



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.*



## 'Budget of dreams delayed' for HSC awaits approval

"This is a budget of dreams delayed — a budget for survival and a budget for stabilization. When we return again, two years from now, I hope that we will bring to you a budget for innovation, a budget for creativity and a budget for new achievements in teaching, in patient care and in research."

That is how Dr. Leonard Laster, HSC president, described to legislators the Health Sciences Center's request for education-and-general funds for the 1979-81 biennium.

The budget request comes in the wake of the "taxpayers' revolt" and surging inflation, Dr. Laster noted, when a state-supported institution's very survival cannot be taken for granted.

As revised into the Governor's Budget, the HSC budget request totals \$225,256,233 for the two-year period. Of that amount, \$80.8 million is to come from state funds.

The proposal is now being considered by the Oregon Legislature's Joint Ways and Means Subcommittee on Education, which recently heard testimony by Center administrators. Later the request will go before the full committee for final approval.

The budget of the Health Sciences Center has public service components of University Hospital, Crippled Children's Division and the dental clinics as well as education and general program portions for the Schools of Dentistry, Medicine and Nursing. In addition, this year the Center has highlighted — as a separate component of the budget — central administration and centralized services.

Four areas of need have been given top

priority in the HSC's proposal for the education-and-general budget. They are the School of Medicine, School of Nursing, hospital dental service, and Center management.

Breakdown of the total biennial budget includes the following: \$50,398,962 for education and general programs (Schools of Medicine, Nursing and Dentistry and administration); \$123,039,570 for University Hospital; \$11,187,342 for the Crippled Children's Division; and \$1,967,552 for the dental clinics.

*The Health Sciences Center's budget was given high priority by the State Board of Higher Education.*

Other items in the budget (which are self-financed from fees, charges, gifts, grants and contracts) include auxiliary services (parking, book stores, residence hall, etc.), operating and service accounts (print shop, continuing education programs, lab stores, copy center, etc.) and gifts, grants and contracts.

Last year, Dr. Laster noted, the State Board of Higher Education adopted six "priority" items to include in the state's total higher education budget for 1979-81. Second in priority was a \$2 million addition to the HSC budget for academic programs. The HSC was the only state institution singled out by the SBHE for special budgetary consideration.

In assessing where that \$2 million should be funneled, Dr. Laster explained, he and fellow HSC administrators deter-

mined that "the urgency of the problems of the School of Medicine was greatest and its budget was given first priority."

Last year the School of Medicine's fiscal ills forced it to cut departmental budgets 6 percent, dip into its modest endowment funds, and go to the Legislative Emergency Board in July for half a million dollars in funding. The School had been faced with a projected deficit of nearly \$1 million because of several unanticipated revenue deficiencies for the 1977-79 biennium.

Here is how the Health Sciences Center's budget request looks for 1979-81:

### School of Medicine

The thrust of the School of Medicine's list of priorities in its \$25,292,081 budget request is "to provide a stable source of funding" for its present 291 full-time-equivalent (FTE) faculty.

Even at that level, the School ranks among the lower 30 percent of U.S. medical schools in terms of faculty-student ratio, pointed out Dr. M. Roberts Grover, acting dean of the School. To bring the ratio up to the national median would require adding 55 faculty, he said.

In an effort to move closer to the median, the School is requesting the addition of six faculty.

These six positions represent a "final installment," according to Dr. Grover. Because the School of Medicine agreed in 1968 to increase its enrollment by 35 percent, he explained, the legislature agreed to provide the School with 72 additional faculty positions to be phased in over three biennia beginning in 1969. The last six remain to be authorized.

*In photo above: During a tour of the Health Sciences Center in March, members of the Oregon Legislature's Joint Ways and Means Subcommittee on Education and other officials visit a School of Dentistry laboratory — where they find a surprised dental student, Kyle Chock. Pictured from left to right are Dr. T.K. Olson (in back), executive director of the*

*Oregon Educational Coordinating Commission; Rep. Howard Cherry; Dr. Louis Terkla, School of Dentistry dean; Dr. Donald Kassebaum, vice president for hospital affairs; Rep. Vera Katz;*

*Dick Cherry, son of and administrative assistant to Rep. Cherry; and David Witter, HSC director of fiscal services. At right is Dr. Leonard Laster, HSC president.*

Final element of the School's budget request is a program improvement to establish a medical oncology program in the department of medicine.

"Medical oncology is the fastest growing of all medical subspecialties in internal medicine," Dr. Grover said. "Virtually every medical school in the country has faculty members working exclusively in medical oncology, teaching students, residents and community physicians."

This proposed program will cost \$190,000 for the biennium and will enable the School to add 1.5 FTE faculty and support services.

At the budget hearings in Salem, one of the speakers representing the School of Medicine was Rebecca Bascom, president of the School's senior class. She testified that medical students were deeply concerned about "the uncertainty created by

*(continued on page 2)*



# Budget aims for betterment

(continued from page 1)  
recurrent budget crises . . . It is not a climate conducive to maximum learning."

## School of Nursing

Key item in the Governor's Budget for the School of Nursing is funding for nine FTE faculty members in the graduate program and for related services.

The School, Dr. Laster said, "was created out of the medical school without being given an appropriate level of support."

Dr. Carol Lindeman, dean of the School of Nursing, told legislators, "With these (nine additional) faculty positions, quality of education would be maintained, a full eight-year accreditation of the School would be likely, and faculty morale would improve. Although a major concern remains quantity of faculty, of equal concern is quality, as well as providing an appropriate balance in all ranks."

Even with the funds for the School of Nursing in the Governor's Budget, Dr. Lindeman continued, the problems of an inadequate support staff and an inadequate services and supplies budget remain to be corrected.

The School of Nursing's budget proposal comes to \$3,749,393.

*There would be  
"an important patient dividend"  
if the requested positions  
for the hospital dental service  
were funded.*

## School of Dentistry

Development of the hospital dental service is a priority of the School of Dentistry's biennial budget request, which totals \$8,242,576.

The School seeks a new program for funding of 2.5 FTE faculty to supervise the hospital dental service. The faculty are needed to meet accreditation requirements for resident training in general dentistry and oral surgery, said Dr. Louis Terkla, dean.

"In 1972, 1976, 1977 and 1978, the American Dental Association's Commission on Accreditation cited as major deficiencies the facilities and staffing of the hospital

dental service," Dr. Terkla told legislators. "Especially lacking were the required, close supervision, coordination and teaching of dental residents by academic staff, a suitable hospital-based facility, and ability of the service to provide predoc-toral students with hospital dentistry experience."

The School proposes to add a chief administrator, an oral and maxillofacial surgeon, and a general dental practitioner to the current one-person staff.

"There would be, of course, an important patient dividend if the requested positions were funded," Dr. Terkla pointed out. For example, he said, it is vital that oral infection be removed in patients being prepared for major surgery and in others whose health is compromised.

President Laster added that development of a dental service within the hospital is "a critical extension of the concept that ours is a university concerned with the health of human beings, regardless of whether the individual rendering care is labeled dentist, nurse, physician, or allied health professional."

## Center management

A central administration "sorely lacking in resources" is portrayed by Dr. Laster in the HSC's budget request to the legislature.

He pointed to a variety of external audits that cited systems deficiencies and reflected, "There are a good many devoted, hard-working people who are trying their best but who have never really been given the tools to bring the management of this university up to standards one ought to expect of an institution such as this."

Dr. Laster pointed to the strides made in the management of University Hospital as a contrast. Because it is 75 percent self-supporting, the hospital has been able to make the necessary investment and "the results are readily apparent," he said.

Included in the central administration's portion of the budget request are additional systems and employees to strengthen administrative and fiscal services as well as institutional capability in administrative data processing and systems management analysis.

## University Hospital

Representing over half the Health Sciences Center's total budget, University Hospital has proposed a budget of \$123,039,570 for the 1979-81 biennium. This includes \$1.5 million for workload increases and approximately \$4 million for program improvements.

*Nearly all of the  
requested increases in  
the University Hospital budget  
will be self-financed.*

"The budget is calculated on the basis of containing revenue deductions (deductions from revenue, such as charity allowances and bad debts, that will have to be funded by general-fund appropriations) under 30 percent of gross revenue," said Dr. Donald Kassebaum, vice president for hospital affairs.

"Overall, patient and other fees will fund around 76 percent of operating expenses, and the general-fund appropriation about 24 percent. Nearly all of the workload increases, program improvements and capital expenditures will be funded from patient revenue."

University Hospital is requesting budget expansions in seven programs to accommodate increases in workload. The programs are diagnostic ultrasound, cytogenetics laboratory, clinical laboratory, diagnostic radiology, renal transplant, infertility laboratory, and hospital cafeteria.

The program improvements fall under three general headings, Dr. Kassebaum explained. First are 21 different programs needed to meet patient care demands, ranging from primary care outpatient services to plastic surgery, from otolaryngology clinic improvement to ophthalmic photography.



During their visit to the HSC, members of the Joint Ways and Means Subcommittee on Education donned hospital gowns to tour the Neonatal Intensive Care Center. Dr. John Reynolds (center), NICC director, describes the facilities to William Barrows (left), legislative fiscal officer; Rep. Vera Katz, and Sen. Ed Fadeley.

Second are programs needed to meet accreditation requirements such as electrical safety and preventive maintenance, and infection control administration.

The third category of new programs will improve accounting and management in the areas of unit dose drug distribution, anatomical pathology, and inventory and materiel management.

Although separate from the HSC's operating budget, Dr. Kassebaum continued, the state's capital construction budget for the 1979-81 biennium contains some items significant to University Hospital.

One is a request for \$580,000 for planning of a five-story addition to the C wing of University Hospital (South). The second is a \$1,795,000 request for remodeling and renovation of the Outpatient Clinic, clinical laboratory and hospital pharmacy. Both projects will be self-financed by the hospital.

## Crippled Children's Division

A no-frills, base budget of \$11,187,342 is proposed in the Governor's Budget request for the Crippled Children's Division.

"It's a base budget that allows us to continue with current activities as reduced in March of 1978," said Dr. Victor Menashe, CCD director.

Instituted because of a projected budget deficit, the 1978 cutbacks reduced the number of days of authorized hospitalization for patients, limited the number of days for rehabilitative inpatient care, made financial eligibility of families more restrictive, and reduced the CCD staff.

## Dental clinics

Completely self-supporting, the dental clinics are seeking the legislative go-ahead to hire 3.2 FTE employees.

Positions requested are one FTE dental assistant in oral surgery, one FTE ceramic technician in fixed prosthodontics, .7 FTE dental assistant in oral diagnosis, and .5 FTE administrative assistant for the main clinic.

The Joint Ways and Means Subcommittee on Education has given tentative approval for the new positions, said Dr. Louis Terkla, dean of the School of Dentistry. However, the subcommittee has stipulated that assuring pay increases for the dental clinics' classified staff must take precedence over hiring of new employees. So, Dr. Terkla said, depending on revenue projections for the clinics, hiring of the new employees may have to be delayed.

"The preparation of the budget was given a great deal of time and thought and effort," Dr. Laster said.

No matter how the legislature treats the HSC budget, he noted, several bright spots have appeared in the budget proceedings.

"It is important to note that each vice president, dean or director who helped prepare the budget was equally concerned about the other person's presentation, and out of this effort is emerging a team — a team that will, I have no doubt whatsoever, move this institution in exciting new directions. That sense of unity and collegiality was evident throughout the budget presentation."

Another positive sign is that the HSC

has developed support in the community, Dr. Laster said. Legislators have been re-

*A sense of teamwork  
as well as support from the community  
will move the institution  
in "exciting new directions," according  
to President Laster.*

ceiving letters urging appropriation of the Governor's Budget for the HSC from the Portland Council of Teaching Hospitals, Northwest Oregon Health Systems, Oregon Medical Association, School of Medicine Alumni Association, School of Nursing Alumni Association, Oregon Society of Internal Medicine, HSC All-Hill Student Council, and health professionals and citizens from throughout Oregon.

"We went into the budget process as a group of cordial allies," said Dr. Laster. "We have come out as a band of colleagues, strong in our resolve to see this university achieve the quality, the excellence, the compassion and the skills that the people of Oregon want and deserve."



Students from the advanced biology class at Lake Oswego High School found plenty to keep them intrigued during a recent visit to the HSC. Here, Dr. Ralph Tanz, associate professor of pharmacology in the School of Medicine, demonstrates the effects of drugs on the isolated mammalian heart. Using a coronary perfusion apparatus, he perfused a guinea pig heart through the coronary arteries, causing it to beat by itself. He recorded the heart rate, electrocardiogram, intraventricular pressure and coronary flow. Then he injected drugs into the coronary arteries so the students could see the effects of the drugs on the various parameters.

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# Dexter helps dental students learn radiography safely

Concern about the dangers of exposure to radiation doesn't faze Dexter.

He routinely submits himself to repeated doses of radiation, all in the name of dental education.

"Dexter" is how the School of Dentistry's department of oral radiology refers to the Dental X-Ray Teaching and Training Replica (DXTTR), a head-and-neck mannequin

designed to help teach oral radiography.

Introduced into the School of Dentistry three years ago, DXTTRs (four of them now) are doing their part to alleviate the concern in recent years about unnecessary exposure to radiation. Students learn their x-ray techniques on the mannequins instead of one another.

"Before, our technique lab had been

done by pairing up the students and having them practice taking films on each other. However, that's a rather unacceptable approach these days," explained Dr. F.M. Sorenson, chairman of the oral radiology department.

Dexter's mannequin-ish appearance is only skin deep. Beneath the rubber latex covering, constructed to simulate soft tissues and skin, is a real human skull — complete with an excellent set of teeth. A simulated, movable rubber tongue completes the effect.

"It's built to resemble the real thing as closely as possible," Dr. Sorenson said of the mannequin, "so that the students have as realistic an experience as possible."

But he noted, laughing, "It's slightly less effective in teaching a student because, of course, these mannequins don't bite back, they don't gag."

To make up for that minor flaw, radiography students practice putting the x-ray films into each others' mouths but don't expose the films.

Dexter acts as a guinea pig mostly for sophomore dental students, third-year dental hygiene students, and dental assistants taking continuing education classes. With the mannequins, students learn to take routine intraoral views (comprising 22 separate films) and occlusal views (x-rays

*Practicing her x-ray technique on Dexter is Beverly G. Anderson, a dental assistant taking a continuing education class in the School of Dentistry.*

of the entire jaw in closed position). The mannequins also are used in more advanced classes.

After mastering their x-ray techniques with Dexter's help, the students ply their skills on real, live, human patients.

The original DXTTR was constructed in 1965 for the Department of Health, Education and Welfare, National Center for Radiological Health.

Dexter, as Dr. Sorenson pointed out, is handy but expensive to have around. The mannequin costs up to \$1,500 and needs to be "rejuvenated" every couple of years.

Even mannequins can develop tooth troubles.

## 'Walking through Fire' film to be aired on TV

"Walking through the Fire," a two-hour CBS television documentary that includes scenes filmed at the Health Sciences Center, will be aired May 15 at 9 p.m. (Pacific Daylight Time).

The movie is based on Laurel Lee's hospital journal of the same title, which she wrote about her experiences as a University Hospital patient being treated for Hodgkin's disease.

On Feb. 28 a movie crew filmed scenes at the newborn nursery, the entrance to the Family Practice Clinic, and the roof of University Hospital (North).



Alumni of both the Schools of Medicine and Dentistry had get-togethers in April. At the medical alumni meeting, Drs. Laurie Lind and Max Naimark (left and center in large photo) enjoyed visiting, and an alumnus (photo above) found a comfortable spot amid the 80 library auditorium seats newly refurbished through the alumni association's efforts. In top photo, Drs. J. Warner Henderson (left) and Don Walther chatted during dental alums' luncheon at the Oregon Dental Association's annual meeting in Portland.

## Medical alumni share memories, honors

It was "old home week" for School of Medicine alumni who converged on the UOHSC campus April 4-6 for the medical alumni association's 64th annual scientific meeting.

Highlighted by the Sommer Memorial Lectures, the meeting also included talks by the Alumni Lecturers, the annual alumni association luncheon, presentation of awards, election of officers, and several class reunions.

Dr. Richard Hodgson, '56, Portland, was elected president of the School of Medicine Alumni Association. Other new officers include Drs. Robert Gray, '55, vice

president; Curtis Holzgang, '63, treasurer, and Guy Gorrell, '53, secretary. All are of Portland.

Regional vice presidents elected were Drs. William Drips, '58, Salem; Byron Musa, '56, Eugene; Charles Sawyer, '57, Tucson, Ariz., and Betty Thompson, '59, Portland.

Four physicians were singled out to receive the alumni association's Meritorious Achievement Awards. These recognize physicians "who have contributed substantially to medical education in Oregon through hours and hours of devoted service to the School as members of the volun-

teer faculty," said Dr. Holzgang, who introduced the award winners.

Recipients were Dr. Marvin Goldman, who has given a "tremendous amount of time" as a teacher and consultant in the gastroenterology service; Dr. Frederick Kingery, a regular contributor to the clinical and academic activities of the department of dermatology; Dr. Donald Slocum, '35, who is active in the orthopedics department and makes particular contributions in his subspecialty, the knee; and Dr. John Stephens, noted for his teaching and patient care activities in the School of Medicine's diabetes programs.

Thirty-five selected members of the Class of 1939 were honored with awards of lifetime membership in the alumni association.

Also recognized at the alumni meeting was Dr. Susan Elliott, resident in dermatology, who won the association's second annual competition for a resident's paper.



# Readers flood HSC tinnitus clinic with pleas for help

"Please! Please! Please send information on how I can get relief!"

That message from Bethesda, Md., is typical of the flood of letters — some 40,000 of them — that recently has inundated the Kresge Hearing Research Laboratory at the UOHSC.

The letters began pouring in from all over the United States and Canada just two days after an article appeared in the March 11 issue of *Parade* magazine. The subject was the Kresge Lab's special tinnitus clinic and its efforts to relieve tinnitus, persistent noises within the ear that afflict millions of Americans.

To Dr. Jack Vernon, director of the Kresge Lab, who was featured in the article, the overwhelming response comes as no surprise.

"According to the last estimate," he noted, "there are 36 million adults with tinnitus in the United States, and 20 percent of them have it severely — that's over seven million people."

Dr. Vernon added, "I think this (response to the article) is just another piece of evidence that is testimony to the need that exists out there."

Happily, most of those 40,000 letter writers can expect to find relief for themselves or their loved ones.

As the *Parade* story pointed out, the UOHSC tinnitus clinic has had great success in relieving tinnitus through one form or another of masking the ear noises. Dr. Vernon has developed a tinnitus masker, which resembles and is worn like a be-

hind-the-ear hearing aid. Carefully selected hearing aids have helped tinnitus sufferers who have hearing losses. And, a combination hearing aid and masker has been developed and is now in use.

"We are constantly getting new and improved maskers, and people we could not help a year ago, in many cases we now can," said Dr. Vernon. "Hope for complete relief is as high as 60 to 70 percent."

That kind of news is music to the ears of tinnitus victims. In letters to the letter writers, Dr. Vernon will specify where they can go for help among the nationwide network of hearing specialists who have been specially trained at the HSC tinnitus clinic.

With so many letters to answer, the

Kresge Lab staff is forced to turn to a computer for help with mailing. "It will be a form letter — a form letter with an apology," he said.

Letters to the Kresge Lab have come in many a form. Picking her way through the mountain of letters atop a large table at the lab, volunteer letter-opener-and-sorter Helene Benson observed:

"Some of them are requests for information; some are cries for help; some give complete medical exam records — they even send laboratory reports. And a lot of them give the history, duration and cause of their suffering."

She said, "Many of them have said that doctors have told them there was no help. . . A lot have requested an answer by

collect call to them, they're so desperate for help. Many have said they would come here to Portland to get help, even from across the country."

Dr. Vernon noted that about 45 percent of tinnitus cases are caused by excessively loud noises, such as some factory and military noises. A small percentage is a result of head injuries. Many cases are of unknown origin.

Whatever the cause of the affliction, tinnitus sufferers aren't the only ones who've been writing to the clinic. Parents and young people concerned about loved ones with tinnitus also have sent letters.

"I guess the cutest one had a return envelope all addressed for us," Dr. Vernon said, "and it was addressed to 'Grandma.'"



Working their way through only a small portion of the tens of thousands of letters that inundated the Kresge Lab are, from left, Helene Benson, Linda Goodspeed, Dr. Jack Vernon and Clarice Shea. A formidable amount of volunteer time was needed to open and sort the letters. Among the volunteers was one young woman who worked seven hours a day for two weeks on the project. A worker quipped, "One volunteer said she thought the most fun of getting a letter was opening it. She's since changed her mind."

## Nursing and politics mix, says SNO leader

If Lynda Owen had her way, some student nurses would be as adept at writing letters to their legislators as they are at writing patient progress records.

The new president of the Student Nurses of Oregon (SNO) said she hopes to persuade the state's nursing students that they can have a hand in shaping policies that affect nursing.

*"As state president, I feel that policy setting is within the scope of nurses, and it is informed nursing students who are going to pave the way."*

"It just happens to be that I'm very political minded, and I can't understand why others aren't too," said Ms. Owen, a sophomore in the School of Nursing. "Policies that people in Salem and Washington, D.C., are setting affect us here and it would seem that students would be interested. . . Even if people don't become extremely politically involved, they should be informed."

She noted, "As state president, I feel that policy setting is within the scope of nurses, and it is informed nursing students who are going to pave the way."

So, one of Ms. Owen's three main goals as SNO president is to set up workshops to familiarize student nurses with the political process.

"Student nurses should be able to relate the role of nursing within the health care and general political arena and identify resources for legislative knowledge," she said. "It is only through recognizing the mechanism for change that they will be skilled enough to initiate new policy."

A second goal is to increase member-

ship in SNO — "by providing a reason for membership." For example, she said, the organization could offer educational programs for academic credit.

Ms. Owen's third goal is to create a network of communication among all nursing schools in Oregon. This, she said, would provide a direct line for recruiting members and for keeping students informed on health-related and political problems.

Although only a sophomore, Ms. Owen — who recently helped deliver her own third grandchild — feels she has logged enough experience over the years to be an effective SNO leader. She also finds time to serve as sophomore class president.

Ms. Owen has bolstered SNO's flagging membership by helping recruit about 30 fellow HSC students.

With hopes of bringing back ideas to share with Oregon's student nurses, the president was looking forward to attending the National Student Nurses Association convention April 18-22 in San Antonio, Tex.

SNO should be both an educational and political organization, Ms. Owen said. She views SNO as a precursor to the Oregon Nurses Association. And, she stressed, nurses should develop an awareness of issues that affect nursing while they're in school, where they are "primed for learning."

"I think it's time that nurses were assertive," she said, "pushing for what they believe in instead of sitting back. . . It's important that nurses no longer take a back seat. They have equally important contributions to make as any other profession, probably more so."



As president of the Student Nurses of Oregon, Lynda Owen has several fellow HSC students serving with her in office. They are Rebecca Hayhurst, first vice president; Ken Gano, second vice president; Jane Morgan, secretary, and Annette Sergeant, treasurer. Shown at right is Mary Hammond, president of the HSC chapter of SNO.

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