



UNIVERSITY OF OREGON
HEALTH SCIENCES CENTER

NEWS

Health Sciences Center News is published by the University of Oregon Health Sciences Center to inform students, employees, faculty and friends of the institution of programs, activities and events of interest to them.

Young people explore world of dentistry



The School of Dentistry held its eighth annual Junior Dentists Institute July 21-25. Eighty-five students attended this one-of-a-kind program.

They came from as far away as Arizona and Alaska, and they represented a spectrum of ethnic backgrounds—black, white, Indian, and oriental.

But they all had something in common.

They were young men and women at that difficult and challenging age when choice of a lifetime career is imminent.

These young people were luckier than most. Each was able to get a week of first-hand experience in a career at the top of his or her list—the dental profession.

Last month, 85 students participated in the School of Dentistry's 1975 Junior Dentists Institute (JDI).

For a week, they did everything from

hearing lectures on scientific terminology and dental disease to making fillings in laboratories and learning to give oral examinations.

Their curiosity about all aspects of dentistry and dental hygiene was so great that, as one School of Dentistry professor commented, "I must admit a few of their questions sent me back to my books for answers."

Lectures and lab sessions were relaxed and informal, and professors involved in

Dr. Kenneth Cantwell, professor and chairman of the department of operative dentistry, gives students a lesson in placing amalgam fillings. Following his demonstration, students were given a plaster model of teeth and amalgam to practice with.

the sessions seemed to enjoy the action-packed program as much as the students.

Dr. Jack Clinton, director of the Institute, (continued on page 4)

Epilepsy Program funds HSC research projects

Epilepsy, once considered a disease that set the victim apart from society, is now recognized as a neurological condition that can be controlled by chemotherapy.

The safe use of drugs in treating this affliction, however, depends on knowledge of how the drugs are metabolized in the body and how they affect the normal functions of cells.

Investigation of the effects that drugs have on man's immunity is one of three research projects funded under a new regional epilepsy program of the National Institute of Neurological and Communicative Disorders and Stroke (NINCDS).

The million dollar grant for a Comprehensive Epilepsy Program awarded funds simultaneously to HSC researchers and

other institutions throughout the state.

Researchers at the Health Sciences Center who are participating in the project are Drs. Emil J. Bardana, associate professor of medicine (allergy section); Hall Downes, associate professor of pharmacology; John D. Gabourel, professor of pharmacology; Nicholas Gerber, associate professor of pharmacology and pediatrics; Robert K. Lynn, research associate in pharmacology; George D. Olsen, assistant professor of pharmacology; and William K. Riker, professor and chairman of pharmacology.

Drs. Gabourel and Bardana's study concerns the change which therapeutic drugs can produce in the immune response, or the body's ability to fight viruses, bacteria, cancer or infection.

The two scientists, working with Gordon Davies, research associate in pharmacology, will evaluate how some of these anticonvulsant drugs might trigger an autoimmune reaction—a reversal of the immune response to attack body cells.

The second research project funded under the program seeks to develop a reliable bioassay method to correlate the level of diphenylhydantoin (more commonly known under the registered trade name, Dilantin) in the blood plasma with nystagmus, a jerking movement of the patient's eyes which is a known side effect of the drug.

Dr. Riker commented, "This is an especially relevant bioassay since it reflects drug action within the central nervous system." Working with Dr. Riker on this

project are Drs. Downes and Olsen.

The third study will examine whether potentially toxic derivatives of anticonvulsant drugs appear in the urine of treated patients. "If these metabolites are found to be directly related to toxic side effects, it may be possible to screen new patients for these urinary metabolites by administration of a small test dose of a particular anticonvulsant," Dr. Gerber said.

Drs. Downes and Olsen are also assisting with this project, together with Dr. Lynn and Dr. Doyle Daves, of the Oregon Graduate Center.

The program will also fund one full-time person with joint appointments in pharmacology and neurology.

KATHY MAYO

Retiring dean appreciates past opportunities

Dr. Charles Holman, dean of the School of Medicine since 1968, retired August 1.

"It has been said that the world consists of givers and takers. Dr. Charles Holman is a giver," said HSC President Lewis Bluemle at a July 30 retirement party for Dr. Holman.

Dr. Bluemle continued, "In fact, he has given a lifetime of professional service to this institution.

"He has held almost every position there is to hold at this medical school: student intern, resident, instructor, assistant professor, associate professor, professor (all of internal medicine), hospital administrator, and medical director, associate dean, dean, and chief executive officer.

"In all of these capacities, he has been guided by one objective above all others, and that is to help other people succeed."

Known as a meticulous thinker and dedicated administrator, Dr. Charles Holman has been a leader in medical education and research.

A fourth generation Oregonian, he attended his M.D. degree in 1936 from the

School of Medicine where he also completed his internship and residency.

After serving in numerous administrative posts, he succeeded Dr. David W. E. Baird as dean in 1968.

In a recent interview with *Health Sciences Center News*, Dr. Holman commented on his 40 years on the Hill.

"It has been a very rewarding experience. I've had opportunities that come to few people, and I'm very grateful," the former dean said.

Recalling some of the highlights during his administrative career, he observed, "The development of a full-time faculty in the clinical departments has been of great importance to the School. When I joined the staff, I was one of only three full-time clinical faculty members. The rest of the staff were volunteer.

"Growth in all our educational programs has also been very significant," the former dean added. "Since 1940, medical student enrollment has almost doubled, internship programs have almost tripled, and the residency program is at least 10 times greater. We've gone from 30 residents to 300.

"I guess the things that have given me the most gratification have been working with the faculty in planning and imple-

menting new programs for the growth of the school.

"I've also enjoyed seeing the new students come in and watching them develop over four to eight years. I have a pretty good understanding of students because I've been through it myself. You don't forget about the pressures on students and the concerns that they have.

"I don't believe students have changed basically over the years. They're still a dedicated, hardworking group. The things that have changed are the volume and intricacy of medical and scientific knowledge. Also, social changes have had a great impact on how medicine is practiced."

The former dean was instrumental in establishment of the Center's Advancement Fund and Advancement Board.

"Funds from the private sector play an important role in supplementing basic state support and providing flexible and readily available money to allow advances in research, teaching, and patient care programs," Dr. Holman observed.

Looking back over his career, he commented, "I consider that one of my greatest privileges was working alongside Dr. David W. E. Baird.

"Among many other things, he taught



DR. CHARLES N. HOLMAN
former School of Medicine dean

me that nobody's perfect. If things don't turn out as you hoped they would, there is little benefit in blaming it on others' shortcomings."

Dr. Holman's level-headed leadership and energy have left an indelible mark on the Health Sciences Center.

Buffalo Grass artists donate sale proceeds to loan fund

This year's Sam Jackson Crafty Art and Buffalo Grass Society fence sale had something for everybody—painting demonstrations, paintings for adults and children, paintings for doll houses, quick portraits, and more.

HSC President Lewis W. Bluemle was also on hand at the July 19 sale which was held at the Student Activities Building. The Society presented Dr. Bluemle with a \$1,000 check, proceeds from last year's fence sale.

As in past years, much of the money generated by last month's sale will be do-

minated to the Center's Student Loan Fund. This money is available on loan to medical, nursing, and allied health students.

This year, the group will also donate \$200 to the Student Activities Building for basketballs.

The Society will again offer painting lessons on campus beginning fall school term. Interested beginners should contact Berle Stratton, 8274, and others may call Elizabeth Frankus, 8411.

Photo near right, Painter Charles Mulvey receives gift of appreciation.



Grandma Rose's book-signing party—a resounding success

When Rose Naftalin decided to begin Rose's Restaurant in 1955, she knew she was taking a big chance.

"The first two years were the hardest. I was offering Portland an unknown product, and it took a long time to educate the public to my way of doing things.

"I wanted to give them top quality food, using only the best ingredients—pure butter, the best of eggs, and only U.S. choice meats," Rose explained.

Her perseverance paid off, and Rose's became one of the Northwest's most well-known restaurants—renowned especially for its savory sweets doled out in literally giant-sized portions.

Rose recently launched another culinary adventure, a cookbook with the ir-

resistible title, *Grandma Rose's Sinfully Delicious Cakes, Cookies, Pies, Cheese-cakes, Cake Rolls, and Pastries*.

A book-autographing party at the Health Sciences Center last month seemed in order in light of the fact that Rose's son-in-law, Dr. Edward Rosenbaum, is on the School of Medicine's volunteer faculty and her grandson, Howard Rosenbaum, is a fourth year medical student. (Four of Rose's grandchildren have chosen careers as physicians.)

The book-signing party July 23 at the HSC bookstore was a resounding success. Not only were 80 volumes of Rose's book sold before the party even began, but by the time the party was over, a total of 210 books had been purchased by students and employees eager to try their hand at the authentic recipes that made Rose famous.

Her grandson Howard, who helped out at the party, commented, "The family really encouraged her to write the book, but nobody realized it would be so successful. It was accepted by Random House undescribed—which happens rarely."

He described his grandmother as basically shy, but added, "She has an incredible amount of drive and has always worked harder than anyone knew. Her cooking is her life, and this book is one way of teaching others and perpetuating something that's meant so much to her."

Howard's father, Dr. Edward Rosenbaum, clinical professor of medicine, commented, "The whole family can take pleasure in the wonderful things she's done. It's been a lot of fun."

When he was asked if he samples her cooking as often as possible, the physician replied, "I religiously try to avoid it. It is sinful—and fattening."



DR. EDWARD ROSENBAUM, above left
HOWARD ROSENBAUM, above right
ROSE NAFTALIN, far right

When Rose retired from the restaurant business in 1966, the new owners had to hire five chefs to replace her.

HSC personnel who arrived too late to buy a book at last month's party will have a second chance in October when Rose will attend another party here.



Roofbreaking inaugurates clinic

A unique ceremony at the Health Sciences Center July 28 marked the first step in expansion of the ophthalmology clinic.

In an unusual "roofbreaking" ceremony, HSC officials and state Elks officers joined construction workers on the east wing roof deck of University Hospital South last month.

Much of the 3,563 square feet to be gained by construction of a tenth floor on that wing will be occupied by the Elks' Children's Eye Clinic.

Basic construction cost of \$245,000 has been funded by bequests from the Aubrey Watzek estate and the Dr. and Mrs. John E. Weeks endowment to the School of Medicine. The Elks Vision for the Future Program has contributed an additional \$70,000 to the project for special cabinetry, fixed equipment and special services in relation to equipment installation.

Dr. Kenneth Swan, chairman of the department of ophthalmology, explained that expanded facilities are necessary to accommodate the increasing numbers of children being brought to the clinic for treatment.

HEALTH SCIENCES CENTER NEWS

Volume 4, No. 8

University of Oregon Health Sciences Center, 3181 S.W. Sam Jackson Park Road, Portland Oregon 97201

Lewis W. Bluemle, Jr., M.D.,
President

Joseph J. Adams, Vice President
for Planning and Resource
Development

Mary Ann Lockwood, Editor
Susan Pogany, Managing Editor
and Photographer



Photos, clockwise, beginning above: 1. Early surgery was crude in comparison with modern standards. The first surgery in an Oregon hospital was performed at St. Vincent. 2. Good Samaritan Hospital, completed in 1875, donated a corner of its property for

the new medical school. 3. The School of Medicine's second location was in Northeast Portland on Lovejoy Street. 4. Thomas Underriner, center, presented awards to Dr. Lewis Bluemle, right, and Robert Elsner, Multnomah County Medical Society director.



Histories of three institutions closely linked

"For 88 years our two institutions have shared the talents and skills of physicians and surgeons and other personnel as we have ministered to the needs of the sick and injured. On the occasion of our Centennial Observance, we express our appreciation to the University of Oregon Health Sciences Center and to you individually for the close relationships which have existed, which do exist, and which we look forward to extending into a second century."

With these words, Thomas J. Underriner, administrator of St. Vincent Hospital and Medical Center, presented Dr. Lewis W. Bluemle, Health Sciences Center president, with a bronze statue of St. Vincent de Paul at a special ceremony July 19.

This year two Portland hospitals are celebrating their 100th birthdays. St. Vincent Hospital treated its first patient on June 24, 1875. A few months later, on Oc-

tober 9, Good Samaritan Hospital opened its doors to patients.

The historical development of the HSC School of Medicine is closely related to the growth of these two hospitals.

The need for hospital facilities in Portland was recognized as early as 1866, when Archbishop F. N. Blanchet of Oregon City asked the Sisters of Charity of Providence to help establish a hospital.

In July, 1874, Portland's St. Vincent de Paul Society pledged a donation of land and a fund of one thousand dollars for the hospital which opened a year later with beds for fifty patients.

During this time, an Episcopal bishop from Philadelphia, Benjamin Wister Morris, also recognized the need for hospital care in Portland and was engaged in raising funds for an Episcopal facility, to be named Good Samaritan Hospital.

A successful door-to-door fund-raising campaign, initiated with funds pledged by Bishop Morris himself, enabled completion of the building by October, 1875.

During this time, several attempts to establish a facility for medical education in the Northwest were made. A number of

Portland physicians, many of whom practiced at Good Samaritan and St. Vincent Hospitals, were involved with the Medical Department of Willamette University in Salem.

Several efforts to move the training program to Portland, combined with internal conflicts among the faculty, resulted in the resignations of a number of faculty members in 1887.

On June 16, 1887, a charter was granted to the Medical Department of the University of Oregon at a meeting of that institution's board of regents.

Good Samaritan Hospital granted permission to a group of its staff members to place a small wooden building on one corner of its property to house the new school. Most classes and clinical demonstrations were held at Good Samaritan Hospital.

Physicians at both hospitals were instrumental in establishing and administering the new school and in bringing sophisticated medical procedures to Portland.

The commitment of these dedicated professionals is carried forward into the present with the continuing relationships

between these private hospitals and the educational institution now located on Marquam Hill, where the School was relocated in 1919.

At St. Vincent Hospital and Medical Center, students and residents from the School of Medicine receive clinical experience in a number of programs, including an otolaryngology rotation in pathology and surgery, a rotational surgery residency, and residencies in medicine and surgical pathology. There is also a one year international fellowship in cardiopulmonary surgery.

Junior medicine clerkships are provided at Good Samaritan Hospital and Medical Center, in addition to residencies in anesthesiology, obstetrics - gynecology, medicine, and neurology.

The graduate nursing education program at Good Samaritan continues a traditional association, begun in 1890 when the first training school for nurses in the Northwest was started at that hospital.

At St. Vincent the HSC School of Nursing conducts several training programs, including senior/nurse leadership, maternity and medical/surgical nursing, and use of clinical nursing facilities.

Nursing grant aims at improving critical care competency

It is 2 a.m. in the intensive care unit of a Portland hospital. The unit's resident is already involved in an unexpected emergency on the ward, when a second patient goes into cardiac arrest. Two nurses on the unit rush to the patient's bedside with special equipment and all the knowledge they have gained through years of experience. At that moment, the patient's life depends on their competency—and theirs alone.



The survival of an intensive care patient who goes into cardiac arrest may depend on the abilities of the unit's critical care nurses.

Perceiving the immense responsibilities and complexities of critical care nursing, a number of Emanuel Hospital nurses joined together several years ago to seek a means to further their education and skills in this area.

The outcome of their search is the development of a new, unusual, and innova-

tive continuing education program administered through a consortium including the HSC School of Nursing, the University of Portland School of Nursing, and the Oregon Nurses Association.

This program, the only one of its kind in the nation, has just received a federal grant of \$645,000.

The three-year grant was written through the joint efforts of Dr. Gerald Miller, School of Nursing professor of educational research and medical psychology; Pat Smith, of the critical care nursing section of ONA; and School of Nursing Dean Jean Boyle and her staff. The grant incorporates several unique aspects:

First, the program calls for a full academic year of instruction for practicing critical care nurses.

Second, the curriculum is flexible enough that students may complete course work at hours which are convenient to them.

Third, learning will be programmed, and students will progress from one area to the next when they have proven their competency.

The program will involve classroom instruction, learning experiences in simulated patient care areas, and a preceptorship under a physician-nurse team at various Portland hospitals.

Part of the students' instruction will

be computer-assisted and will be offered in the School of Nursing's Learning Resource Center (LRC).

Grants awarded

Cancer research grants totalling nearly a million dollars were received recently by the Health Sciences Center's School of Medicine. Duration of the eight grants ranges from one to five years.

The National Cancer Institute (NCI) has awarded five grants totalling \$576,340 for research in the areas of breast cancer, gene expression, enzymes, and cancer chemotherapy, while the National Heart and Lung Institute (NHLI) has funded a five-year grant of \$259,482 for the study of leukemia cells.

The American Cancer Society (ACS) has awarded \$113,372 for two grants, which will be used to study skin cancer and oxygen metabolism.

Courtesy is contagious at University Hospital North

Courtesy is contagious, and University Hospital North seems set on producing a major epidemic.

The hospital's recently formed Courtesy Committee has already sponsored a poster contest and initiated a "Nice Employee of the Month Contest." And they are still overflowing with ideas for making employees' and patients' lives more cheerful.

Winner of the poster contest, 3NW, is right in the spirit of things. They've spent

their \$15 prize money on two cots for family members staying over night with critically ill patients. They also purchased a transistor radio for patient use.

Chairwoman of the Courtesy Committee Rosemary Wood, nursing evening supervisor, says the group has come up with a multitude of ideas. Among them are:

—A suggestion box in waiting rooms and patient lounges.

—A surgery liaison volunteer whose special duty would be keeping families

of patients undergoing surgery informed of the patient's progress.

—A volunteer in the admitting area to assist visitors.

—Courtesy pins for hospital employees which say "Courtesy heals too."

—A bake sale or smorgasbord of international recipes. Proceeds would go to support the work of the Courtesy Committee.

—Speakers at staff meetings who would discuss public relations, telephone man-

ners, employees' personal appearance, etc.

—A sort of buddy system for new employees. A veteran employee would be a special friend and advisor to newly hired employees.

This month, the committee planned several courtesy-related programs to be presented at nursing staff meetings in September. Role-playing will deal with staff grooming and staff sensitivity to visitors' concerns and needs.

Employee insurance program improves under new law

House Bill 3280 enacted the highest employer contribution to an employee's insurance program in Oregon history. Fifteen dollars was added to the employer contribution to the hospital-medical insurance beginning July 1, 1975.

This 100 per cent increase in state contribution was more than the 24.7 per cent increase in hospital-medical programs for 1974-75. It raised the total annual contribution from \$180 per employee to \$360 per employee for hospital-medical insurance alone. Contributions for health care insurance will be further increased by another \$690 for a group dental plan start-

ing July 1, 1976, so in 1976-77 the insurance subsidies will total \$420 per employee.

House Bill 3005 provides retirement after age 60 with no reduction in the pension for longer life expectancy regardless of years of service. It also reduced the earliest voluntary retirement age to 55 but with all reductions in benefits. Before the law was passed, 25 years of service at age 62 or 30 years at age 60 were required. A 60-year-old employee with 25 years of service and a \$1500 monthly salary who retires at age 60 would cost the state an additional \$5650 by the time he collects

his retirement under House Bill 3005.

The next legislature will consider a two

per cent cost of living increase in retiree's benefits.

Dental faculty plans September retreat

Faculty development and career support will be the focus of the School of Dentistry's annual faculty retreat held this year at the Kah-nee-ta resort in Warm Springs, Oregon, Thursday and Friday September 11 and 12.

Program for the retreat includes individual career planning exercises and structured goal-setting procedures for depart-

ment planning. In addition, presentations will be given by School of Dentistry Faculty Members Drs. Roger Lunt, assistant professor of pedodontics, and Larry G. Wilson, assistant professor of crown and bridge, on Oregon State University's summer faculty development workshop. Oregon Institute of Technology's Dr. John Ward will be guest speaker on Thursday.

JDI offers students week-long look at careers in dentistry

(continued from page 1)

tute, remarked, "Not only do the students benefit from the program, but we are attracting some highly qualified young people to the health professions."

"In addition, we are promoting the idea of good oral health, and we are positively influencing the opinion leaders of tomorrow, even if they do not choose a health profession career."

He added that throughout the sessions, it is emphasized that other health professions are similar in educational method; thus, JDI is representative of all health professions.

Nearly all students applying to JDI who need financial assistance with tuition and living expenses receive help. The Institute is completely self-supporting through scholarships and grants from various dental organizations.

JDI students learned (photos, left to right) to take an oral hygiene index; give an oral examination; and place amalgam restorations.



Diamond surgical knife helps restore Eugene youngster's sight

Dr. Swan shows young Mike Thomas the knife used to help restore his sight.

The special diamond knife was a gift from businessmen and the Elks Lodge of Multnomah.



The gift of a surgical knife by Multnomah businessmen and Elks Lodge may help to save the sight of a Eugene boy.

The diamond micro-surgical knife was used June 12 to remove a cataract from the eye of five-year-old Mike Thomas of Eugene. Dr. Kenneth Swan, professor and chairman of the department of ophthalmology, performed the surgery.

The micro-surgical knife was purchased

from a fund raised in honor of Kayo Hogan, son of Multnomah Elk James Hogan, who was killed in an auto accident.

Dr. Swan said a donation to the eye clinic was chosen because it is the Elks' main charity program and because Kayo was 10 at the time of his death.

The tiny, diamond-edged knife cost more than \$600, according to Dr. Swan. "The purpose of the knife is to make

extremely precise incisions," the physician commented.

He said it was necessary to use an operating microscope when using the knife for micro-surgery. With micro-surgery, he said, the recovery time after the operation is greatly shortened.

Dr. Swan said the surgery has already made a marked improvement in Mike's vision. Further improvement is expected.



August Volunteer of the Month is 17-year-old Diana Meling, one of many student volunteers donating their time during summer vacation.

HEALTH SCIENCES CENTER
NEWS

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

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