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MEDICAL SCHOOL LIBRARY

Special guest at a luncheon held at the University of Oregon Medical School on October 17 was U.S. Department of Health, Education and Welfare Secretary Elliot L. Richardson, shaking hands above with Dr. William Krippaehne. During his visit to the Medical School Mr. Richardson visited with faculty members and students.

Scientific developments

After four years of research, Dr. Albert Starr, head of cardiopulmonary surgery at the University of Oregon Medical School, and Edwards Laboratories in California have developed a new cardiac pacer system. The electronic pacemaker can be checked from a standard telephone or radio telephone anywhere in the world due to the newly developed telephone transmitter which comes with the instrument.

The Starr-Edwards Pacer System differs from other such machines in that it is smaller, has a lightweight pulse generator which is more comfortable to wear and is much easier to implant. Battery life expectancy is also greatly improved.

The transmitter, which looks like a princess style telephone, picks up a signal emitted by the pacemaker when the heart contracts and sends it out over the telephone to the Cardio-Pace Evaluation System, temporarily located at UOMS. The transmitted signals received at the Center are then analyzed instantly by an electronic receiver.

A significant decrease (as much as two heart-beats per minute) indicates the battery is starting to run down and the advance warning enables physicians to implant a new pacer before the patient is in any jeopardy from battery failure in the old device.

Currently Dr. Starr and a team of cardiologists and surgeons implant eight to 10 pacemakers a month at the UOMS, Veterans and St. Vincent Hospitals, all in Portland.

The Starr-Edwards cardiac pacemaker was first implanted in a human in September, 1970 at the UOMS. There are now 160 users in Oregon and 325 throughout the world.

Imagine waking up and finding one of your kidneys had been removed, repaired and then reimplanted in your body. Such an incident has been experienced by several patients under Dr. Russell Lawson's care at the University of Oregon Medical School.



Dr. Starr holds new electronic pacemaker. The Starr-Edwards team also developed the first successful artificial heart valve.

Announcement of the new procedure was made by Dr. Lawson, head of the UOMS renal transplant team, at the American College of Surgeons meeting last month and is the first time an operation of this kind has been reported as successful.

Unlike kidney transplants where the risk of rejection is high, this new method eliminates the danger of a poor tissue match. This kind of procedure can also be applied to the heart and liver, Dr. Lawson said.

During surgery the diseased kidney is placed in an iced saline bath, allowing the surgeon six to eight hours for slow meticulous repair. The process also allows for correction of defects in areas that otherwise would not be amenable to surgery.



New board members named



Mr. Lansing

Two new members of the University of Oregon Medical School Advancement Fund board of directors have been named. They are John Y. Lansing and Roscoe C. Nelson, both of Portland.

Mr. Lansing, executive vice-president of Pacific Power and Light Company, has long been a leader in civic and community endeavors. He was co-chairman of the Eisenhower Library Fund Drive in Oregon and vice-chairman of the Radio Free Europe campaign here. A past director of the University of Oregon Alumni Association, Mr. Lansing was for many years a guest lecturer in political science at the University.

Present activities include a directorship of the Public Affairs Council in Washington, D.C., recent completion of a term as president of the Pacific International Livestock Exposition and membership on the Bonneville Regional Advisory Council.

Mr. Nelson, a Portland attorney, is a graduate of Reed College and the University of Virginia Law School. He is a member of the Oregon State Bar, the American Bar Association and the College of Probate Counsels.



Mr. Nelson

He has served as director of the Family Counseling Service and has been active in the Portland Opera Association and the Portland Symphony Society.

medical center news

VOLUME I, No. 10 November, 1972

Medical Center News is published by the University of Oregon Medical School, 3181 S.W. Sam Jackson Park Road, Portland, Oregon 97201 to inform students, employees, faculty, and friends of the institution of programs, activities and events of interest to them.

Charles N. Holman, M.D., Dean
Joseph J. Adams, Assistant Dean;
Executive Editor

Mary Ann A. Lockwood, Editor
Jo Arpin Stage, Assistant Editor

Contributors:
Diane Ledgerwood, Ken
Niehans, Karin Pearson,
Carolyn Prendergast,
Thelma Wilson



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Oregon Association of Editors
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Business Communicators

Meet the board



*Three members of
Oregon State Board
of Higher Education:
George H. Corey, top
left, George Layman,
top right and John
W. Snider*



Nine Oregon citizens direct the activities of the State's publicly supported colleges and universities.

These eight men and one woman make up the Oregon State Board of Higher Education.

They serve higher education in Oregon for six-year terms and are appointed by the Governor. They come from a variety of backgrounds and from several parts of the state.

The law creating Oregon's unified State Department of Higher Education was enacted by the state legislature in 1929 in order to "organize the work of each and all of the institutions under its control so as to eliminate unnecessary duplication of equipment, courses, departments, schools, summer schools, extension activities, offices, laboratories and publications." The System was actually formed in 1932.

The effectiveness of the organizational structure of the Oregon State System of Higher Education—due in large part to the dedication of the men and women who have served on the Board—has become widely known and "the Oregon System" has served as a model for other states which have developed similar unified systems.

The Board functions through formal meetings scheduled at six-week intervals and numerous committee meetings held year-round. Day-to-day activities are presided over by the Board's paid staff headed by the Chancellor, Dr. Roy E. Lieuallen, who has offices on the University of Oregon campus in Eugene.

In the first of a series of articles about the Board, *Medical Center News* will introduce some of those people who have the enormous responsibility of managing and controlling the destinies of the 10 units (University of Oregon, Oregon State, Portland State, Oregon College of Education, Eastern Oregon College, Southern Oregon College, Oregon Technical Institute, the Medical and Dental Schools and Division of Continuing Education) that make up the Oregon State System of Higher Education.

President of the Board and chairman of the executive committee is Newberg attorney George Layman. He is a graduate of Reed College and University of Oregon Law School. Mr. Layman has been a member of the Oregon State Board of Higher Education since 1963.

An active public servant, Mr. Layman is city attorney for Newberg; has served as mayor twice; was, for 10 years, a state representative; and between 1961 and 1963 was chairman of the Oregon Constitutional Revision Commission. During World War II he was in government legal service with the Office of Price Administration, Sugar Rationing Administration and Departments of Agriculture, State and Justice.

John W. Snider, vice-president of the Board, and member of the executive committee, is a Medford businessman. He has been active in Medford city government, serving as mayor for five years and as a member of the city council. Mr. Snider attended the University of San Francisco, and has been a member of the board of directors of the Automobile Association of Oregon.

Mr. Snider is a member of the Board's building committee.

The third member of the executive committee is George H. Corey, Pendleton attorney. Another man who has given extensively to public service, Mr. Corey is former district attorney of Umatilla county; has been active in the Oregon State Bar Association, as a former member of the board of governors; is a fellow in the American College of Trial Lawyers and the American College of Probate Counsel as well as the American Bar Association. He is a former president of the Pendleton Chamber of Commerce, the Pendleton Rotary Club, and the University of Oregon Alumni Association.

Between 1958 and 1964 Mr. Corey was a member of the State Water Resources Board. In addition he is a member of the Pendleton Round-up board of directors; the Happy Canyon Board and in 1960 was Pendleton's Outstanding Senior Citizen.

In addition to the executive committee, Mr. Corey sits on the Board of Higher Education's academic affairs and public service activities committees.

profile



Seated at the console of his reed organ, Bud Wilkinson has removed a panel under the keyboards and is using a "reed puller" to extract a reed for cleaning; there are more than 500 reeds in this organ.

Somewhere amidst the test tubes and flasks in the clinical pathology department can be found James (Bud) Wilkinson, clinical pathology instructor at the University of Oregon Medical School for nine years. Among such surroundings it is hard to visualize him collecting and repairing antique organs. However, a pipe organ, an electronic organ and two reed organs, one in working order and one in parts with no console, make up his collection today.

His interest in organs began when he was a child, when he was intrigued by the sound, and then later when he could afford such a hobby, he became "even more interested" in them. "As long as I can recall I have been fascinated by organs although I play very little; I like the technical part while most organists don't enjoy the mechanics."

Bud prefers the classic organs over the theater variety and a new full-sized Rogers

electronic is in his collection. His wife, Brenda, plays and it was necessary to obtain for their home a more portable instrument. This electric organ can be made to sound like a classical.

Bud's first step in starting his collection was to purchase parts of a reed organ. Due to lack of information on the subject, the organ still stands inoperable today.

The largest item in his collection is a 12-15 rank (row) pipe organ, containing somewhat less than a thousand pipes. It was purchased, in poor working order, at a sale put on by the State of Oregon in 1967. To remove the organ from the original residence it was necessary to rip apart a section of the building.

"I had to do a lot of reading to find out what exactly I was getting into. It's overwhelming to look at all the ranks and pipes; it's like looking into a computer and seeing what makes it run," he said.

To store the massive organ a special room was built in Bud's father's garage so that the sound could reflect off the walls. "Most people think the pipes are located in the organ console but they are usually in an entirely separate room and vary in size from pencil width to ceiling height." Occasionally pipes are visible behind the organ console but they are generally for decorative purposes only.

The noise released from the pipes is not as loud as one would expect and it can be altered to produce a softer tone. However, if one has irritable neighbors it would not be advisable to take up pipe organ collecting. Luckily Bud has no neighbors close by. "My pipe organ is really quite small, though," he said. "The largest one I know of is in a department store in Philadelphia—it has 500 ranks and occupies seven stories."

Restoring the pipe organ is such a time consuming task that the pipes for Bud's instrument are not assembled as yet and some are "stashed under beds and in the hallways."

Unlike the pipe organ, Bud's 1928 reed organ is in working order. Probably the largest type of reed organ ever made, it has been modified with an electric blower to eliminate the manual cranking or peddling necessary to blow wind over the reeds. This movement of air gives the organ its unique sound. The instrument was originally played in a church, a use for which it was most likely intended, until five years ago after which time Bud obtained it from a private home.

Because of the vast amount of room needed to store organs there are few people who collect them. To conserve space, alternatives available in the case of a pipe organ would be to connect two sets of pipes to one console, or to get a small, cheaper organ and incorporate it into a larger one.

Summing up the situation Bud said, "You are very limited when you collect organs, you almost need a warehouse."

Biometrics program started

Each year about 10 Oregon State University students, who are involved in a graduate student training program combining statistics, medicine and biology, will now receive training at the University of Oregon Medical School where they will be working on statistical problems arising in medical research.

This unique program in biometrics, made possible by a \$400,000 five-year grant awarded to OSU by the U.S. Public Health Service, applies statistics and quantitative analysis to biology. The original program, one of only a few in the country, began five years ago with a smaller grant.

The new program will provide financial support and highly technical training for two groups of students, those who are working toward doctoral degrees in statistics with em-

phasis on methodological problems in biology and medicine, and students who have their doctoral degree but who want additional training in applying statistics to medicine and biology.

Helping with instruction will be UOMS medicine department faculty members Drs. J. David Bristow, chairman; Shabudin Rahimtoola, professor; Frank Kloster, associate professor and Louise Kremkau, assistant professor.

Letter prompts investigation

N-5472 Seimsfoss, Hardanger
Norway
October 6, 1972

Director of Nurses
Multnomah County Hospital
Marquam Hill
Portland, Oregon

Dear Madam:

Will you please tell me if there is an alumni association for the graduates of the University of Oregon Training School for Nurses?

1973 is the 50 year anniversary of the moving of the Multnomah County Hospital to Marquam Hill, as well as of my finishing training there. If finances will permit, my husband and I have tentative plans to return to the Portland area for a short visit, and I would enjoy attending the Commencement exercises for the Class of 1973. That is if I can beg an invitation.

The little brown suede folder that contains my diploma from M.T.S. and the certificate of my Oregon registration has indeed been a "magic carpet" that has taken me many places. The years have been full, and I have been richly blessed.

There have been many advances in medicine since I entered training in August, 1920. Your shelves are well stocked with the latest pharmaceuticals, antibiotics, hormones, vitamins, etc. and sterile, disposable hypodermic syringes to give them with. They are a far cry from the tiny cabinets of bottles on each floor of the old Multnomah County Hospital that introduced me to *Materia Medica*.

I have many memories of the days I spent in training there. I appreciate the splendid preparation I received at the Multnomah Training School for Nurses.

Sincerely yours,

Eva Rolfe Natterstad, R.N.
Class of 1923

The above letter has been answered by Mrs. Gale Rankin, director of nursing service at Multnomah Hospital and included an invitation to visit Portland and tour the hospital. Commencement arrangements will be made later.

Mrs. Natterstad's letter prompted further investigation into the history of Multnomah Hospital. The archives of the Medical School Library proved fruitful. The following excerpt is from "The History of the Origin and Growth of the Multnomah County Hospital, Portland, Oregon," which was read before the Medical History Club of the University of Oregon Medical School, March 30, 1933.

"...on May 16, 1919, the County Commissioners accepted from the Regents of the University of Oregon the deed to some seven acres of land on Marquam Hill with the agreement that the County would erect and maintain the County Hospital at this location. Two months following, on July 23, 1919, the Com-

missioners met with the representatives of Sutton and Whitney, Architects, to discuss plans for the new hospital. Those agreed upon at this time, were for the eventual accommodation of some 500 patients, the total cost including equipment, to be in the neighborhood of \$1,000,000 when all units were completed. It was designed in the form of an H but at this time only the south one half of the H was to be constructed in which 250 patients could be easily cared for. The estimated cost of this unit and its necessary equipment was to be around \$500,000.

"On June 27, 1920 work on the first unit was under way and continued for the next three years. There were the usual and unusual delays by strikes and other unforeseen obstacles and with the repeated requisition for more funds by the architects, but in April, 1922, it was so near completion that Dr. Charles Mayo (ed., co-founder of the Mayo Clinic), was conducted through the hospital on his visit to Portland. His comment on the structure is of note. Quote, "The hospital is particularly fortunately placed because of the possibility it offers for cooperation with the

medical school. ...It is the finest hospital I have ever inspected and I expect it in the coming years to set the model for many advances in medical work in other places.'

"On November 26, 1922 the hospital was thrown open for public inspection, but not until August 29, 1923 was it ready for active service. On this day 80 patients were transported from the old 'Hooker Street Hospital' by ambulance to their palatial new quarters on Marquam Hill.

"It is interesting to note here that when plans were first discussed in regards to the construction of a new county hospital in 1919, the estimated cost was to be not more than \$500,000 but the completed structure as it stood ready for occupancy in August, 1923 cost the County taxpayers some \$1,250,000. This brief and incomplete history ends here with the County's poor sick installed in one of the most complete, modern and beautifully situated hospitals in the country and so no more should there be heard,

" 'Rattle his bones over the stones,
He's only a pauper whom nobody owns.' "

—Courtney M. Smith
March 30, 1933

Multnomah County Hospital's first location was in a house, right, between S.W. 2nd and 3rd and S.W. Woods and Hooker Streets, just off what is now Barbur Boulevard. A wrecking permit at Portland's City Hall shows a request for demolition of the building was filed October 8, 1923; on December 27 of that same year a notation was made indicating "the project was nearly completed."

Just over a month before the original request was filed, patients were moved to a new facility, nearing completion, below, on Marquam Hill, almost directly west of the old location. At the time, MacKenzie Hall (1919) and its five-story addition (1922) were the only other buildings in the Medical School complex.





On their tour of the Basic Science Building the survey team from Atlanta worked with projection equipment and determined its potential. Team members are, l to r, Clement Benjamin, assistant chief, audio-visual systems and application branch, National Medical Audio-Visual Center; Robert Turnbull, and Eldon Ullmer.

A-V facilities surveyed

An extensive survey of the University of Oregon Medical School audio-visual and teaching resources program took place the week of October 16-20. At the request of Dr. Charles N. Holman, dean, a three-man survey team from the National Medical Audio-Visual Center (NMAC) of the Department of Health, Education and Welfare, Atlanta, Georgia, reviewed the School's teaching areas, production space and instruction personnel.

A major topic of discussion during the visit was facility design and its use for proper instruction. Over 40 Medical School faculty members were interviewed and students were asked their views and expectations of the School's use of media in instruction. Present areas on the campus now devoted to a variety of teaching aids were analyzed and consolidation of visual aids services now administered separately was considered, especially for services involving the Medical School library.

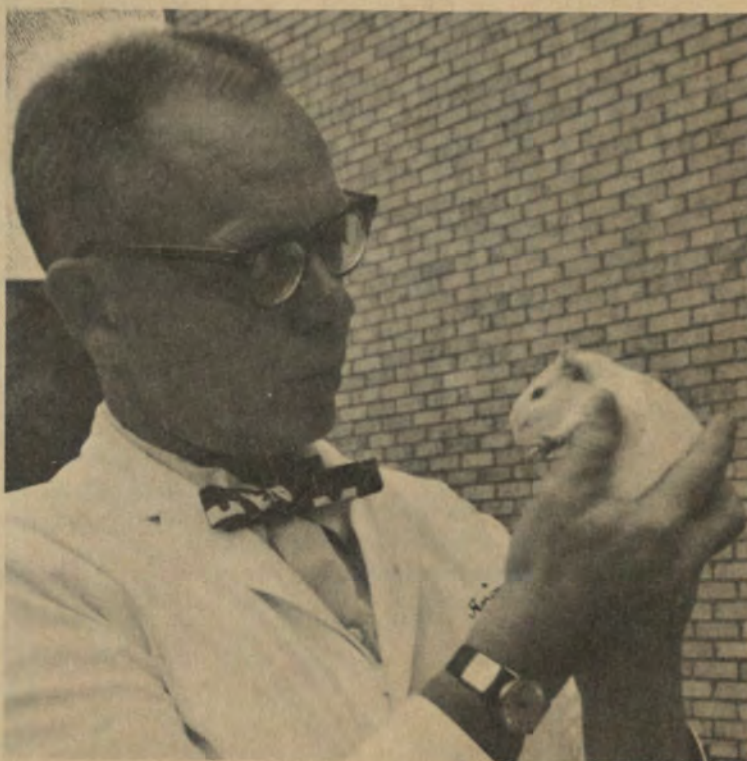
A complete report will be sent to Dr. Holman sometime in November and will include site findings, conclusions and recommendations for improvements.

After evaluating the School's media research and needs, and determining how present resources could best be used, the team is expected to suggest programs of in-service training. These would be designed to evaluate teaching objectives and make the faculty continually aware of the utility of visual aid techniques and hardware in their teaching programs. Recommendations for even better ways to use instructional resources in the School's various curricula will also be included in the report.

APPROXIMATELY HALF of the United States' 7,000 hospitals are now equipped with intensive care units, facilities that were available in only seven per cent of all hospitals just a dozen years ago.

PHOTOS

Holding one of 40 very special guinea pigs is Mr. Allan Rogers, director of animal care. Flown in from Montana by a National Guard command aircraft, the furry little fellows are a special strain, susceptible to fibrosarcoma tumors and inbred since 1904 which makes them identical. Researchers at the University of Oregon Medical School and Veterans Hospital studying these tumors have developed an immunity in the animals and feared termination of their three-year project until more of the guinea pigs were specially airlifted from their only source in the west.



White hard hats are now required attire for the physical plant construction crew. Worn above by Merle Hansen, left, and Randy Archer the hats are the result of new federal government and Oregon state safety regulations.

Dr. William S. Fletcher, professor of surgery, was presented a check again this year for cancer research by the Ladies Auxiliary to the Veterans of Foreign Wars. The \$3,008.00 gift "is very much needed and will be used in the general area of tumor immunology," according to Dr. Fletcher. Making the presentation are auxiliary members, l to r, Mrs. Janet Bennett, junior past department chairman, Mrs. Lola Reid, national president from Minnesota and Mrs. Aileen Ferguson, department president and last year's cancer chairman.

Oregon placed second in the nation last year in VFW contributions. ▼



When the new Centrex phone system goes into effect on December 2, four compact consoles, right, will replace the switchboards now used at the Medical School, left, and at the Dental School.

VIPs

SEPTEMBER

Service Anniversaries—from Personnel

- 5** Nancy Gerhardt, microbiology
 Roberta L. Henson, neurosurgery
 Dr. Michael Miller, pediatrics
 Dorothy Northrup, MSH nursing
 Walter Peterson, computer service
 Shirley Rowe, endocrinology
 Dr. Alexander Schleuning, otolaryngology
 Richard Stolz, budget office
 Claudine Stone, radiation therapy
- 10** Beverly Barnes, MSH nursing
 Dr. Robert Fitzgerald, medical psychology
 Wally Johnson, MSH nursing
 Alberta Randle, MSH nursing
 Mable Raynor, medical genetics
- 15** Dr. Martha Hamilton, clinical pathology
 Emily Malaimare, MSH nursing
 June Woods, OPC admitting
- 20** Ann Koch, cardiology
- 25** Gary Fosheim, physical plant
 Dr. Demetrios Rigas, medical genetics
- 35** Margaret Hughes, library

OCTOBER

Service Anniversaries—from Personnel

- 5** Anne Bastin, MSH nursing
 Joyce Beeman, dermatology
 Dr. John Black, biochemistry
 Robert Brooks, animal care
 Kathryn Chapman, TB Hospital
 Marie Duncan, School of Nursing
 Gladys Goodrich, medical psychology
 Kathleen Hansen, cardiac surgery
 Betty Henderson, radiology
 Pamela Lasselle, clinical pathology
 Dr. Michael Litt, biochemistry
 Marilyn Maricle, MSH nursing
 Betty O'Donnell, MSH nursing
 Mary Tellert, MSH nursing
- 10** Mary Pullen, neurology
- 15** Enid Clinton, MSH nursing
 Eddie Louise Harris, MSH nursing
 Dolores Pemberton, ophthalmology
 Willard Spangler, physical plant
 Mildred Strasburg, physical plant
- 20** Dr. Charles Dotter, radiology
 Dr. Howard Mason, biochemistry

Moving Up

- Esther Arington, clerk 2 to clerk 3, development office
 Susan Baird, clerk 4 to acctg. clerk, business office
 Lorraine Crawford, R.N. 1 to R.N. 2, MSH admitting

- Margaret Dahms, R.N. 3 to R.N. 4, MSH nursing
 Roy Davidson, clerk 3 to clerk 4, business office
 Janice Harris, sec. 2S to sec. 3S, program planning
 Shirley King, clerk 2T to clerk 3T, OPC admitting
 Lizzie Kinney, P.N. 2 to R.N. 2, MSH nursing
 Lauri Millet, R.N. 1 to R.N. 2, MSH nursing
 Martha Rau, clerk 2T to clerk 3T, purchasing
 Roberta Smith, inst. wkr. 1 to inst. wkr. 2, MSH housekeeping
 Dianne Speros, R.N. 1 to R.N. 2, MSH nursing
 Claudette Summerville, R.N. 1 to R.N. 2, MSH nursing

NOVEMBER

Service Anniversaries—from Personnel

- 5** Dale Caldwell, ORMP
- 10** Viola Eisenbach, School of Nursing
 Theodore Johnston, animal care
- 15** Sarah Peterson, MSH nursing
- 25** Lucille Leonetti, MSH nursing

Moving Up

- Mary Abbott, clerk 2T to clerk 3T, business office
 Mary Anderson, inst. wkr. 1 to clerk 2, TB Hospital
 Margaret Burchett, inst. wkr. 1 to inst. wkr. 2, MSH hskpg.
 Berniece Dasso, clerk 2T to clerk 3T, parking
 Sandra Duncan, sec. 2D to sec. 3T, EEG lab
 Esther Fish, cook 2 to baker 1, MSH dietary
 Susan Grabast, R.N. 1 to R.N. 2, MSH nursing
 Judy Graber, clerk 1T to clerk 2T, OPC admitting
 Phyllis Linville, therapy tech. to inhal. ther. 1, inhalation therapy
 Nancy Mann, therapy tech. to inhal. ther. 1, inhalation therapy
 Donna Mell, R.N. 1 to R.N. 3, MSH nursing
 Carol Moore, R.N. 1 to R.N. 2, MSH nursing
 Dianne Moore, R.N. 3 to R.N. 4, OPC nursing
 Darlene Reid, inst. wkr. 1 to inst. wkr. 2, MSH hskpg.
 Mary Smith, sec. 3T to clerk 4T, patients' business office
 Wesley Waddle, cust. wkr. to groundsman 1, physical plant
 Charlene Webb, R.N. 2 to R.N. 3, MSH nursing
 Randy Wilson, cust. wkr. to laborer 1, physical plant

New Faculty

- Full-time
 Bonnie Marie Brekke, instructor in pediatric nursing

- Dr. Frederick C. Felter, instructor in anesthesiology
 Raymond F. Fry, instructor in radiation therapy (radiation physics)
 Dr. Richard H. Grant, assistant professor of public health and preventive medicine; coordinator, Needs Assessment Unit and Cont. Education Unit, Oregon Regional Medical Program
 Marie Grounds, assistant professor, medical-surgical nursing
 William D. Parente, instructor, assistant hospital administrator
 Michaelle Ann Robinson, instructor, psychiatric nursing
 Karen M. Shiraishi, instructor in psychiatric nursing

Part-time

- Dr. Anita Lohman, assistant clinical professor of psychiatry

Volunteer

- Dr. Thomas D. Bartley, assistant clinical professor of surgery, division of cardiopulmonary surgery
 Dr. Edward J. Baum, affiliate in environmental medicine
 Dr. William H. Cloyd, assistant clinical professor of psychiatry
 Dr. Edward F. Crippen, assistant clinical professor of environmental medicine
 Dr. Theofilus de Bruin, clinical instructor in medicine
 Dr. Luis Garcia-Bunuel, associate professor of neurology (VAH)
 Dr. Douglas Hildreth, clinical instructor in surgery
 Dr. Thomas J. Hart, Jr., clinical instructor in ob/gyn
 Dr. Ira Korman, clinical instructor in psychiatry (Psychology)
 Dr. Lawrence C. Mason, clinical instructor in pediatrics
 Dr. John P. Phelan, clinical instructor in radiology (diagnosis)
 Dr. Paul D. Stull, clinical instructor in urology
 Dr. Sandra Vilhauer, clinical instructor in pediatrics
 Dr. Neil R. West, clinical instructor in pediatrics
 Dr. James Whiting, assistant professor of radiology (diagnosis) (VAH)
 Dr. David F. Wilson, clinical instructor in otolaryngology
 Dr. Lynn Wittwer, clinical instructor in family practice

Retirement

Anna Jo Ness, secretary to the administrator of Multnomah Hospital for 18½ years, retired the end of last month. Several weeks before a party was held in her honor.



When asked what she now plans to do Anna Jo said, "As little as possible—though I enjoy golf and hiking and working in my garden. If it really rains hard I may even clean my house!"



Nursing students led parents and visitors on tours of the School of Nursing facilities.

Dedication day

Thursday, October 5th, was dedication day at the University of Oregon School of Nursing. In a break with the traditional capping ceremony reserved for sophomores only, many of the School's 490 students, along with their parents, shared in the observance. During the afternoon tours of the medical and nursing schools' campus, demonstrations of what and how they learn were presented by the students to give parents a better understanding of the curriculum.

At 6 p.m., following a faculty reception at the Civic Auditorium for students and guests, students were awarded their formal symbols of academic progress. One hundred and four sophomores received their nurses' caps (men students are given chevrons); 149 juniors were eligible for the grey cap-stripe signifying their status and 117 seniors were qualified to wear the black cap-stripe indicating they were completing the last step required for a baccalaureate degree in nursing.

During dedication day the University of Oregon School of Nursing also observed three significant advances: the largest enrollment in its 40 year history, establishment of a new program for master of nursing degrees, and the receipt of a \$433,100 National Institutes of Health grant to develop a pilot program for improved medical-surgical nursing instruction.

Recent bequests

Bequests totaling \$219,500 from three former Portland residents have been received by the University of Oregon Medical School.

A \$75,000 bequest from the estate of Winifred A. Tebbets was designated for research on heart disease, and a gift of \$74,500 was received from the estate of Clara E. Mulkey for the unrestricted use of Doernbecher Memorial Hospital for Children.

Under the will of Helen Paulson, a permanent endowment fund of \$70,000 known as the Dr. Harry M. Hendershott Memorial Fund, will be used for teaching and training in the otolaryngology department. Dr. Hendershott, Mrs. Paulson's late husband, was a long-time Portland otolaryngologist in private practice.

UOMS tumor registry

The University of Oregon Medical School Tumor Registry has been computerized. Three years and seven months of abstracting and coding patient records from the Tumor Clinic at the Medical School and Multnomah Hospitals has been completed and the last of more than 12,000 records from 7,234 tumor patients have been fed into the UOMS Computer Center's magnetic files.

The Registry, which now records all malignancies, leukemias and lymphomas seen at the eight tumor clinics on campus, has been around since the 1930's. But it was not until 1960 that a standardized registry system was able to be implemented by Surgery Department Chairman Dr. William Krippaehne. As the years passed, and more patients were discovered, treated and followed closely, Registry records reached the unwieldy stage. The mechanical task of sorting the information became impossible and in 1968 Dr. William Fletcher, professor of surgery and director of the Tumor Clinic, started to prepare for computerization of the last 12 years of Tumor Registry records, an effort made possible by funding from the American Cancer Society, Oregon Division and by memorial bequests for cancer research. Abstracting and coding was the task of Mrs. Sally Palmer, research assistant, and has just been completed.

Registry records provide a complete picture of each patient's disease progression, starting with the initial diagnosis of the malignancy and continuing with each piece of new or changed information. Access to this vast store of information is vital. Primarily it enables cancer patients to be systematically followed, and saves lives by early detection and treatment of recurrences of the disease. But it is also providing a complete study of cancer treatment and results at the UOMS. This is useful not only in determining base lines in diagnosis, treatment and survival but in defining areas where further data, research and planning is needed, and as a backlog of information for the medical profession treating cancer in private practice.

The Registry file is kept on a magnetic disc, or stored on magnetic tape at the UOMS Computer Center. Charts of new patients and patients whose status has changed are abstracted onto coding sheets at the Tumor Registry and these update sheets are added to the files at the Computer Center. The computer is programmed to alter the magnetic files, fitting the updated material into the correct places.

The glory of the computerization of the records is the ease with which information can be at hand. Print-outs of the Tumor Registry files can be quickly and routinely produced at any time. The computer can provide listings in alphabetical order by patient name or in numerical order by Tumor Registry abstract number, in the same coded form as used on the magnet disc of the computer. Report listings are also available in which the codes are replaced by words, making the reports usable by persons who do not know the code. These report listings can be produced, depending on

the intended use, by anatomical site, patient name, hospital, physician name and so on.

In addition the computer can print out specialized summary reports used for research and statistical analyses, and special reports and studies listing, for example, all patients with tumors of a given kind by sex, age, anatomical site, therapy and so on.

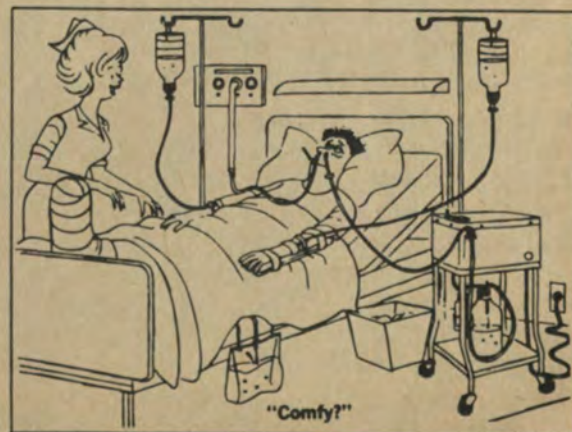
To ease the abstracting and coding workload of tumor registries, the Rocky Mountain States Cooperative Tumor Registry recently redesigned and combined the tumor abstracting and coding forms into a single multipart document. The UOMS Tumor Registry records have been recoded to conform to these new definitions. Provisions are also being made for the possibility of a central statewide registry. Thirty-six hospitals with support from the Oregon Division of the American Cancer Society are presently keeping tumor registries. The centralization and computerization of all these records would insure a systematic and complete view of cancer treatment in the State of Oregon.

Student aid

Forty-five University of Oregon Medical School students have benefited from a recent four-year \$89,799 grant from the Robert Wood Johnson Foundation of New Jersey. The fund provides scholarship and loan awards to the School's students from minority populations, those with rural backgrounds, and women students.

It is a part of the Foundation's nationwide student aid program to increase the number of future doctors entering practice in underserved areas. The program is focused on minority, rural area and women medical students because studies have shown they are the most likely to choose practice locations in the country's underserved rural and inner city communities upon completion of their professional studies.

Dick Speight, UOMS registrar, reports that 40 students have received student loans and five have been awarded Robert Wood Johnson Foundation scholarships under the program.



NEWSMAKERS

For her work and contribution to the nursing profession, Dorothy Prinzing, nurse consultant at the University of Oregon Medical School's Crippled Children's Division for over 20 years, has been named Nurse of the Year by the Oregon Public Health Nurses' Association. This annual award is presented to a person who has contributed to nursing, public health or to program development.



Mike Boileau, fourth-year medical student, was chosen one of 37 senior medical students in the U.S. to receive an overseas scholarship grant from the Medical Assistance Programs—Reader's Digest International Fellowship. He will begin a 10-week rotation in December at the Kaimosi Friends Hospital, a 100-bed mission hospital in Kenya, Africa.

Dr. Larry Rich, ophthalmology resident, received the Helmholtz Award for Best Resident Research paper at a meeting of the Western Section of the Association for Research in Vision and Ophthalmology, held in Vancouver, B.C.

Former UOMS resident Dr. Frederick E. Jackson, chief, department of neurological surgery, Naval Hospital, Camp Pendleton, California, has received the Admiral Joel T. Boone Award. Dr. Jackson is the first neurosurgeon to receive the honor which is given annually by the Association of Military Surgeons to the physician who has contributed the most to military medicine.

Dr. Daniel V. Voiss, clinical instructor in psychiatry, has been appointed medical director of Cedar Hills Hospital in Portland. He was also selected as the new hospital's first chief of staff.

At the annual meeting of the American Thyroid Association Dr. Monte Greer, head of the division of endocrinology, was elected to the office of first vice president.

Serials Librarian, Florence E. Johnson, has been awarded the Medical Library Association's Certificate of Medical Librarianship, Grade 1.

Named as fellows of the American College of Surgeons at a cap and gown ceremony in San Francisco on October 6 were Drs. Richard P. Andrews, UOMS assistant clinical professor of surgery, Edwin C. Everts, assistant professor of otolaryngology and Robert A. McFarlane, clinical instructor in surgery. Fellowship is awarded to those surgeons who fulfill comprehensive requirements of acceptable medical education and advanced training as specialists in one of the branches of surgery. The American College of Surgeons is a voluntary scientific and educational association of surgeons, numbering 33,000 in approximately 100 countries.

Campus bulletin board

Deadline for the 15th annual SAMA-EATON Medical Art Awards competition is January 15, 1973.

Prizes will be awarded to the top entries in medical photography, photomicrography, electron photomicrography, photo essay (non-scientific) and medical illustration.

Entries will be accepted in two divisions: open—anyone in the health care field (students, physicians, dentists, nurses, technicians) and professional (professional photographer/illustrator affiliated full-time or free lance with a health care institution).

For official rules and an entry blank, write to SAMA-EATON/ Student American Medical Association/ 1400 Hicks Road/ Rolling Meadows, Illinois 60008.

The American College of Physicians is calling for abstracts of original scholarly contributions. Clinical research and basic science papers in general subject

areas or areas of special interest may be submitted. Abstracts must be submitted on the official form found in August, September and October issues of *The Annals of Internal Medicine* and *The Bulletin* or from Edward C. Rosenow, Jr., M.D./ Executive Vice President/ American College of Physicians/ 4200 Pine Street/ Philadelphia, Pennsylvania 19104. Deadline for receipt of abstracts is December 1, 1972.

The Medical Assistance Program for medical students interested in serving overseas in their elective period is now taking applications (with a January 15 deadline) from students who have finished their third year of school. A variety of destinations are acceptable; the only requirement is that the clinical clerkship be served in a hospital approved by the MAP. Up to three-fourths of the students' airfare and living expenses will be paid.

Applications are available in the public affairs office and from Medical Assistance Program/ *Readers' Digest* International Fellowships/ Box 50/ Wheaton, Illinois 60187.



Everyone got into the act at the Tuberculosis Hospital Halloween costume party. Arranged by the student nurses, juniors on a three-week rotation at the Hospital, the festivities included pumpkin carving, as demonstrated by hospital patients Brenda Bearden and Ralph Ridgley, above left, and songs by the students, below.



Refreshments were served and a prize was awarded for the best pumpkin—all of which was organized and purchased by the students.

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