



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.

New technique replaces painful ear injections



There are few things more painful to a human being than having his ear canal injected with a hypodermic needle.

Yet for decades this has been the only means of introducing a local anesthetic into the eardrum before surgical procedures.

Because of children's inability to withstand the pain of receiving local anesthetic, their physicians have usually had to admit them to a hospital to undergo general anesthesia and all its attendant dangers.

But researchers in the HSC department of otolaryngology have developed a painless technique for locally anesthetizing the eardrum. This method has already proved

successful in more than 2,000 cases.

The new procedure, known as "iontophoresis," was developed by a research team lead by Dr. Jack Vernon, professor of otolaryngology and medical psychology; Dr. Robert Brummett, assistant professor of pharmacology and associate professor of otolaryngology; and Dr. Maurice Comeau, former HSC resident.

Iontophoresis uses direct electrical current to cause an anesthetic solution to migrate through the intact skin.

For example, ions in the anesthetic lidocaine carry a positive electrical charge and can be painlessly driven through the skin by the repelling action of the positive pole of a battery.

Careful studies of animals and humans who have been anesthetized by iontophoresis of lidocaine have proved that the procedure is in no way harmful to hearing.

Beneficial side effects of iontophoresis include a decreased chance of scarring and a faster healing time than with conventional procedures.

In addition, for the first time, physicians are able to work in a bloodless field. A high percentage of epinephrine in the anesthetic solution causes constriction of the blood vessels. Ventilation tubes do not become clogged with blood.

During surgical procedures, such as stapedectomy, the physician need not

The once familiar sight of a child about to receive a painful injection of local anesthetic in the ear canal is fast disappearing—thanks to an ingenious technique developed by a team of researchers at the Health Sciences Center.

constantly revert to an aspirator, or sucker tip, to withdraw blood from the patient's ear. (Stapedectomy involves removal of the stapes and insertion of a wire prosthesis.)

The HSC scientists point not only to the nuisance factor and obstruction of

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Two new members join Center's Advisory Council



ROBERT W. ROTH
HAROLD E. SAND



Two new members of the UOHSC Advisory Council were recently announced by Dr. Lewis W. Bluemle, president of the Health Sciences Center.

They are Robert Roth, president of Jantzen, Inc., and Harold Sand, executive vice president-Building Products for Georgia Pacific Corporation. Both men are members of the HSC Advancement Board.

Mr. Roth is on the boards of directors of the First National Bank of Oregon, Portland General Electric Company, Un-

ion Pacific Corporation, Crown Zellerbach and Western Bancorporation.

In addition, he is a trustee of Lewis and Clark College and the Oregon State University Foundation. Mr. Roth is vice president of the Portland Chamber of Commerce and a board member of the Portland Better Business Bureau and Associated Oregon Industries.

Mr. Sand, president of the Advancement Board, is a trustee of the National Housing Center of the Council of the Housing Industry. He is a member of the

St. Vincent Medical Foundation and a former trustee of Marylhurst College.

He is also on the board of directors of the Oregon Mutual Savings Bank. Mr. Sand is a member of the executive committee and board of directors of United Good Neighbors. In 1974, he was named a member of the University of Oregon College of Business Administration Business Liaison Committee.

The two appointments were approved by the State Board of Higher Education in September.

HSC hosts national center for native Americans

Among the economically, socially, and educationally disadvantaged peoples in the United States, native Americans stand second to none. Since disadvantaged groups have been found to have much higher rates of emotional and behavioural disturbance than advantaged peoples, the needs of native Americans for psychological services are great. However, few such services exist.

A national center designed to stimulate the growth of mental health services for American Indians and Alaskan natives has been established at the Health Sciences Center's department of psychiatry, School of Medicine.

Known as the "American Indian and Alaskan Native Mental Health Research and Development Center," the program will lead to better development of existing mental health delivery systems and services and will create new ones in areas where there are none.

Although the center will not function as a patient treatment facility, it will identify and affiliate with existing model mental health projects across the nation which gear therapy to Indian cultural influences.

Director of the new center, which will be located on the top floor of Gaines Hall, is Dr. Herbert Fowler, who is one-quarter Sioux and a member of the Association of American Indian Physicians.

The optimistic, salt-and-pepper-haired physician was raised in the Pine Ridge area of South Dakota and has been active in Indian mental health programs. He is the grandson of America's second Indian physician.

Dr. Fowler is former associate professor of psychiatry at Michigan State University Medical School in East Lansing. In 1958, he was instrumental in setting up the first Indian mental health clinic on a reservation.



The new director described mental health centers for native Americans as "inadequate to non-existing."

He commented, "People joke that in Alaska every Indian has his own anthropologist." But he added that in spite of mountains of research, Indians still have almost no mental health services.

"We still have a long way to go in the U.S. to come up to advanced standards.



Working closely with Indian leaders like Devere Eastman, right, is an important aspect of the job of the center's director, Dr. Herbert Fowler, left. Mr. Eastman, better known as "Papa San," is a full-blooded Sioux Indian and is director of Anpo, an Indian spiritual encampment near Mt. Hood which helps Indian alcoholics.

There are many reasons. Indians themselves are slow to go to centers that are not Indian-oriented. Indians live in a whole other world, and therapists at existing mental health centers are often not able to do Indian-oriented counseling."

Dr. Fowler commented on several mental health problems that require Indian-oriented treatment. "Alcoholism is a problem for white and Indian cultures.

"Treatment for whites is advancing, while the success rate with Indians is almost zero. But experimental programs which approach alcoholism from an Indian viewpoint are having success."

He continued, "Child abuse, which is a common problem with almost all peoples in the U.S., was virtually unheard of in reservation Indians or in real Indian culture. Now it is developing in Indians, and the solution has to be culture-oriented."

An Indian's reaction to depression is also different than a white man's, explained Dr. Fowler. Whereas whites are often almost incapacitated by depression, an Indian is made anxious by his depression and tries to allay the feeling by busying himself at various tasks. This is good therapy, said the physician, and wouldn't be a bad idea for many whites.

As the new center gains more and more information about successful treatment regimens and experimental approaches to common Indian problems, it will publicize this data, sharing knowledge with any Indian community expressing a need for program development.

Other goals of the center include: —Establishing five satellite, service-oriented programs throughout the U.S.

—Training native Americans as mental health research and development specialists.

—Providing experience in community mental health for residents and medical and nursing students with the goal of attracting more minority students interested in careers in this field.

The center is being funded through a five-year grant of more than a million dollars which the National Institute of Mental Health awarded to the National Tribal Chairmen's Association to establish a mental health program.

An advisory board of 12 nationally prominent Indians is being appointed at this time.

Team develops new ear anesthesia

(continued from page 1)

vision associated with the aspirator, but also believe it may cause hearing loss.

"Having a noisy aspirator in immediate contact with the ear for long periods may produce irrevocable hearing loss in higher frequencies," explained Dr. Vernon.

The research team is currently studying the possible relationship between aspirators and hearing loss.

The scientists are also investigating the possibility of anesthetizing the bony meatus, the section of the ear canal next to the eardrum. (When anesthetizing the eardrum with iontophoresis, the researchers noted that the bony meatus did not become anesthetized.)

Ninety per cent of all surgery on the ear requires cutting through the bony meatus, producing much blood and requiring intermittent use of an aspirator.

These procedures are highly painful for the patient.

The HSC researchers are in initial stages of experiments on the bony meatus using iontophoresis for 20 minutes, instead of the 10 minutes required for anesthesia of the eardrum.

They have found that by increasing the electrical current slowly and in carefully planned stages, anesthesia is produced without discomfort.

So far, three of these more extensive surgeries have been successfully performed by physicians in Los Angeles who continue to keep in close contact with the HSC research team.

Dr. Vernon observed that another way in which iontophoresis may be used by

physicians is in cleaning the ear. The process has turned out to be an "extremely effective way" to clean the ear, he commented.

Iontophoresis is also being investigated as a means for producing anesthesia in the nose and sensitive areas around the eye.

One physician has even successfully used the new procedure to anesthetize the arm of a kidney dialysis patient before needle punctures.

The scientists believe that as anesthesia by iontophoresis becomes more widely used, a wide range of medical procedures will be much easier for the physician to perform and much more endurable for the patient.



An iontophoresis unit—similar to the above and based on a design originally conceived by the HSC team—is commercially available through Zygo Industries, of Portland. It provides constant electrical flow.

Late physician's friends set up scholarship

The George C. McCallum Medical Scholarship has been established at the School of Medicine.

The fund was begun with \$4,000 in donations, and friends and relatives of Dr. McCallum have pledged continuous support. (Additional donations may be sent to the UOMS Advancement Fund.) Scholarship money from the fund will be available to undergraduates of the School of Medicine.

Dr. McCallum, a Eugene ophthalmologist who died last year at the age of 62, was the School's first resident in ophthalmology.

At the time of Dr. McCallum's death, a Eugene Register Guard editorial stated:

"Not only was George McCallum respected as one of the Pacific Coast's finest eye specialists. He was greatly admired in this community.

"... As a professional, he was deeply committed to improving the quality and availability of medical care in this area. As

a person, he enjoyed sports, music, scholarly reading, gardening, his family and good friends. And, as a citizen, he took part in many varied civic activities."

Mrs. Ruth McCallum, the physician's

widow, and son Doug, a School of Medicine sophomore, were present September 5 in the Library Auditorium for the unveiling of a portrait of Dr. McCallum which will be hung in ophthalmology.

OMA Auxiliary tours campus facilities

Thirty members of the Oregon Medical Association Auxiliary were on campus September 12 for a look at how funds donated by their organization over the years are being spent.

The group toured the Center's ultrasound laboratory, echocardiogram facility, argon-laser lab, and neonatal intensive care unit.

The Educational Research Fund (ERF) of the OMA Auxiliary is a fund raising organization that solicits individual physicians for donations, as well as conducts fund raising events in a number of Oregon counties each year.

The Fund recently received special recognition at the AMA national convention in Atlantic City for having raised more than \$15 per member. Contributions from Oregon averaged \$19.24 per member.

The money they raise goes to the American Medical Association which returns much of it to the state AMA-ERF. The state AMA-ERF then gives the bulk of funds to the Health Sciences Center for research, equipment, books, and scholarships.

President of the OMA Auxiliary for 1975 is Louise Heiselt. Co-chairmen for the OMA Educational Research Fund are Carolyn Garland and Lynn Hare.

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

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

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The new employee service pin bears variously colored jewels to designate years of service.



Long-time employees honored

At the Health Sciences Center's annual Employee Service Awards Program September 26, 288 employees were honored. HSC President Lewis W. Bluemle presented pins to employees, and a reception followed the ceremony.

Thirty-five-year employees who were honored with jeweled pins for years of service were: Mary Holter (dietary services), Dr. Archie Tunturi (associate professor of anatomy), and William A. Zimmerman (vice president for administration).

Those honored for 30 years or more of service were Margaret French (nurse in anesthesiology) and Dr. Kenneth Swan (professor and chairman of the department of ophthalmology).



At the Service awards reception were: Top Photo, Ardys Hokeness, Marie Hall, and Jean Caldwell. Photos on right, David

O'Hara and Mary Holter; Jean Amos; and Leah Turner. Bottom row, Mary Healy, Phyllis Jennings, and Lillian Baltzell.



CHPA citizen group tours maternity care areas here

A regional network of maternity services will probably be established in the Portland vicinity within the next few years.

The regional system of maternity care is called for in a report of the Comprehensive Health Planning Association's (CHPA) maternity task force. The CHPA approved the report last January.

The next step in establishing the regional network is appointing an *ad hoc* CHPA committee to explore implementation of the system.

This committee hopes to gain input from interested citizens and health professionals as to the goals and purposes

of obstetrical services in the region.

Last month, a representative group of citizens concerned with health care delivery was invited by the CHPA to visit the Health Sciences Center's obstetrics and perinatal areas.

Purpose of the visit was to provide an overview of maternity services delivered by a large institution with the latest equipment and a highly trained and diversified staff.

The group toured the HSC's perinatal center, genetics facilities, neonatal intensive care unit, and ultrasound lab.

This month the group visited St. Vincent Hospital and Willamette Falls Hospital to see how obstetrics is practiced in a city hospital and community hospital.

The CHPA maternity task force report calls for the existence of two types of obstetrical facilities—the regional center and the intermediate hospital.

The plan also recommends that fewer than the current 17 hospitals in this region should provide obstetrical services by 1980.

The Health Sciences Center has indicated a strong interest in being designated a regional center for maternity services.

According to the task force report, the regional center would serve the five-county area and handle all the highest risk deliveries in addition to routine births.

The regional center would set maternal

care standards to be adopted by intermediate hospitals.

Intermediate facilities would handle the balance of routine deliveries, with the number of deliveries per hospital ranging between a minimum of 1,500 and a maximum of 3,000 each year.

The task force report stated that hospitals with less than 1,500 deliveries per year should strongly consider consolidating their maternity services.

Discussions, studies, and site visits necessary to establishing the new regional maternity care program will begin in the near future when the CHPA *ad hoc* committee reaches its full complement of members.

Attorney general's opinion clarifies malpractice question

A 20-page opinion from Oregon's Attorney General Lee Johnson, received in late October, clarified the status of UOHC physicians under the state's new Tort Claims Act which went into effect October 1.

Concerns about the complex malpractice insurance issue among School of Medicine faculty grew throughout the late summer, and in September a series of faculty meetings was called by HSC President Lewis Bluemle.

Questions brought out at that time concerning whether or not institutional physicians were actually covered in the new law and limitation on liability were put to the attorney general by President

Bluemle in his request for the opinion.

A major point at issue was the language of the state's Tort Claims Act, passed by the 1975 legislature, which says that liability protection is not provided for cases of "malfeasance in office or willful or wanton neglect." Many malpractice suits, faculty members contend, charge willful or wanton neglect.

In early discussions with the faculty, Dr. Bluemle, who with his staff has been working on the malpractice issue since June, said, "Examination of the language of the law by the institution's attorney indicates two things: first, that the section was included primarily to apply to public officials; and second, it is taken almost

verbatim from common law, a fundamental legal foundation which remains the same whether or not the language is repeated in the new law. I would say that this point of concern is no longer paramount." The answer provided by the attorney general in the formal opinion is supportive of the president's statement.

The liability limitation of \$100,000 in the Act also posed problems for HSC physicians. A major question was whether the state policy will cover doctors for liability in excess of \$100,000.

In his opinion, the attorney general indicates that the pledge to indemnify employees in a judgment in excess of the limitations specified in the law applies.

Another question raised in the September discussions was whether or not faculty members were functioning as agents of the state in all of their activities, including private practice conducted on the campus. A contract addendum developed to clarify the scope of employment, initially approved by the institutional Advisory Council, the Board of Higher Education and the attorney general, was made available to all appropriate faculty.

In the formal opinion, the attorney general agrees that the HSC president has the authority to execute on behalf of the institution, an employment contract

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Test for cystic fibrosis begins with a kiss

Putting in a VIP appearance on campus September 11, Pat Straub, wife of Governor Robert Straub, read the governor's proclamation establishing "Kiss Your Baby Week" in Oregon September 14-21.

As honorary chairman of the 1975 Cystic Fibrosis (C/F) "Breath-of-Life" campaign, Mrs. Straub explained that one of the signs of C/F is a salty taste of the skin which parents can detect when kissing their babies.

The most serious of all lung damaging diseases in children, C/F causes a thick, sticky mucus which clogs the lungs causing breathing difficulty and repeated infection.

It also affects the digestive system and interferes with the flow of pancreatic enzymes. The average life span for C/F patients is fourteen years, although some now live past eighteen.

The Cystic Fibrosis Treatment, Teaching and Research Center in the department of pediatrics provides care for over two hundred patients from Oregon,

Washington, Montana, parts of Idaho, and northern California.

Physical therapy and inhalation therapy staff train parents in home care procedures. The Crippled Children's Division provides financial support for the families of over 95 per cent of Oregon's C/F patients who could not otherwise afford the high costs of large doses of medication and specialized equipment.

The Oregon Chapter of the national Cystic Fibrosis Foundation is a major source of support for the Health Sciences Center's C/F Center.

Last year the Foundation contributed over \$20,000 to support the Center. An additional \$10,000 for a special research project to study a method of detecting C/F in newborn babies was awarded to Dr. Julia Grach, assistant professor of pediatrics, who is director of the C/F Center.

Tony DiProfio, Oregon's cystic fibrosis poster child, receives a kiss from Pat Straub, wife of the governor, who helped inaugurate "Kiss Your Baby Week" in September.



Drivers must adjust to bus lanes

Construction of a new West Portland Park and Ride bus station next year will be welcomed by hundreds of Portlanders.

But the new station and its accompanying express bus lane (to be completed next summer) may cause many Health Sciences Center employees initial inconvenience.

Plans for the new Park and Ride station (to be located at the Barbur Boulevard/Capitol Highway/I-5 Freeway interchange) call for restriping Barbur Boulevard from Slavin Road to Sheridan Street to create an express bus lane in the center of Barbur.

Express buses from the station to downtown Portland will operate inbound and outbound in this lane during morning and afternoon peak traffic periods.

HSC employees who drive to work

along Barbur Boulevard should be aware that left-turns from Barbur across the bus lane will be restricted during peak traffic periods (7 to 9 a.m., and 4 to 6 p.m.).

The northbound left-turn from Barbur onto Viewpoint Terrace will be removed, and traffic presently using this route will use the Bancroft/Corbett/Hamilton streets routing.

Left-turns southbound on Barbur to Hamilton Street will be permitted by signal and will be moved from the present Viewpoint Terrace location to Hamilton Street.

Tri Met officials stress the fact that not all buses along Barbur will be involved in the new express service. Local buses will continue to run at six- to seven-minute intervals along Barbur.

Researchers affected by Act

The Freedom of Information Act became national law July 4, 1967, but recent revisions and amendments to clarify ambiguities in the law have greatly increased the public's access to government documents and information.

Provisions of the Act are of particular interest to research investigators who receive federal funding in support of their projects and may be concerned about premature disclosure of their lines of research.

The authors of the Act have recognized the need for privacy and protection of scientific ideas, according to John Doerfler, director of research services at the Health Sciences Center.

"All information contained in a grant application is confidential until funds are awarded," said Mr. Doerfler. "When an application is approved for funding, general information identifying the institution,

the subject of research, and the amount of funds awarded is released to the Smithsonian Scientific Information Exchange."

In order to meet the Act's requirements for public disclosure, the Exchange periodically publishes a listing of federally-funded work in progress. The list is available on request.

Mr. Doerfler pointed out that data for the Exchange is taken from the first two pages of the federal grant application form.

Although the summary project description must provide information needed for Department of Health Education and Welfare (DHEW) classification and program analysis, it should be a generalized statement with no references to specific techniques.

As the law applies only to government records, an institution can maintain a more stringent policy regarding release of such information. Such is the case with the UOHSC research services office.

Mr. Doerfler said he gives careful consideration to requests for information about research projects to determine if release of information is justified. He will disclose only the researcher's name, the project title, and the length of time for which funding has been awarded.

Confidential financial data and peer review information are never released by either DHEW or the institution.

Mr. Doerfler also indicated that the formal mechanism established to ensure the public's "right to know" does not alter the confidentiality of research protocols until the investigator chooses to release this information.



Library installs book detection system

Those curious looking chrome gates at each entrance of the library are there for a reason. Not quite as innocuous as they look, they are part of a new book detection system. Since the HSC collection was begun in 1919, several thousand books have been lost. The new system will prevent further loss or theft by setting off

an alarm when a book which has not been checked out properly is removed from the library. Library personnel believe that the \$17,335 detection system will pay for itself in four or five years. Similar book detection systems have earned praise from library administrators throughout the United States.

Biofeedback helps patients control headaches



Headache sufferer Carole Gygi has a followup biofeedback appointment.

Selected patients who suffer the chronic pain of migraine or tension headaches are learning new methods for gaining relief from their symptoms in a headache clinic at the Health Sciences Center.

After two years of concentrated research and study, a team of medical psychologists, under the direction of Dr. Arthur N. Wiens, professor of medical psychology, designed a treatment program using biofeedback equipment to teach patients relaxation techniques for controlling pain.

The treatment program consists of three phases: assessment and diagnosis of the type, frequency, and intensity of headache pain; instruction in use of appropriate biofeedback techniques; and instruction in applying procedures learned in the clinic to everyday situations.

Patients are accepted into the program only on physician referral to ensure that

they have had thorough medical screening.

The first two weeks of assessment are used to determine the procedures applicable in each case.

The following eight weeks of treatment are divided roughly in half between instruction in relaxation techniques using biofeedback equipment in the clinic while practicing at home, and learning to recognize individual sources of stress that may cause headaches.

All members of the team (which includes Dr. Robert G. Harper, assistant professor of medical psychology, who coordinated the initial research review, and Drs. Steven Fey and Jeffrey Steger, medical psychology residents) emphasized the importance of the patient's active participation in the program.

Beginning with initial assessment and continuing through treatment and follow-up, patients keep headache record charts.

These indicate time, intensity, and duration of headaches, and the remedy used each time to obtain relief.

A daily stress chart is kept during the last phase of treatment which enables staff to help each patient develop ways of coping with individual sources of stress.

Dr. Steger commented, "Biofeedback is simply a piece of equipment that gives you more precise information than otherwise available, much like a scale is used to indicate weight gain, or a thermometer to chart the course of a fever."

The treatment goal of the program is to teach patients how to use relaxation techniques to decrease the severity of their symptoms.

The team is also using data accumulated through this program to compile a "profile" that will facilitate the process of initial screening to identify patients most likely to benefit from this form of treatment.

Outreach clinic serves Russian, Spanish community

Near Woodburn about 4,000 people of Russian origin have created their own community in which the pattern of their

lives reflects the tenets of religious belief, hundreds of years old, that their ancestors left the homeland to preserve.



For the "Old Believers," religion is literally a way of life. Language, clothing, family patterns, and social customs are delineated in the book of their faith, which also governs the daily details of their lives.

Dietary restrictions and fasts, together with established folk medicine procedures and cultural characteristics, have made it difficult to provide modern health care to this population.

Seven years ago the Marion County Health Department opened a clinic in Woodburn to serve the Russians, as well as Spanish-speaking residents of the area who were also culturally isolated from the mainstream of health care delivery.

Four years ago the Health Sciences

Center's division of perinatology extended care from the main campus to include this clinic in its outreach clinic program.

"We believe patient care should be available near the patient's home," said Dr. Martin L. Pernoll, division head.

With staff and funding provided by county health departments, the division operates five such outreach clinics in four counties. Care available includes pregnancy testing and examinations, family planning services, and normal prenatal care.

An important aspect of clinic evaluation is risk screening. Patients in low risk are cared for almost entirely in the clinic setting near their homes.

Those at moderate risk are seen in both the outreach clinic and the high risk obstetrics clinic at the HSC, which is the referral focus for all patients at high risk. Most deliveries occur at University Hospital North.

Nurse Midwife Donna Moran gives Russian Patient Maria Sharipoff advice about her son Diormid at the clinic.

More than 250 dentists gather for Alumni Day

More than 250 dentists attended the School of Dentistry's annual Alumni Day October 10 at the Sheraton Hotel.

New officers elected were Drs. Robert Sheridan, president; Kenneth Carneiro, president-elect; Everett Hagen, secretary; Jack Clinton, treasurer; and Ray Marion, editor (all of Portland).

Dr. Louis Terkla, 1952 graduate and dean of the School of Dentistry, was named Alumnus of the Year. Dean Terkla is also current president of the Ameri-

can Association of Dental Schools, president-elect of the Western Conference of dental examiners and Dental School Deans and past president of the American College of Dentists.

Recipients of Presidential Awards were Drs. Sigurd Ramfjord, the guest speaker for Alumni Day, and Kenneth Cantwell, who graduated in the Class of 1943 and is now chairman of the operative dentistry department at the Health Sciences Center School of Dentistry.



Photos. Left-hand columns: (top) 1. Drs. Frank Everett, Lynn Iringer, and Stanley Mayall. 2. Alumni discuss events of the past. (bottom) Dr. and Mrs. John Ryan, oldest alumni at the meeting. They are in the classes of 1913 and 1919. Right-hand columns: 1. Out-going President Dr. Marshall Sanderman, left, speaks with Drs. Sigurd Ramfjord, center, and Robert Sheridan. 2. Dr. Kenneth Cantwell. 3. Alumnus of the Year Dr. Terkla, left, with Brother Dr. Robert Terkla, of Seattle. 4. Faculty member Dr. Steve Clark and Dr. Everett Hagen, Association secretary.

Fifty seek careers as medical technologists

"Medical technology students have a basic interest in the medical field—they don't necessarily want to be doctors or nurses; however, they do want to use their science backgrounds, and they are interested in helping people," explained Betsy Baptist, medical technology educational coordinator.

This year, 14 of the 50-member class are men. The growing number of men in this traditionally-female field is due in part to increasing salaries for med techs.

Medical technology students in the year-long, AMA-approved HSC program attend classes and labs during fall, winter, and spring terms, and spend summer term in the laboratory.

Areas of study include all phases of clinical laboratory work, ranging from clinical microbiology and nuclear medicine to immunohematology and clinical parasitology.

After graduation, students take a national certifying examination to qualify as Certified Medical Technologists with the American Society of Clinical Pathologists.

Prerequisites for entering the HSC's medical technology program include specific requirements in chemistry, biological sciences, and mathematics.

Students must have sufficient credits to complete an undergraduate baccalaureate degree by the end of the 12-month program.

Applications for admission are accepted by the School of Medicine's director of admissions between December 1 and March 1.

Dr. Margaret Berroth, associate professor of clinical pathology, is director of the medical technology program.



Med tech students work to develop a knowledge of all phases of clinical laboratory work. Shown above are Gary Funatake, Jill Trulsen, Pam Gilchrist, and Beth Tannler. Student on right is Kathleen Fletchall.



Funds given

Seven grants totalling over two million dollars have been received by the School of Nursing for nursing capitation, research, traineeship and instructional programs.

The Department of Health, Education and Welfare (HEW) has awarded six grants amounting to \$2,032,156 for curriculum programs in psychiatric and medical-surgical nursing, training programs in pediatric, critical care and professional nursing, and for nursing capitation.

The Oregon Heart Association has granted \$3,800 to May Rawlinson, professor of nursing, to conduct research on the rehabilitation of patients who have coronary artery disease. She will try to identify any differences in the recovery of patients who have undergone surgical versus medical treatment.

The department of psychiatric nursing will use a \$231,010 HEW grant to establish an advanced program in community psychiatric nursing.

A pediatric nurse practitioner training program will be established with a three-year federal grant of \$304,339.

A three-year grant of \$662,363 will be used to develop a continuing education program to prepare nurses for critical care nursing.

Continued support was received for the progressive development of the medical-surgical nursing program. The five-year grant of \$632,850 supports the curriculum program, which is now in its third year of operation at the School of Nursing's Learning Resource Center.

An HEW grant of \$106,024 provides for the continuation of the professional traineeship program. The program assists registered nurse students to prepare for careers in teaching, nursing administration, and advanced preparation in nursing specialties.

For the third year the School of Nursing was eligible to receive a federal grant of \$95,570 for nursing capitation. To receive the capitation grant, a school must show a progressive increased enrollment. The grant will be used for supplementary expenditures, such as hiring temporary faculty, purchasing equipment, and supporting the development of different teaching methods and programs.

IRENE WONG

Dean greets parents

Dr. Robert S. Stone, left, new dean of the School of Medicine, discusses the rigors of a medical student's life with Dr. and Mrs. Edwin Mickel, parents of Freshman Stephen Mickel, after a special convocation for students and parents. Last month the dean also held a reception for faculty and spouses.



Alumni phonathons raise \$33,000

The Health Sciences Center's Schools of Medicine and Dentistry recently enlisted the help of alumni in fund-raising phonathons.

The School of Medicine's phonathon raised \$7,000 for the school's Alumni Annual Giving Campaign. Eleven alumni participated in the two-night event September 16 and 17.

Seventy alumni gathered for the School of Dentistry's phonathon September 30 and October 1. They raised about \$26,000 in donations.

Funds contributed to the School of Dentistry will go toward planned remodeling of the school's continuing education center. Administrators report that the Alumni Association has already raised 80 per cent of the necessary funds.

Donations in past years by School of Medicine alumni have paid for library books, scholarships, and equipment.

Dr. George Caspar, left, Portland ophthalmologist, and Dr. John Tarnasky, volunteer faculty member, phone for donations at recent phonathon.



Photo by Dennis Lavery

Newsmakers

Governor Robert Straub has appointed three new members to the State Board of Higher Education. They are *Ed Harms*, of Springfield; *Betty Feves*, of Pendleton; and *Robert Ingalls*, of Corvallis.

Mr. Harms, an attorney, has taught local government law at the University of Oregon since 1958, but is resigning the position to accept the Board appointment. He was mayor of Springfield for eight years and has served on several major local boards.

Betty Feves is a former president of the Pendleton School Board and has served on a State Board committee on housing in Pendleton.

Robert Ingalls is publisher of the Corvallis Gazette-Times. He succeeds John Mosser, of Portland, who resigned from the Board August 28.



ROBERT C. NOTSON
member, HSC Advisory Council

Robert C. Notson, publisher of Portland's *Oregonian*, retired in July after 50 years of employment with the paper.

Mr. Notson is a member of the Health Sciences Center Advisory Council.

Harold Tu, junior in the School of Den-

tistry, has been elected student body president. Also elected were *Sheila Coe*, a junior from Hermiston, vice president; *Vickie Platt*, a dental hygiene sophomore, Portland, secretary-treasurer; and *Bill Underwood*, junior from Tempe, Arizona, activity chairman.



LELAND JOHNSON
member, HSC Advisory Council

Leland H. Johnson, charter member of the Health Sciences Center's new Advisory Council, has been named president of the board of the First National Bank of Oregon. Mr. Johnson has been senior executive vice president of the bank since January, 1974.

Drs. Robert A. Campbell, *Frantisek Bartos* and *Dagmar Bartos* recently attended a Gordon Research Conference at Franklin Pierce College, New Hampshire, on the subject of polyamines. Scientists from all over the world reviewed their recent findings on possible physiological roles of the polyamines in growing cells, their metabolism and how organisms make them.

Dr. D. Mark Potter, research fellow in cardiology, has been awarded three grants totalling \$35,640 for research on the cause of hypertension in pregnancy. His grants are from the Oregon Heart Association and the National Heart and Lung Institute.

Dr. James Metcalfe, professor of medicine, has been awarded a \$64,192 grant from the National Heart and Lung Institute. The two-year grant will be used to study methods of improving the delivery of oxygen to the muscle of the heart and is of special significance for patients with coronary disease.

Dr. Harry Weitlauf, associate professor of anatomy, has been awarded a grant of \$121,230 from the National Institute of Child Health and Development. Reproductive biology is the subject of the five-year grant.

Dr. Grover C. Bagby, Jr., fellow in hematology, has been awarded a grant from the Medical Research Foundation of Oregon beginning September 1. Dr. Bagby will study hematopoiesis in the preleukemic syndrome.

Dr. William O. Thomas, Jr., assistant clinical professor of obstetrics and gynecology, has been elected second vice president of the American College of Obstetricians and Gynecologists for the 1975-76 term.

Alison McPherson has been named associate director of the office of medical education.

A. J. Clemons, retired director of the Physical Plant, has been named second chairperson of the Homestead Neighborhood Association.

Dr. Earl A. Palmer, former resident in ophthalmology, has been named to the faculty of the Pennsylvania State University College of Medicine.

Dr. Julian Taplin, assistant clinical professor of psychiatry, has been awarded a diploma in clinical psychology by the American Board of Professional Psychology, Inc.

Dr. Ralph Merrill, professor and chairman of the department of oral surgery at the School of Dentistry, has taken a leave

of absence for teaching and research at Harvard University in Cambridge, Massachusetts.

The major part of his one-year sabbatical will be spent as visiting professor at the Harvard School of Dental Medicine and as a visiting fellow at the Massachusetts General Hospital.

Dr. Ralph Tanz, associate professor in pharmacology at the University of Oregon Health Sciences Center School of Medicine, has been awarded a Fogarty Senior International Fellowship to study in Cape Town, South Africa and conduct research in dysrhythmias, or irregularities of the heart beat.

The one-year grant of \$17,685 from the National Institutes of Health will enable Dr. Tanz to study at the Heart Research Laboratories at the University of Cape Town Medical School, where the first heart was successfully transplanted by Dr. Christian Barnard. Dr. Tanz will research the biochemistry of cardiac cells and hopes to learn how dysrhythmic cells are affected by drugs.

Dr. William F. Connor has been appointed professor of medicine at the Health Sciences Center School of Medicine.

Since 1967, Dr. Connor has served as professor of internal medicine at the University of Iowa College of Medicine and as consultant to the Veterans Administration Hospital in Iowa City.

He was also director of the Clinical Research Center at the University of Iowa College of Medicine.

Urban's Periodontics, a book which was co-authored by *Dr. Frank G. Everett*, professor emeritus of periodontology, has just been published in Japanese. The American version of the book, which was published in 1972, is in its fourth edition. Previous translations have been in Spanish and German.

Dr. Arnol Neely, professor of oral diagnosis at the School of Dentistry, has been nominated for regent of Regency 8 for the American College of Dentistry.

Malpractice question clarified by attorney general's report

(continued from page 3)

which specified the extent to which the state will defend and indemnify employees as well as to specify the scope of their employment when they care for patients as a part of institutionally approved programs.

On receipt of the opinion, President Bluemle made it immediately available to all affected faculty and said that the opinion was requested to provide clinical staff with the greatest degree of malpractice liability protection legally possible under the state law and to minimize the need for purchase of supplemental insurance.

Prior to that time, faculty members seeing private patients were also given the option of increasing their protection by

purchasing additional coverage through a group policy held by the Oregon Medical Association and CNA Insurance.

Before October 1, three private insurance companies insured State of Oregon employees. With the increase in costs, numbers of insurance companies withdrew from insuring for malpractice not only locally, but nationally. Senate Bill 857 (the Tort Claims Act) allowed the state to go into the self-insurance business.

In other points in the formal opinion, the attorney general indicated that his office would expect to rely heavily on the agency head any time a question arises as to whether an employee is acting within the scope of his employment. He also indicated the new law is constitutional.

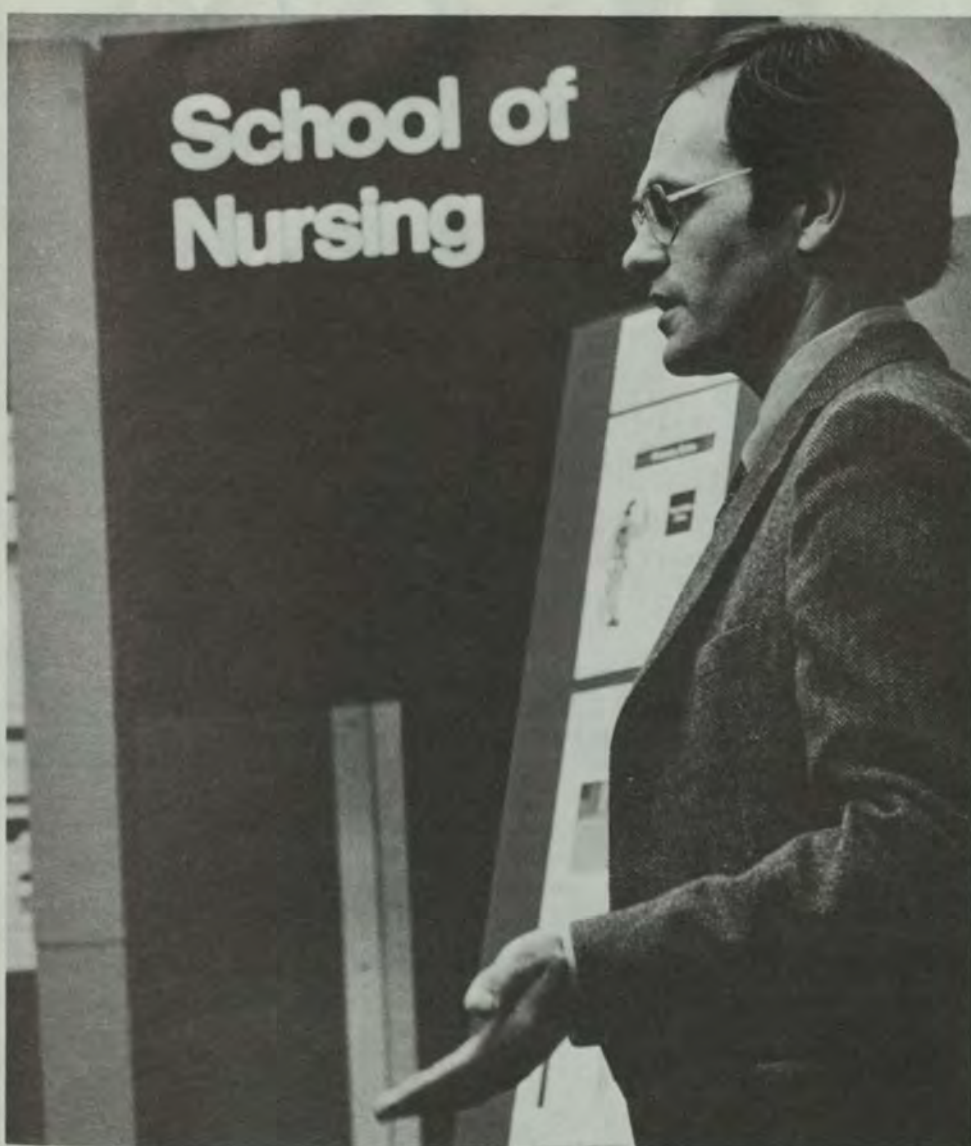
Dorothy Sells chosen by colleagues

University Hospital North's "Nice Person of the Month" program is in full swing. The UHN courtesy committee has announced the results of the September

contests. Honored by the committee are: *Nice Person of September*—*Dorothy Sells*, R.N., evening charge nurse, 3 NW; *Honorable Mention*—*June Hilton*, R.N., medication nurse, 2 NW; and *Jan Ridder*, payroll clerk, UHN.

Among several letters nominating Mrs. Sell, mother of six, for the award was a letter from her 13-year-old daughter, Mary, a volunteer. Mary wrote:

"Mrs. Sells makes a really good nurse . . . She listens to patients and nurses, and tries very hard to help them. She tries very hard to help them. She tries to be very kind — no matter what someone says to her, she always has a kind word to say. Besides all this she makes a fantastic mother. If you can be all these things, you really do have to be a super nurse-mother-lady and most of all a person."



Firm proposes new sign system

The initial report of a Portland consulting firm on a possible new system of interior and exterior signs for the Health Sciences Center was presented in September. Architect *Harold Bahls, Jr.*, in photo above, and two other representatives of the firm *Boutwell, Gordon, Beard*, and

Grimes showed administrators models of available signs and sample materials. A slide presentation showed mock-ups of the new signs in various locations throughout the campus. A decision on adoption of the firm's master plan is still in the future.

Tongue depressor hurlers enact propelling drama

It was an event to end all events: 31 contestants champing at the bit for a good fling; a steady supply of tongue depressors; an enthusiastic crowd; and a fine wind.

The scene was the lawn of the Crippled Children's Division, noon, October 2. The event was the second annual Tongue Depressor Hurling contest.

Officials Drs. Warren Fay, Don Nelson, and Robert Blakeley got the eager spectators and contestants under control, and at the command of "Hurler, hurl!" the contest began.

One by one the contestants displayed all varieties of hurling skills, with some throws failing pitifully, others reaching great heights, but not much length, and still others soaring fantastically to vie for the championship.

Last year's winning hurler, Dr. Daryl Anderson, rose from a covered sanitation truck in his red velvet winner's robe and entered the hurler's box with three tongue depressors hanging from his mouth.

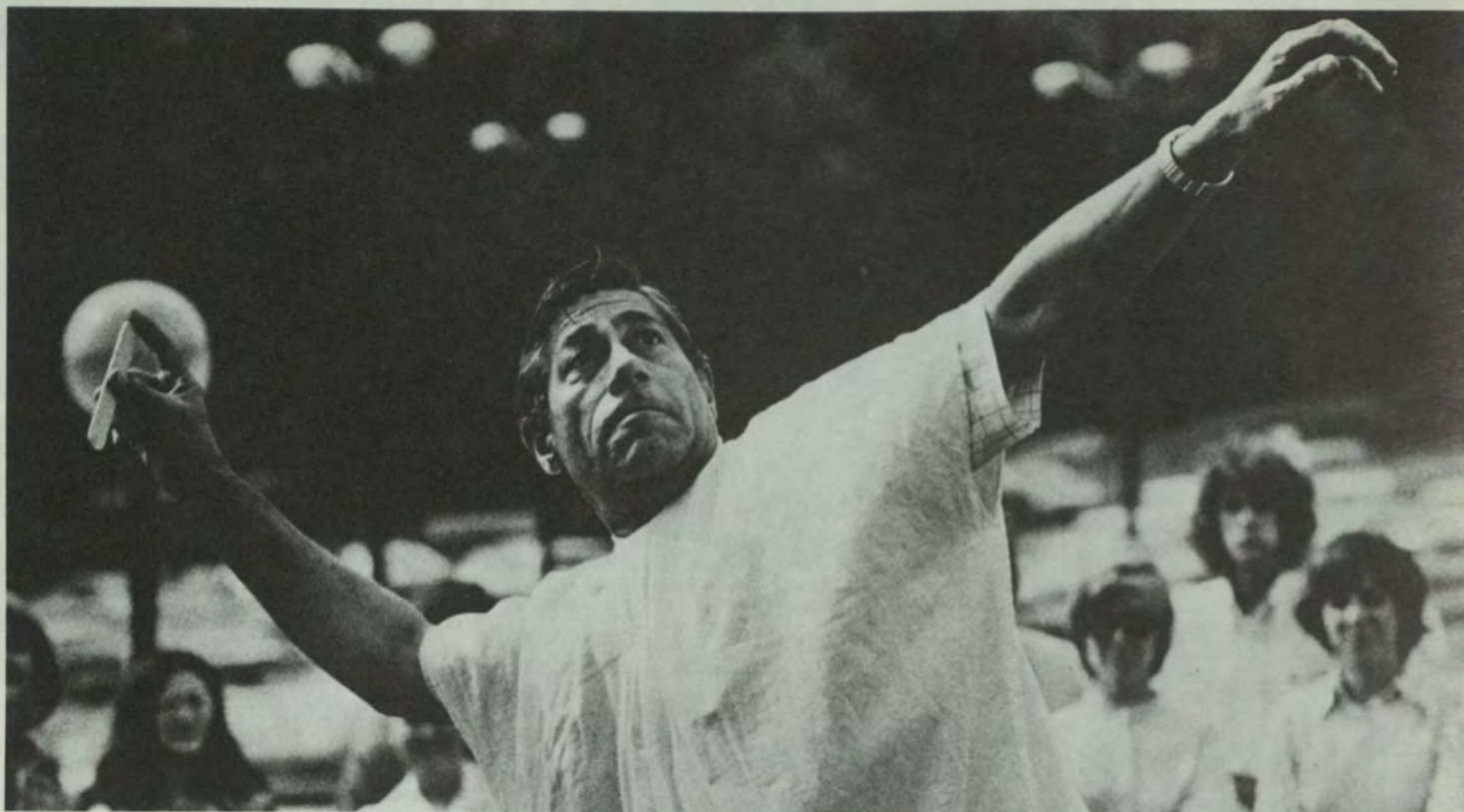
But the colorful ex-champion's hurl of 35 feet fell short of throws by this year's first, second, and third place winners. They are:

1st—Jerry Elder, CCD business manager—46'4½"

2nd—Dick Miller, post doctoral fellow in microbiology—39'1"

3rd—Stanley Hansen, CCD director of instructional technology—36'5"

Displaying all degrees of hurling prowess were: (top photo) Dr. Norton Young; (second row) Lena Hillsman, Sandy Ankrom, Tom Cope; (bottom row) Dr. Rod Pelson, Sue Wright, and Irene Tyler. In the far right bottom photo, last year's winner Dr. Daryl Anderson, right, and this year's second place winner, Dick Miller, center, help this year's champion, Jerry Elder, into his winner's robe.



VIPS

Service Anniversaries— From Personnel

OCTOBER

Five Years

G. Marvin Stephens, HSC bus office
Marilyn Horrocks, registrar's office
Katherine Chavigny, pub health & prev medicine

Betty Keeling, UHS nursing
Ruth Ann Warnock, clin path
Kathleen Yamada, clin path
Laurel Reynolds, clin path
Nancy Denard, clin path
David Johnson, clin path
Sue Ann Randall, clin path
Victoria Woolaston, clin path
Dr. Ruth Ellen Magenis, CCD
Evelyn DeLong, UHN nursing

Ten Years

Elsie Gonzales, phys plant
Virginia Washington, UHS nursing
Marguerite Torker, UHS nursing
Frieda May Nusom, UHS nursing
Elin Roblin, clin path
Anne Morris, medical records
Enid Ruble, radiology

John Hornbeck, animal care, School of Dentistry

Fifteen Years

Lugena Griffin, clin path
Dr. John Jarabak, oral surgery, School of Dentistry

Twenty Years

Harold Fox, phys plant
Dr. Charles Stout, prosthetics, School of Dentistry

Marie Hall, UHN nursing

Twenty-Five Years

Odalie Robinson, UHN nursing

Retirements

Mary Frazier, UHN dietary
Leona Vanderhoof, UHN nursing
Vera Million, UHN dietary
Rebecca Miller, hosp laundry

Grants awarded

The HSC department of public health and preventive medicine at the School of Medicine has received three grants totaling \$541,850 for teaching and training programs for medical students and residents in public health.

The three grants awarded by the Department of Health, Education and Welfare (HEW) cover a five-year period.

HEALTH SCIENCES CENTER

NEWS

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