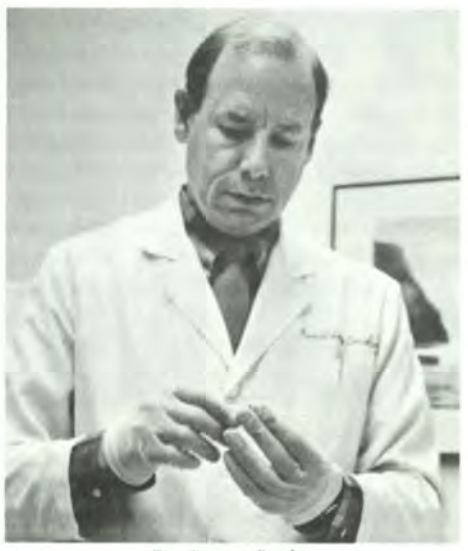
The 1986-87 Marquam Hill Lectures, however, are "playing" to major crowds. The public, OHSU faculty, students and staff have been filling the Auditorium and balcony to hear nationally respected OHSU scientists explain the latest in research and health care advances.

"Interest and attendance have steadily grown since we began the lecture series in 1982," says Marquam Hill Steering Committee member Joanne McAdam, who helps plan the lectures. "We hope to increase awareness by repeating away from Portland some of the lectures on next year's schedule."

The sixth annual series of free lectures, now half way through the season, is sponsored by the steering committee. The committee includes Oregon citizens dedicated to increasing awareness and understanding of the OHSU.

- The series opened Oct. 1 with a talk by Dr. Donald Trunkey, "Trauma: The Neglected Epidemic." An international trauma expert, Trunkey described the high incidence of traumatic injury, particularly among the 15 to 24 age group, and noted its tremendous cost to society. The professor and chairman of surgery emphasized preventive measures to reduce the number of people killed or permanently disabled from trauma. He also stressed the need for a statewide trauma system and the importance of research and education to improve victims' survival chances.
- What are brain grafts, and what hope do they offer to victims of degenerative neurological diseases? Dr. Earl Zimmerman addressed these questions in the second lecture, "Brain Grafts: Curing the Incurable," on Nov. 6. He talked about pioneering research on brain grafting and its exciting implications in halting the progression of disorders such as Alzheimer's and Parkinson's. Zimmerman, professor and chairman of neurology, is an internationally acclaimed researcher in neurology and the field of brain peptides. After successfully injecting healthy brain-cells into fertile mice that later bore healthy offspring, Zimmerman is optimistic about the promise of brain grafting in many aspects of human health care.
- New technologies have improved diagnosis and treatment of patients with gastrointestinal disorders. Dr. Ronald Katon spoke on Dec. 4 on "Seeing Inside: Fiber-Optic Treatments." He explained how fiber-optic tubes, thin as a pencil, enable physicians to see inside the body and offer a pain-free, outpatient alternative to surgery. Katon, professor of medicine and director of the Gastrointestinal Diagnostic and Therapeutic Unit, discussed therapeutic advances in fiber-optic endoscopy. He also described new laser treatments for obstructing or bleeding tumors of the gastrointestinal system.
- Viruses present an ongoing challenge to research laboratories, including that of Dr. Lesley Hallick. She gave the lecture, "Viruses: The Hidden Villains," on Feb. 5. Viruses, incapable of growing on their own, must commandeer a host cell's replication machinery to proliferate. So how do they encourage rampant cell growth that can result in diseases such as herpes, cancer and AIDS? Hallick, associate professor of microbiology and immunology, explained her research on viruses and their relationship to the very beginnings of disease. She also described how this basic research may one day help to intercept viruses before they inflict disease.

Dr. Lesley Hallick



Dr. Grover Bagby

Dr. Virginia Tilden

Upcoming lectures

- Research being conducted at the OHSU pursues cancer at its basic level by studying the command center for each cell, the DNA. In a March 5 lecture, "Cancer: Pursuing the Source," Dr. Grover Bagby will describe how laboratory scientists are discovering information that can be used to help today's cancer patient. Bagby, professor and head of hematology and medical oncology at the OHSU and director of the Cell and Molecular Biology Laboratory at the Veterans Administration Medical Center, is an internationally recognized leukemia researcher whose studies focus on what provokes normal DNA to malfunction and turn a healthy cell into a cancerous one.
- "Family Secrets: Battered Women" is the title of the April 2 lecture by Dr. Virginia Tilden, associate professor of mental health nursing. According to Tilden, society historically has condoned and even promoted violence against women. This contributes to the 2 million reports of abuse every year by women who are severely battered by their partners. She will describe the mental and physical consequences battered women suffer. An internationally recognized expert on family violence, Tilden has focused her clinical practice and research on this subject for six years.

Each lecture begins at 8 p.m. on a Thursday. Signs will be posted on the street to direct visitors to ample, free parking.

For more information about the lectures, call University Relations. 225-7686.

'Science on The Hill' shares excitement of research

"Do you have something here about Alzheimer's disease?" the woman asks, leading her quiet, elderly partner through the crowd.

Nearby, a younger couple stops by the infertility display, peeking around heads to get a closer look at the crowded poster.

"You know, eating more fish might help your heart *and* those migraines," another woman is overheard saying to a friend.

"Could I get a tan from this?" asks a teenager in front of a display of bright light. "No, but it might improve your mood," replies another student.

These and hundreds of other visitors came to the OHSU on Oct. 30 for "Science on the Hill," the OHSU's fifth annual research convocation.

Armed with questions, general curiosity or career aspirations, they created a steady stream around endless corridors of exhibits, displays and lab-coated scientists.

Armed with the answers (and enthusiasm for their professions), 70-plus OHSU scientists gave up a day in the lab, the classroom or with patients to rub elbows with science enthusiasts.

Activities were not designed as a public relations event, but as a showcase for scientists to share with the public a sense of accomplishment and excitement about research. Judging from comments solicited and overheard this goal was accomplished.

"Don't blow this opportunity"

High school students came from throughout the state to meet face-to-face with leading researchers. "We're not here to proselytize, but to share the excitement of research," says OHSU President Leonard Laster in his welcoming address. He urges students not to "blow this unique opportunity to learn."

Drs. Arthur Brown, Roger Illingworth and Barbara Limandri echo Laster's excitement and clue students in on the secrets to successful careers in health care and research.

"What does it take?" Brown asks the very quiet audience."Curiosity. You also need ingenuity, intelligence, discipline, energy." He adds that important discoveries are not made by mad scientists; interplanetary rockets are not built in garages; and kids with Apple computers don't penetrate the CIA and the KGB.

"Nature is a difficult but fair adversary. She doesn't give up her secrets easily, but when you make a discovery — something unknown by anyone but you at that very moment — there is nothing like it in the world. And, that new knowledge will be woven into the fabric of science forever."

Shedding light on the crowd

That afternoon Dr. Al Lewy presented his lecture, "Treating Sleep and Mood Disorders With Light" to a crowded Auditorium. Lewy, 1985 Slocum Award winner, is internationally recognized for his research on light's effect on depression and jet lag.

"People asked me excellent questions after the talk," he says. "In fact, one woman who watched it from a monitor in another room called me the next day. Her son had symptoms of 'phase delayed' depression — she even used the right technical terms. We were able to refer her to professional help. In general, the whole event went over well."

A random sampling of other reactions uncovers similar feelings.

Dr. Pam Hellings, who conducts research on combining work and breastfeeding, says she was impressed with the public's sophistication. "It was gratifying to hear people talking about your work as they walked on." She also enjoyed mingling with other researchers. "We found a lot of common ground — we even discussed doing a study with the anesthesiologist who sat next to us, regarding breastfeeding among women who have C-sections."

Dr. Robert Brummett says he was amazed at how many people stopped to read the handouts. "I really think we're bringing research closer to the public each year. It also helps us on 'the Hill' better understand each other."

"Better each year"

"Science on the Hill" was Dr. Mike Riscoe's third convocation. "Each year it gets better," he says. "I was exhausted by the evening, but I'd do it again." Riscoe's display focused on cancer treatment. "Everyone knows someone who has died from cancer, so we naturally get a lot of interest. It's also nice to see other scientists out of their white lab coats.

"It's especially worthwhile for us to talk to people because so much cancer research is being done. People leave us feeling better — we can give them hope."

Dr. Lou Terkla, however, missed out somewhat in the gratification department.

"I spent a half-hour with just about the most intelligent high school senior I've ever met," says the former dental school dean who developed an apparatus to test tooth filling material. "She grasped the concepts so quickly and came up with a whole list of pertinent questions. So I asked her if she planned to pursue a career in the health profession."

Her reply?

"She said 'not at all!" Then I asked whether she was interested in research. 'Not at all' she said again. But at least I think I helped one man who suspected that he was given a set of fake scrimshawed whale teeth. I told him to have radiographs made and to bring them to us to determine the truth."

Research Assistant Barbara Tester (center) leads high schpol students on a tour through the lab of Eckard Weber, IABR scientist, during "Science on the Hill," the OHSU's fifth annual research convocation held last fall.

Spinal cord injury prevention project aimed at teens

A head and spinal cord injury prevention program directed at reducing the soaring rate of crippling accidents among teenagers will be unveiled in the Portland public school system this spring.

In cooperation with neurosurgeons from throughout Oregon under the auspices of the Oregon Neurosurgical Society, the program is coordinated by OHSU's Dr. Edward Neuwelt, an associate professor of neurosurgery, and Dr. John White, president of the ONS.

The goal of the program is to prevent head and spinal cord injuries. Neuwelt says that telling parents there is little they can do to help an injured son or daughter is one of the most difficult parts of his work. "There is so little we can do to really help the victims of head or spinal cord injury. The only real cure is prevention."

The program centers on a presentation before high school students during an all-school assembly. The 50 to 60 minute program is strikingly simple. First, students view a film called "In Harm's Way." In the film, through the use of strong graphic images, young people who have been injured explain how their injuries occurred.

Following the film, a respected athlete or community spokesperson, often from the same geographic area as the high school, talks about spinal cord injuries. Then a paraplegic, quadraplegic or head-injured person tells about his or her own experience. This person's testimony captures the attention of the students. According to Dr. Clark Watts, one of the program's founders in Missouri, "there is nothing more electrifying than a person rolling onto that stage in front of 1,500 kids — in a wheelchair."

The assembly ends when student volunteers are invited to participate in a wheelchair obstacle course with simulated curbs, doors, automobiles and elevators. Watts says, "The students are always amazed at how difficult and exhausting the obstacle course is." What the program emphasizes is that the obstacle course is a simulation of the very real and continual obstacles faced by people with head and spinal cord injuries.

Based on successful regional prevention programs that have been running in Florida and Missouri for several years, the Oregon program is aimed at preventing injuries before they occur.

Officials for the Portland public school system are excited about the program and hope that it works to help reduce the number of spinal cord injuries in the metropolitan area.

Don Bird, director of physical education for Portland public schools, went to Missouri to observe the program. Bird says he was "really impressed with the program" and that it "will mesmerize middle and high school students with a message that must be presented."

Neuwelt, who also holds a joint appointment with the Veterans Administration Medical Center, is particularly encouraged about the program. "What is especially frustrating for physicians," he says, "is that most of the 440,000 head and spinal cord injuries that occur each year are preventable." One third of these injuries occur between the ages of 15 and 24. Statistics indicate that medical costs following a spinal cord injury can run as high as $75,000, with lifetime costs up to $800,000. "We hope the program will help reduce the outrageously high health and economic costs of head and spinal cord injury," says Neuwelt.

The national program is sponsored by the American Association of Neurological Surgeons and the Congress of Neurological Surgeons. Last September, the program was also endorsed by the U.S. Surgeon General, Dr. C. Everett Koop.

It is hoped that statewide implementation of this program will follow the Portland area effort.

Take heart: program exceeds estimate

Lee Eavenson, one of the OHSU's heart transplant recipients, is back to his full-time position as auto body instructor at Blue Mountain Community College in Pendleton. He received his new heart on April 2, 1986. Photo courtesy of the East Oregonian.

December 4 marked the first anniversary of the OHSU's heart transplant program.

With 20 transplants, the program easily exceeded the university's projections of between six and 12 procedures during the first year. As a regional resource, the program has served a variety of patients from 17 different cities and towns in Oregon and Washington.

Several factors contributed to the success of the program, including more physician referrals than expected, the availability of donor hearts, the success of the team in retrieving usable organs and the experience of transplant patient care achieved through more than 25 years as a leading kidney transplant center.

"Having this surgery available in Oregon means that our patients no longer have to move to other states to take up residence and to wait for a donor heart to become available," says Dr. Leonard Laster, OHSU president.

The 17 men and three women heart recipients range in age from 17 to 59. The time they spent waiting for a new heart following acceptance into the OHSU program varied from one to 154 days, with nine of the recipients waiting less than a week. Significantly, no patients have died while on the heart transplant waiting list at the OHSU. Nationally, one-third of patients awaiting heart transplantation die before a donor heart becomes available.

The 20 patients who received new hearts at the OHSU suffered from a variety of diseases. Thirteen suffered from cardiomyopathy, five from coronary artery disease, one from a congenital heart condition and one from valvular heart disease.

Although one of the OHSU heart transplant patients died, the 19 successful transplants have led to renewed life for the recipients.

In its first year, the OHSU program performed more heart transplants than three other West Coast programs that started at approximately the same time — Loma Linda University Medical Center in Loma Linda, Calif., University of Washington Health Sciences Center in Seattle and Sharp Memorial Hospital in San Diego.

Members of the OHSU transplant team include: Dr. Albert Starr, professor of surgery and chief of the Division of Cardiopulmonary Surgery; Dr. Adnan Cobanoglu, associate professor of cardiopulmonary surgery and assistant chief of the Division of Cardiopulmonary Surgery; Dr. H. Storm Floten, assistant professor of surgery, Division of Cardiopulmonary Surgery, and chief of the Division of Cardiopulmonary Surgery at the VA Medical Center; Dr. Jeffrey Hosenpud, assistant professor of medicine and director of the Noninvasive Laboratory; Dr. George Panteley, associate professor of medicine; Dr. Douglas Norman, associate professor of medicine and director of the Immunogenetics and Transplantation Laboratory and associate director of the Renal Transplant Program; Dr. Robert Maricle, assistant professor of psychiatry; Robin Conner, cardiac transplant nurse coordinator; and Kristine Nelson, nurse manager of the Pacific Northwest Transplant Bank.

Lois Davis

Davis joins staff

Lois Davis has joined the staff of OHSU President Leonard Laster to help with the 1987 session of the Oregon Legislature and to serve for the next six months as the president's liaison with the chancellor's office, executive staff and other state leaders.

Formerly administrative assistant to Congressman Ron Wyden, "Lois brings outstanding talent to campus," says Laster in announcing the appointment.

Davis has been a top advisor for Wyden since 1979 when he first ran for national office. She initially served as his press aide and later as administrative assistant and chief of staff.

The 1977 graduate of the University of Oregon School of Journalism was an award winning reporter for the Springfield News and also attended law school before joining Wyden's staff.

A talk given by Dr. Richard Lewis inaugurated the Howard P. Lewis Memorial Lectureships.

Lectureship to honor H. Lewis

"Hod would have been proud."

The comment was heard coming out of a classroom packed with people for a special occasion on Oct. 14: dedication of the Dr. Howard P. Lewis Lecture Hall and Annual Lectureship. Faculty, students and friends of the late "Hod" Lewis paid tribute to the man who headed the Department of Medicine for 24 years and devoted most of his life to medicine.

The classroom was his favorite sanctuary. A lecture hall (8B-60) in University Hospital South was dedicated with the unveiling of a special plaque and remarks by Dr. Leonard Laster, university president; David Witter, hospital director, and Dr. John Kendall, dean of the School of Medicine.

The first lecture was befittingly given by Lewis' son, Dr. Richard Lewis, director of the Division of Cardiology, Ohio State University. His topic: "Is digitalis still useful for the treatment of heart failure?"

The American College of Physicians, in cooperation with the OHSU, is seeking $50,000 to continue the lectureship. To support the fund in memory of Lewis, contact the OHSU Foundation, 225-8223.

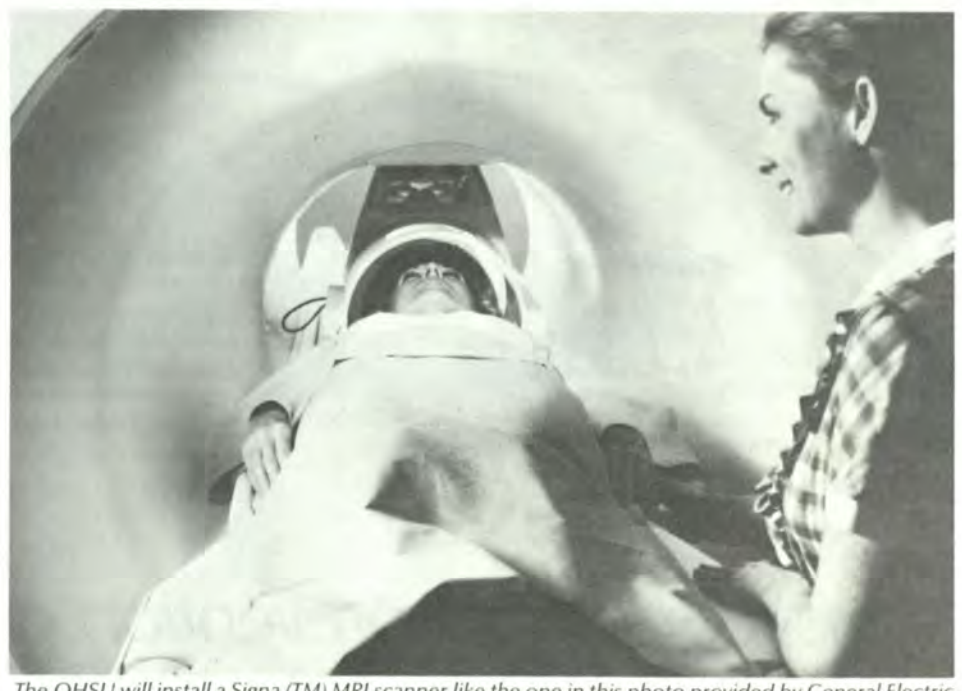
MRI to integrate care, research efforts

(continued from page 2)

Research enhanced

Additional staff and new equipment will bolster the department's research capability. Plans to integrate both research and clinical activities with the VAMC will lead to joint research and educational projects, some of which will be located in the new VAMC hospital. The new MRI will be used to study metabolic changes in patients with behavior disorders and Parkinson's disease. These efforts will integrate the interests of radiologists with neurologists and scientists in the Institute for Advanced Biomedical Research.

Research will also enhance the OHSU's ability to combat infertility, an expertise for which the OHSU is widely known. For instance, new methods of using a catheter to treat Fallopian tube disorders may someday lead to more alternatives to surgical corrections in blocked tubes. And, new methods will help guide the surgeon's hand more accurately when an operation is required.



The OHSU will install a Signa (TM) MRI scanner like the one in this photo provided by General Electric. The MRI helps physicians see more details inside the body.

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