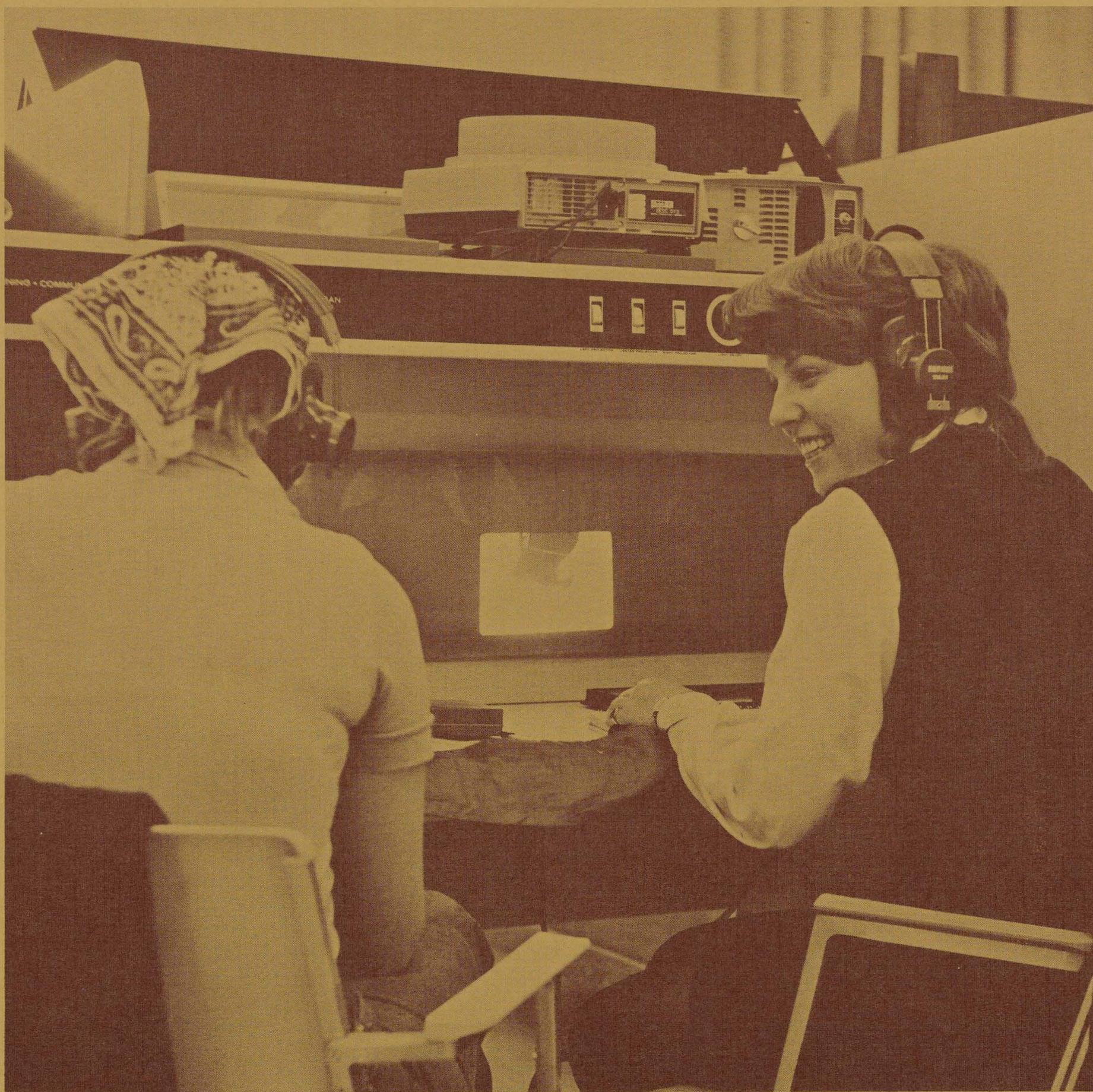


Health News

University of Nevada, Reno
Health Sciences Program
School of Medical Sciences
Orvis School of Nursing
Division of Health Sciences

Vol. 3, No. 1 March 1972



SELF-LEARNING EQUIPMENT — University of Nevada, Reno nursing students Sally McKee, left, and Marie Stucky, right, use electronic carrels at the Self-Learning Center to aid their

studies. The center, a segment of the instructional media system at UNR, is available to School of Medical Sciences, Orvis School of Nursing, and all other Health Sciences students.

See story page 4.

Veterans Clinic in Las Vegas Opens in July

Plans for an out-patient clinic of the Reno Veterans Administration Hospital in Las Vegas are progressing, Rep. Walter S. Baring, D-Nev., announced in Washington D.C. recently.

The clinic is scheduled to open July 1. It will provide diagnosis, treatment of patients who do not require hospitalization, and follow-up therapy after hospital treatment elsewhere.

Approval of the project has been given by the V.A. Central Office in Washington. The exact location, size, number of doctors or nurses to staff it, and the cost will be announced soon, said Baring.

It will be the first V.A. medical facility in Southern Nevada, where there are some 35,000 veterans who presently must go to Los Angeles or Reno for care.

Baring said that approximately 8,000 Clark County veterans require V.A. medical care each year, and that they should be able to obtain it in Las Vegas.

The area's veteran population includes 3,000 who have service-connected injuries and some 4,500 veterans of the Vietnam War.

Planning and development of the clinic by V.A. officials will be coordinated with the Dean's Committee of the School of Medical Sciences, University of Nevada, Reno.

Under the formal affiliation agreement between the hospital and the school, staffing, patient care and research are coordinated with the Dean's Committee.

"This is a golden opportunity for our students to be involved in summer clerkships in Las Vegas, as many have requested, and to help provide improved, more accessible care for veterans. This is an example of our partnership in medical care and education," said Dr. George T. Smith, Dean of the School of Medical Sciences.

Two UNR Pre-med Grads in January

Two University of Nevada, Reno students graduated in the pre-medicine sequence of the School of Medical Sciences in January. They are William Trimmer and Barry Noyes, both of Reno. Trimmer was one of 41 students admitted into the class entering the School of Medical Sciences next fall.

Dean's Report

By **GEORGE T. SMITH, M.D.**
Dean, School of Medical Sciences



Within the past 20 years medical education and health care have evolved from a relatively simple system to a highly complex and fast changing component of society, hospitals and universities.

Indeed, the education of physicians is undergoing constant change. And there is a rapid proliferation of new kinds of health professionals, such as the Physician's Assistant.

Because of the numerous complexities in today's medical educational world, President N. Edd Miller, with the approval of the University of Nevada Board of Regents, has appointed a group of distinguished Nevada citizens to advise, and in effect guide, the development of the School of Medical Sciences.

The Advisory Committee, under the guidance of its Chairman H. Edward Manville, Jr., and Vice Chairman Jordan Crouch, has been working since July, 1971 on some of the most difficult problems facing the development of the School.

Other members are Milton Bacon, Minden; Mrs. Newton H. Crumley, Reno; Benedict Dasher, Reno; Dr. Theodore Jacobs, Las Vegas; Maxwell Kelch, Las Vegas; Alex Sample, Las Vegas; Edwin Semenza, Reno; C. Lee Wade, Reno, and Wallie Warren, Reno.

This group meets regularly, either at the School, or in Las Vegas the site of our last meeting.

The responsibilities include advising me, the President, and university administration on Medical School policy matters, which include:

(1) **Development of programs (teaching, research and service).** This area includes priorities for the realistic development of our five divisions (Biomedical Sciences, Clinical Sciences, Behavioral Sciences, Educational Support and Communications, and Research).

There are difficult problems to be answered: How, when, and where will we develop more research programs? How soon should we develop, and how do we achieve the financing for a color TV communications system with the local hospitals? Is the concept of a "Medical School Without Walls" applicable to Nevada and, if so, how do we achieve it?

(2) **Consideration of the program as it relates to the State of Nevada.** For instance, the Advisory Committee has spent the better part of two meetings deliberating whether the School should open its doors to out-of-state students; if so, how many, from what states, and adequate justification for such a policy.

(3) **Time and phasing policy decisions.** The Advisory Committee also deliberates such matters as what will be needed three years from now to produce a quality program of which all Nevadans will be proud. Another responsibility, a real "safeguard," is to decide whether the planning is practical for the State and the university.

Each of Advisory Committee members is involved in numerous community and statewide activities. Each member has devoted many hours to help advise about the continued development of what we consider one of the most fascinating and significant projects undertaken by the State of Nevada.

We are very proud of our appointed, non-paid Advisory Committee members, and sincerely appreciate their devotion to this endeavor.

Physician's Assistant Plan Approved

Through no choice of his own, Ron Schoeder of Reno became a member of the U.S. Army in 1969, when he was 19.

He was drafted between his freshman and sophomore years at the University of Nevada, Reno (UNR).

Through no choice of his own, Ron Schoeder became a top-notch medical corpsman for the 104th Infantry unit.

"The army rejected my first choice—X-ray technician—and the next thing I knew, I was a field medic in Vietnam," he said.

After a year in Vietnam, young Ron returned to UNR with a desire to become a medical doctor. Today, having earned a pre-medicine degree, Ron is a construction worker.

He faced two seemingly insurmountable obstacles in his goal to become involved in health care: Being accepted to a medical school with a 2.8 grade-point average; and even if he were accepted, maintaining an adequate income during the four years of medical school to support his wife and child.

The School of Medical Sciences at UNR feels one answer for medically ambitious students like Ron Schoeder might be with a "Physician's Assistant" (P.A.) program. (His name is not really Ron Schoeder, but his story is real and there are others like him at the university.)

The University of Nevada Board of Regents approved the first

phase of a P.A. bachelor degree program at its February meeting in Reno. The program, which will be initiated through the School of Medical Sciences, will begin in the fall of 1972, provided adequate funding can be found.

A P.A. program utilizes untapped physician talent such as the former military hospital corpsmen, nurses and medical laboratory technicians, by giving them additional training to work directly under a physician.

Many see the program resulting in more than career opportunities for many talented persons who would not otherwise be able to enter the competitive health delivery field.

(Please turn to next page.)



ADVISORY COMMITTEE — Members of the School of Medical Sciences Advisory Committee are, left to right: Edwin Semenza, Reno; Wallie Warren, Reno; Maxwell Kelch, Las Vegas; Milton Bacon, Minden; Dr. Theodore Jacobs, Las Vegas; Dr. George T. Smith, Dean of the School of Medical

Sciences; C. Lee Wade, Reno; H. Edward Manville, Jr., Chairman, Reno. Advisory Committee members not pictured are Jordan Crouch, Vice Chairman, Reno; Benedict Dasher, Reno; Mrs. Newton Crumley, Reno, and Alex Sample, Las Vegas.

P.A. Program

(Continued from Page 3.)

Gov. Mike O'Callaghan, for example, during the 1970 gubernatorial campaign, said the P.A. program might be a partial answer to medical care in rural Nevada.

Dr. L. Matthew N. Bach, director of the Biomedical Sciences Division at the new two-year Reno medical school, regards the P.A. as a "phenomenon of the times."

"Physicians could limit their attention to difficult diagnostic problems, to managing patients who do not respond well to therapy and to developing new approaches to poorly understood areas of medicine," Dr. Bach said.

The duties, responsibilities, authority and licensing of a P.A. are still developing, said Dr. Bach, and it may take federal legislation to define these vague areas.

Presently there are approximately 200 P.A. programs in the United States, governed through the individual states. The programs range from four months to four years in length and train all types of P.A.s, from the anesthesiologist technician to an obstetrics "associate."

Dr. Bach described three widely accepted classifications of P.A. personnel:

1—One type of P.A. has general medical knowledge and can exercise a degree of independent judgment and treatment. This P.A. is capable of approaching a patient and collecting historical and physical data.

2—Another category of P.A.s is less qualified for independent action, but possess a technical skill in a clinical specialty.

3—The third type of P.A. has a high-level orderly function, being less trained and qualified than the other types.

A recent survey by an ad hoc committee of the Nevada State Medical Association shows that a majority of Nevada doctors, nurses and hospital administrators responding to a questionnaire favor the training and employment of a P.A. at all levels.

Ostomy Study at WMC

Washoe Medical Center was the location of a recent American Cancer Society rehabilitation program for prospective or present ostomy patients — patients with surgical openings for the elimination of body wastes.

Begins Operations

Media System Expanding

The survey also indicated the health professionals in Nevada generally prefer the second type of P.A.—the specialist—over the other two P.A. personnel.

As is the case nationally, Nevada nurses are concerned about the concept of the P.A., particularly the nurses' relationship to him (or her) and the employer.

About 24 per cent of the Nevada nurses said the P.A. would be a competitor to them, while more than half failed to answer the question.

About 75 per cent of the doctors in Nevada answering the poll said they do not presently employ any personnel who carry out the procedures defined for a P.A.

Some Nevada physicians indicated they would be hesitant to hire a P.A. because the doctor is responsible for all the P.A. does, or does not do, to aid a patient. But Dr. Bach said there have been no malpractice lawsuits against a P.A. in the five years such personnel have been functioning.

Dr. Bach noted liability insurance is now available to M.D.s and P.A.s, or to the P.A. separately.

Dr. Bach pointed out another question about the P.A. program as it applies to the Nevada rural situation: How can a P.A. be placed in the rural counties of Nevada, presently without an M.D., and still perform his duties without direct supervision?

Dr. Bach said the answer is the use of some type of economically feasible two-way audio-visual links between the P.A. and the doctor in the larger city. He said helicopters could provide transportation for critically ill patients from the rural area to the city.

The Nevada State Board of Medical Examiners is presently authorized by state law to license, register or certify any needed health personnel in Nevada, Dr. Bach added.

"It is impossible to predict the impact of this new profession upon the training and practice of traditional health professionals, but we may anticipate a gradual decrease in number and a greater selectivity in quality of students training for M.D. degrees," noted Dr. Bach.

"This may be accompanied by a gradual conversion of training programs for nurses into systems for producing health professionals with higher levels of responsibility, recognition and compensation."

A vast communications system, designed to eventually relay health sciences education in Nevada, California and Oregon, is in the developing stages at the University of Nevada, Reno.

The sophisticated instructional media system will link campuses, hospitals and other health facilities through a two-way television microwave interconnection, making possible an exchange of educational material to students, faculty, nurses, doctors and all health personnel.

Under the guidance of the Division of Educational Support and Communications (DESC), at the University of Nevada, Reno (UNR), the first step of the planned intertie—a closed circuit television coupling between the campus and Washoe Medical Center (WMC)—was recently made operational.

Through the system, instructional data can be fed into classrooms, laboratories, seminar rooms and other learning areas via television.

Presently only black-and-white television is available for the connection between WMC and UNR, but full color equipment is to be installed later this semester. The color system was approved by the Board of Regents in November, 1971.

Dr. Dan L. Oppleman, director of the DESC, said the federally and privately financed media project is "vital to the health field."

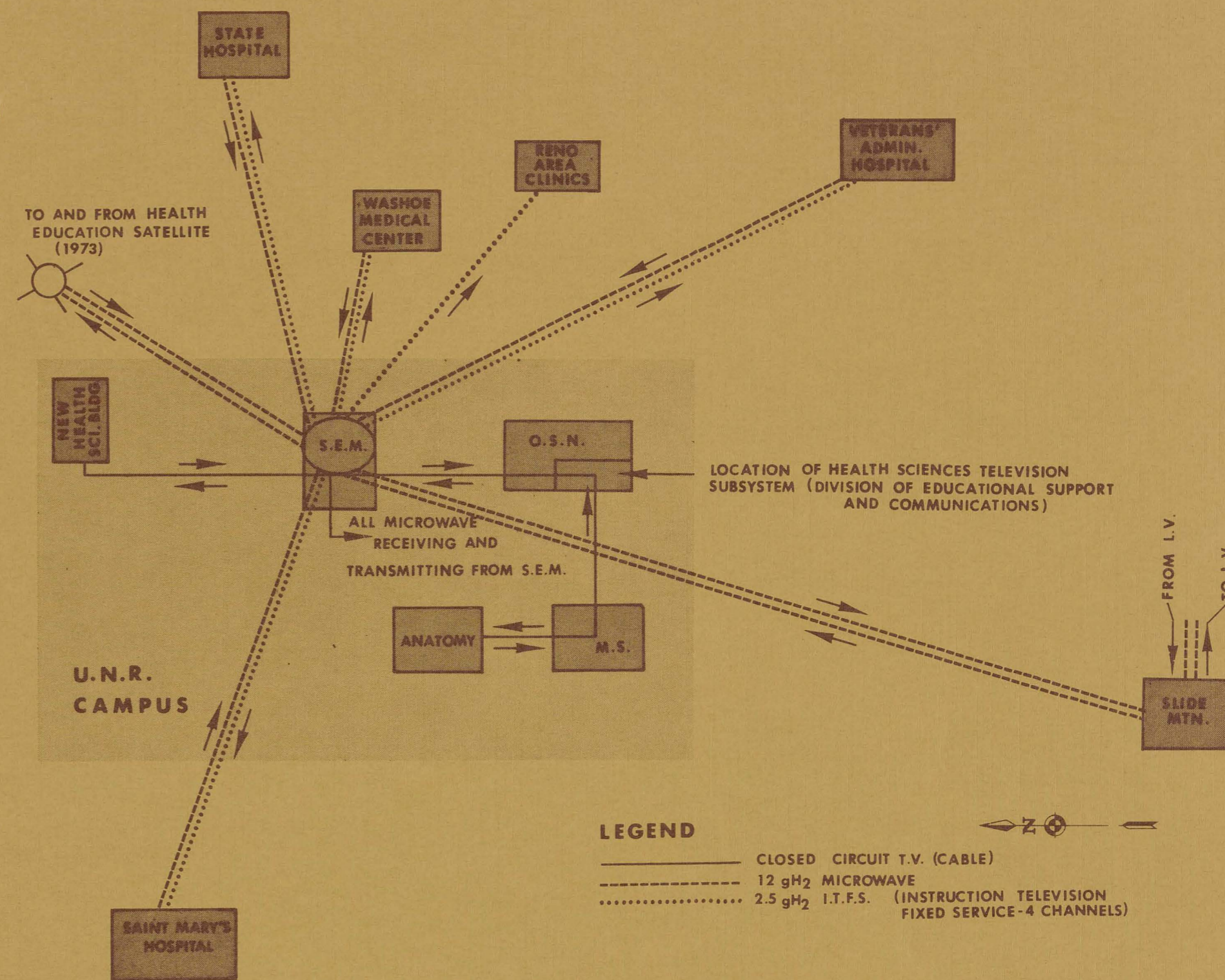
"There is a wide variety of instructional opportunity available in this system," said Dr. Oppleman. "Photographs, audio tapes, slides, video tapes, computer data and live presentations can be transmitted over television."

Oppleman said the interconnect between the school and WMC permits transmission and reception of sound and picture in either direction, allowing "face-to-face" dialogue.

Immediate plans call for the intertie to be expanded to health related buildings at UNR, including the Mackay Science Building where the School of Medical Sciences has its main offices, the Mechanical Arts (Anatomy) Building and the Self-Learning Center in the new Fred M. Anderson Health Sciences Building north of the campus.

The system is also proposed for enlargement in the Reno area to St. Mary's Hospital, the Nevada State Hospital and

(Please turn to next page.)



(Continued from Page 4.)

the Veterans' Hospital, according to Dr. Oppleman. Later, said Oppleman, Las Vegas and other Nevada area health centers may be connected to the system.

Dan Tone, communications coordinator for the DESC, said, in 1973 the project could include connection with Oregon and California through a National Aviation and Space Administration satellite. The satellite will be available for health education purposes.

The headquarters for the television intertie in Northern Nevada is in the Orvis School of Nursing (OSN) Building at the Reno campus. The microwave receiver and transmitter are located at the Scrugham Engineering Building, which is connected to OSN by cable.

The Health Sciences television subsystem is interconnected to the UNR radio and communications center.

Most of the black-and-white equipment installed for the UNR-WMC hookup was used in an Inter-campus (UNR-University of Nevada, Las Vegas) Nursing

project which terminated in June, 1971. The loaned equipment was to be returned to the Federal Government, but the Health Sciences Program gave evidence the equipment could be the nucleus for a new, far-reaching media project.

Tone said the system, when completed, will be the "first instructional educational facility in Nevada to have color TV cameras."

"The color used in this system is not just a fancy gimmick," said Dr. Oppleman. "Color is absolutely necessary for much of the learning in health education."

"In the modern educational concept of visual learning, color is crucial," Tone said. "Students today grow up with color, and they find learning with color much more rewarding and less distracting."

Tone said the planned system will not be used exclusively for learning experiences. "The system will be utilized for conferences, doctor-patient consultations and

other practical applications in the health field," he observed.

Dr. Oppleman noted the system is designed for use in the health sciences field, but other interests, such as the education department at a college, may see benefits in using the system, and will be free to do so.

Dr. Thomas J. Scully, Clinical Director at the School of Medical Sciences, and Medical Education Director at WMC, said the system contributes to continuing medical education.

"It aids both the staff physicians and the faculty and students," said Dr. Scully. "All involved will benefit from the dialogue and visual communication."

Dr. Richard H. Licata, director of medical curriculum and research for the medical school, said the intertie is valuable for the following purposes:

—Preparation of medical and health sciences students by bringing the

(Please turn to next page.)

Media System

(Continued from Page 5.)

clinical setting into the lecture hall. —Continuing education for practitioners by bringing the lecturer and the classroom to the professional where he works.

When the television monitors are installed at the new Health Sciences Building, the Self-Learning Center will have a complete line of self-teaching tools available for the student.

Presently the Self-Learning Center is located in the Electrical Engineering Building, but the electronic carrels are expected to be moved to the new site near Mackay Stadium soon.

Annette Ezell, curriculum specialist, and Gail Shierman, in charge of the self-learning activities for DESC, said the center emphasizes self instruction at the students' own rate.

The study carrels offer audio and visual film and slides, and a wide range of tapes and cassettes. The student can receive instruction on many topics, ranging from how to make a bed in a hospital to an explanation of complex membrane permeability.

The machines allow the student to go through an explanation as many times as he wishes; even "instant replay" is featured in some carrels.

Dr. George T. Smith, Dean of the Medical School, said the system is one more example of the concept of a "school without walls." Instead of learning only in the classroom, a university hospital or a laboratory, the Reno medical students gain valuable experience and training through the community health centers.

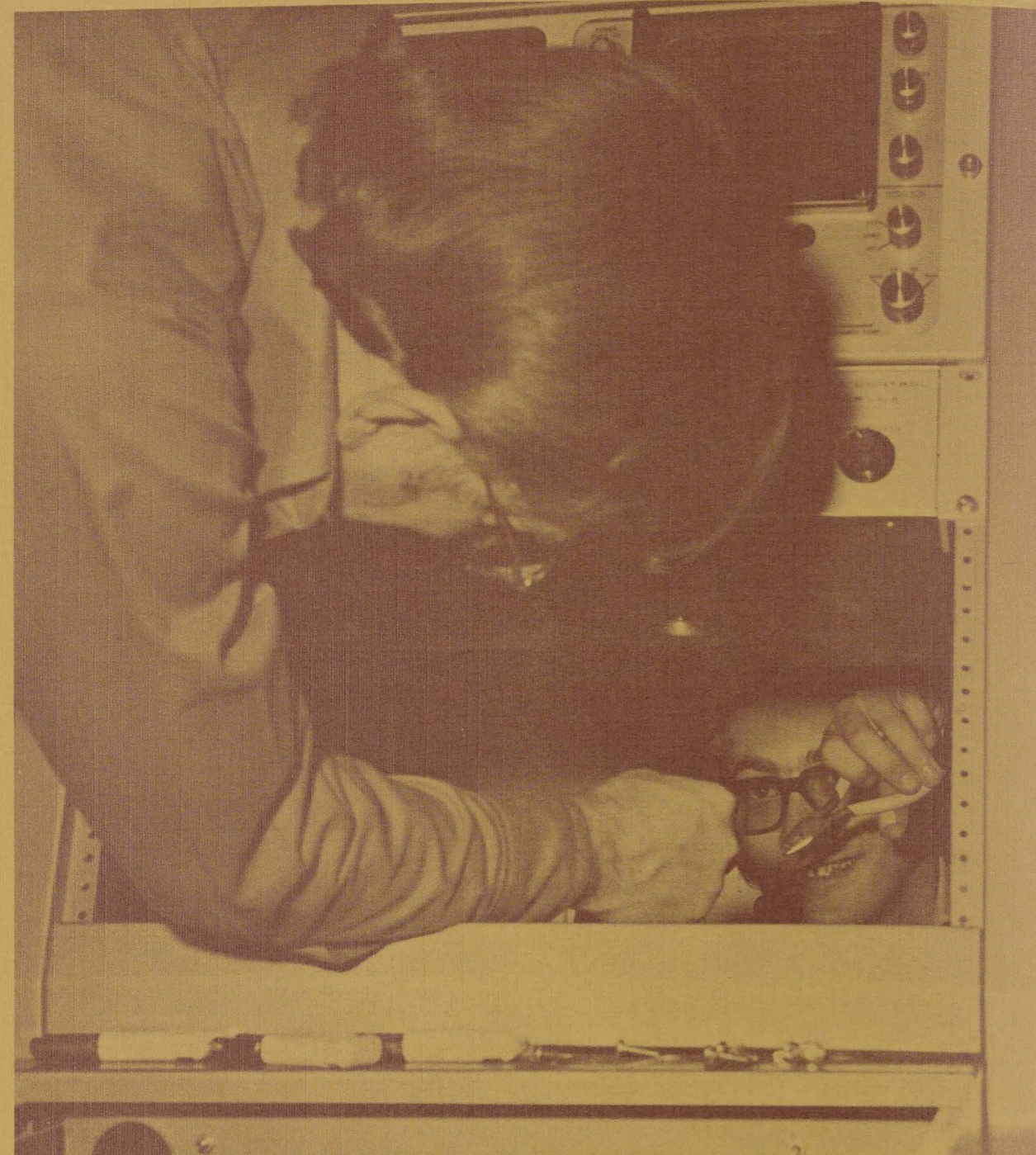
Students will now be able to watch delicate surgery or a physical examination as they occur, often with an explanation by the attending physician, Dean Smith said.

The media project was funded by grants from the Hancock Foundation (\$3,500), the Kellogg Foundation (\$40,276) and the National Institutes of Health (\$96,272 and \$21,500).

Contract for Microfilm

Microfilming of about 1,500,000 pages of medical records covering a five year (1963-67) period at Washoe Medical Center has been contracted to Micrographics Inc., of Las Vegas.

The microfilming is necessary to clear storage space for the relocation of the Medical Records Department into new quarters at the hospital expansion project.



PUTTING IT ALL TOGETHER — F. William Rett, technical director of the Division of Educational Support and Communications, and media technician Tony Messina, work on the television microwave interconnection in the basement of the Orvis School of Nursing. The interconnect between the nursing building and Washoe Medical Center, recently made operational, is the first step in a planned instructional media system for three West Coast states.

New Library System Discussed

Maurice Osborne, University of Nevada, Reno Life and Health sciences Librarian, attended a meeting at the University of California, Los Angeles, Biomedical Library, recently. She heard details of a new program, MEDLINE, which will be initiated this year.

Dr. Joseph Leiter, Associate Director of the National Library of Medicine (NLM), described the system which will succeed the AIM-TWX connection to a data bank in Santa Monica.

The new data bank will originate at NLM, with modules in numerous cities, to be reached by telephone linked to teletypewriters in the participating health sciences libraries which request instant bibliographies on medical topics.

The medical journal citations to be

computer-searched at each module will be from the entire NLM journal collection covered by "Index Medicus" in the past four years, as compared to the AIM-TWX bank of citations from 122 titles only.

A trained librarian in the participating library will order the computer to produce the bibliography direct, rather than preparing a detailed request to be mailed to the regional library center as presently done.

Averaging 15 minutes of telephone time, each on-line bibliography will supplant the lengthy search previously made in the library or the MEDLARS request to NLM, which requires four weeks to fill.

Two Med School Faculty Sought by Committees

Committees have been appointed by Dr. George T. Smith, Dean of the School of Medical Sciences, to locate and recommend a new head pathologist and a new director of student affairs for the School.

Dr. James A. Wilkerson III, head pathologist for the School, resigned effective July 1, 1972. Dr. Dean C. Fletcher, director of student affairs, is leaving April 15, 1972 for a position at the University of Kentucky.

Dr. Wilkerson came from Salt Lake City, Utah, to the new two-year medical school in Reno in the fall of 1970.

Under an affiliation agreement between the medical school and the Physicians' Consulting Laboratories of Reno, the services and salary of Dr. Wilkerson are shared by the School and the Laboratories, Dean Smith said.

Dr. Fletcher, formerly the chairman of the Biochemistry Department at the University of Nevada, Reno (UNR), was appointed director of student affairs for the medical school and coordinator of the Allied Health Sciences Program in 1970.

Dr. Fletcher will be the director of health learning resources at the University of Kentucky.

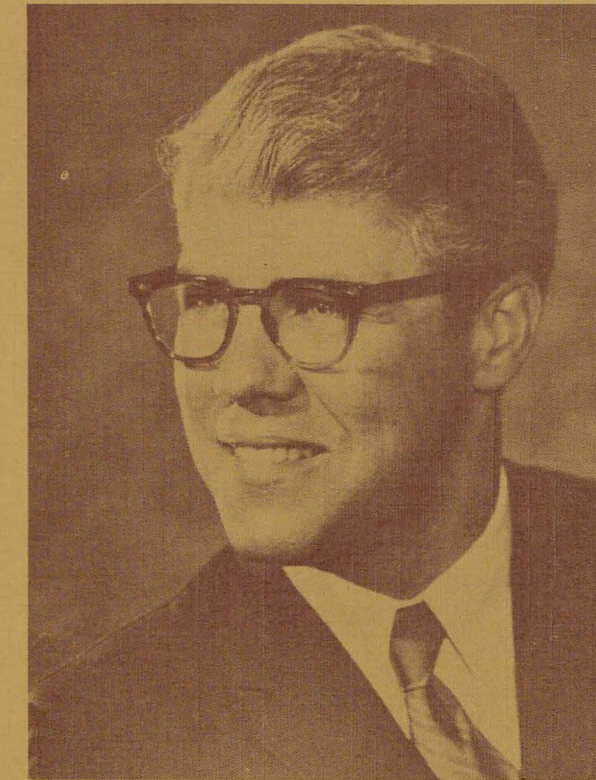
The following persons are members of the search committee for a new head pathologist:

Dr. Thomas E. Hall, pathologist, a joint appointee of the Physicians' Consulting Laboratories and the School of Medical Sciences, chairman; Dr. Thomas R. Kozel, assistant professor of microbiology, school faculty; Dr. Roger A. Lewis, assistant professor of microbiology, school faculty, and George Manning, UNR medical student.

The following will serve on the search committee for a new permanent director of student affairs:

Dr. John C. Altrocchi, professor of psychology, school faculty; Dr. Thomas Scully, director of the clinical division, school faculty; a medical student and pre-medicine student; a representative of the UNR Arts and Sciences Department staff; a representative of the Reno community physicians, and a representative of the Nevada State Medical Association.

An acting director for student affairs will be named soon, said Dean Smith. Dr. Bach, director of the Biomedical Sciences Division at the medical school, is an ex-officio member of the two search committees.



THOMAS J. SCULLY, M.D.

Director, Division of Clinical Sciences, and Director, Medical Education at Washoe Medical Center

B.A., 1954, Colgate University; M.D., 1958 Albany Medical College of Union University; internship, 1959, William Beaumont Army Hospital, El Paso, Texas; residency, 1961, Hospital of University of Pennsylvania.

At time of appointment: Active Staff, Department of Pediatrics at Washoe Medical Center; Medical Education Coordinator for the Intermountain Regional Medical Program; Director, Medical Education at Washoe Medical Center.

Formerly: Pediatrician, Torrejon AFB, Madrid, Spain; Chief Pediatric, O.P.D., Wilford Hall USAF Hospital, San Antonio, Tex.; Attending Pediatrician, Southern Nevada Memorial Hospital, Sunrise Hospital and Women's Hospital in Las Vegas, Nev.; Chief of Pediatrics, Southern Nevada Memorial Hospital; Consultant Pediatrician, Nevada State Crippled Children's Program and Clark County School District; Assistant Health Officer and Deputy Coroner, Clark County District Health Department; Program Director and Senior Attending Physician, Department of Pediatrics, St. Michael Medical Center, Newark, N.J.; Assistant Clinical Professor of Pediatrics, New Jersey College of Medicine and Dentistry; Consultant Pediatrician, Board of Education, Summit, N.J.; Staff Member, Queen of Angels Family Health Service, Newark, N.J.

Member: Washoe County Medical Society, Nevada State Medical Association, American Medical Association, American Academy of Pediatrics (Fellow), Community Consulting Team of the Mountain State Regional Medical Program.

Meet the Faculty

Faculty members of the School of Medical Sciences who have not been introduced in previous issues of Health News will be presented here in this and future issues.

All faculty, whether full time or part-time with the School of Medical Sciences, have assignments that link them to other schools and colleges of the university. This provides an inter-disciplinary blend for development of professional health care teams.



NONA EMERY, Ph.D.

Assistant Professor of Biomedical Sciences

B.A., 1961, Wellesley College; Ph.D., 1967, renal physiology, Upstate Medical Center, State University of New York, Syracuse, N.Y.

At time of appointment: Assistant Physiologist in Research, Department of Human Physiology, University of California, Davis; author or co-author of four research publications.

Formerly: Research Assistant, Department of Experimental Psychology, Yale University; Research associate, faculty of Medical Sciences, Bangkok Thailand.

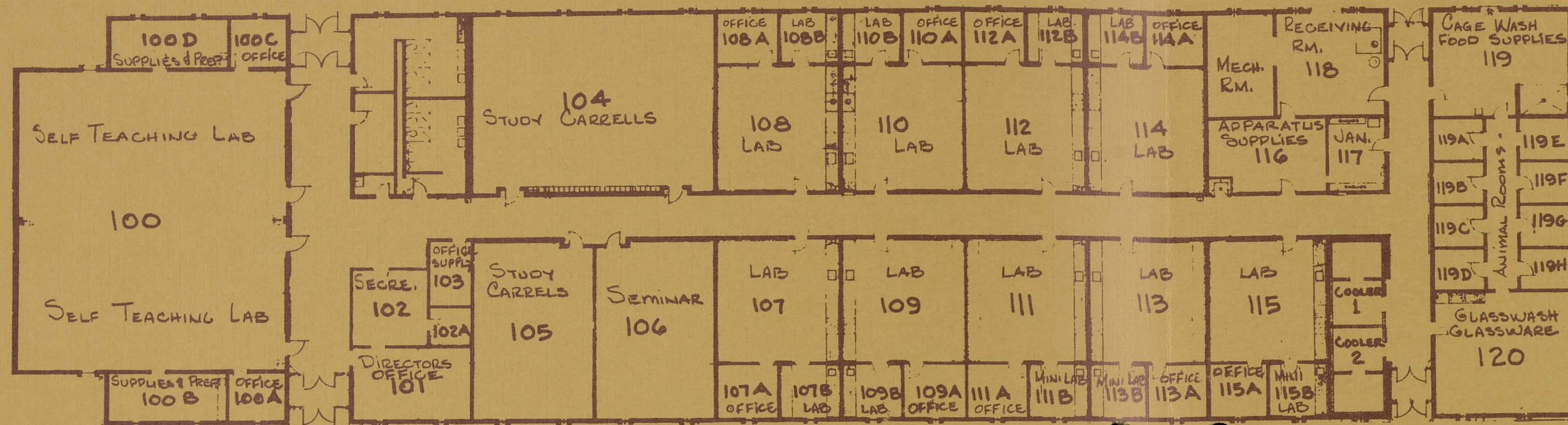
Speedy EKG Service

Heart tracing charts — electrocardiograms — can now be sent from distant hospitals to Washoe Medical Center (WMC) within six minutes.

Key to the speedy action is a device at WMC called a "telecopier." It works from a telephone and is the focal point of an area-wide system linking hospitals in Northern Nevada and nearby California.

Named For Dr. Anderson

New Health Sciences Building Finished; Dedication Set



Formal dedication ceremonies for the new Health Sciences Building at the University of Nevada, Reno (UNR) are scheduled for April 8 at 1:30 p.m.

Final inspection of the \$946,000 facility was continuing in February and March, according to Clay Carpenter, engineering chief of the Physical Plant at UNR.

Carpenter said the new interior furnishings were to be moved in during March and April, and outside landscaping should be completed by this summer.

The one-story structure is north of Mackay Stadium near the Nevada Historical Society Building.

The building will be named for Dr. Fred M. Anderson, longtime Reno surgeon, at the dedication ceremony. Dr. William O'Brien of Reno will be the featured speaker, and the Grand Lodge of Free and Accepted Masons will conduct the cornerstone laying.

"I think designation of the new facility as the Fred M. Anderson Health Sciences Building is an appropriate method of recognizing Dr. Anderson's tireless dedication to the establishment of the School of Medical Sciences," said UNR President N. Edd Miller.

Dr. Anderson, a Regent since 1956, has for many years been in the forefront of a movement to start a Nevada medical school.

Construction was financed with a \$586,000 grant from the National Institutes of Health and a \$60,000 grant from the Kellogg Foundation, both to the School of Medical Sciences, and \$300,000 of non-appropriated funds.

The building will be shared by the School of Medical Sciences and the College of Agriculture as a teaching and research center. The two schools have close relationships in the Health Sciences Program.

"The veterinary science students and medical students will now have an opportunity to utilize a team, or co-leader, approach on common programs and projects in the health field," said Dr. Dale W. Bohmont, Dean and Director of the College of Agriculture.

Bohmont said many diseases in animals are closely related to di-

seases in humans. "We see this as an unique experiment in the United States because medical and veterinarian students do not usually work in such close proximity," he said.

Dr. Dean C. Fletcher, director of student affairs at the medical school, said classes may be conducted at the facility this summer. No classes will be held there this semester, Fletcher said.

The pre-cast concrete structure was completed by Johnson and Mape Construction Co. of Palo Alto, Calif., in nine months. The architect was Edward S. Parsons of Reno.

Initially the structure was designed with provision for addition of three stories. But a revised plan used by the contractor allows for expansion at the ground level and not through additional stories.

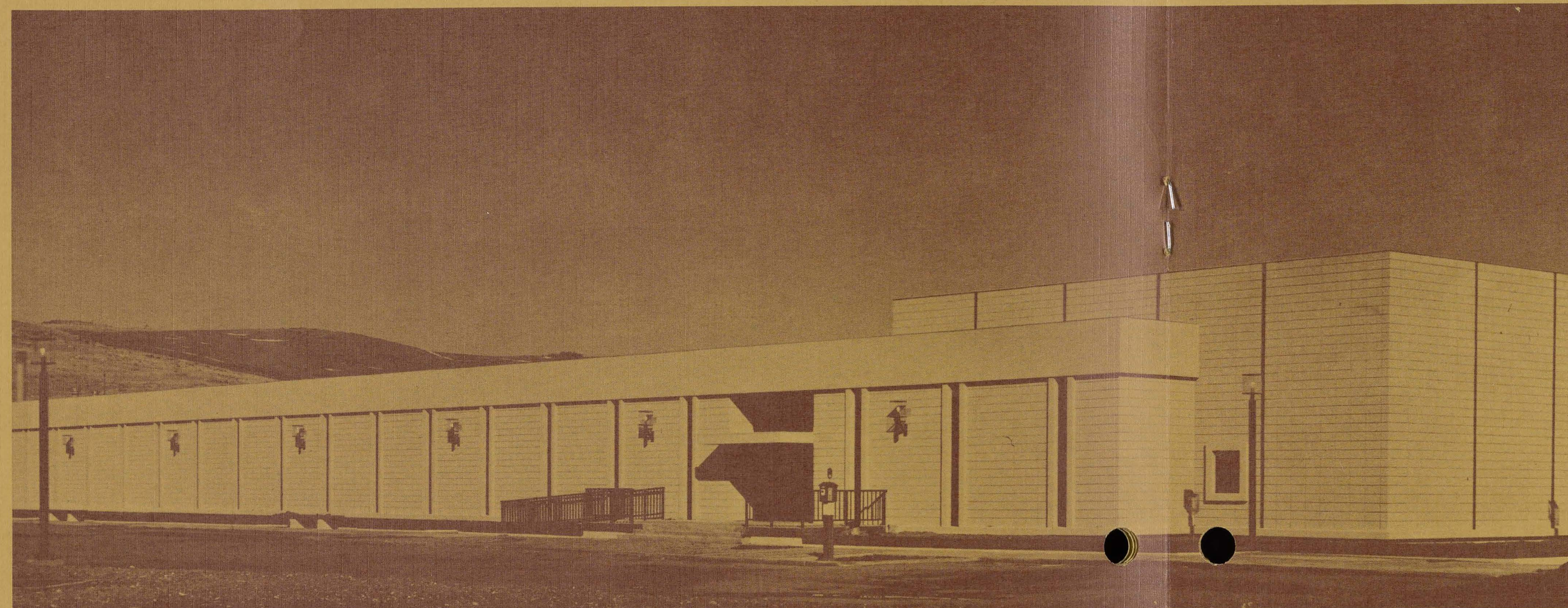
The facility features the most up-to-date educational equipment and facilities. The 24,120 square feet of floor space includes a modern self-learning center, nine large laboratories, nine "mini-labs," nine offices for staff, two study areas, a seminar room, eight animal rooms, two freezers, two coolers, an emergency shower and a steam cleaning room.

Individualized instruction will be emphasized in the self-learning center. The lab will have several electronic carrels with health science related tapes, film, slides and other presentations available for the student to study at his own pace. (See related media system story this issue).

The building is designed so that other sections may be locked after normal working hours and the self-learning lab may be open to students 24-hours a day.

The Health Sciences Program at UNR, particularly the School of Medical Sciences, directs the majority of its funds to the development of curriculum and teaching faculty. The students of the program, rather than being instructed in an expensive university hospital, utilize the Reno area medical equipment and facilities for training and experience.

The main offices of the School of Medical Sciences and the College of Agriculture will remain at their present sites on the UNR campus.



Med Students Begin Patient Contact

The first year class of the School of Medical Sciences began formal patient contact recently in a physical diagnosis course.

The course is designed to give the 32 students practical experience in taking medical histories and doing physical examinations with a broad range of patients.

Participating in the course as instructors are some 50 physicians from Reno, Carson City, Yerington and Incline Village. Studies are conducted weekly at the Washoe Medical Center, St. Mary's Hospital and the Veterans Administration Hospital in Reno, and at the Nevada State Hospital in Sparks.

Dr. John Edmiston, Associate Director of the Clinical Division, School of Medical Sciences, said a physical diagnosis course is usually offered in the second year of medical school.

"We see this as quite innovative and progressive," said Dr. Edmiston. "The students will perform, under doctor's supervision, physical examinations and take medical histories. They will also make ward rounds with the doctors to see patients with unusual physical findings."

Dr. Edmiston said the students will learn how to approach a patient, ask the proper questions and how to conduct themselves.

"This is the first time for most of our students to come in actual contact with the patients," said Dr. Edmiston.

Coordinator for the course is Dr. Donald W. Day, a specialist in internal medicine. "In starting our students in this area of work in the first year, we have joined a general trend among medical schools," he said.

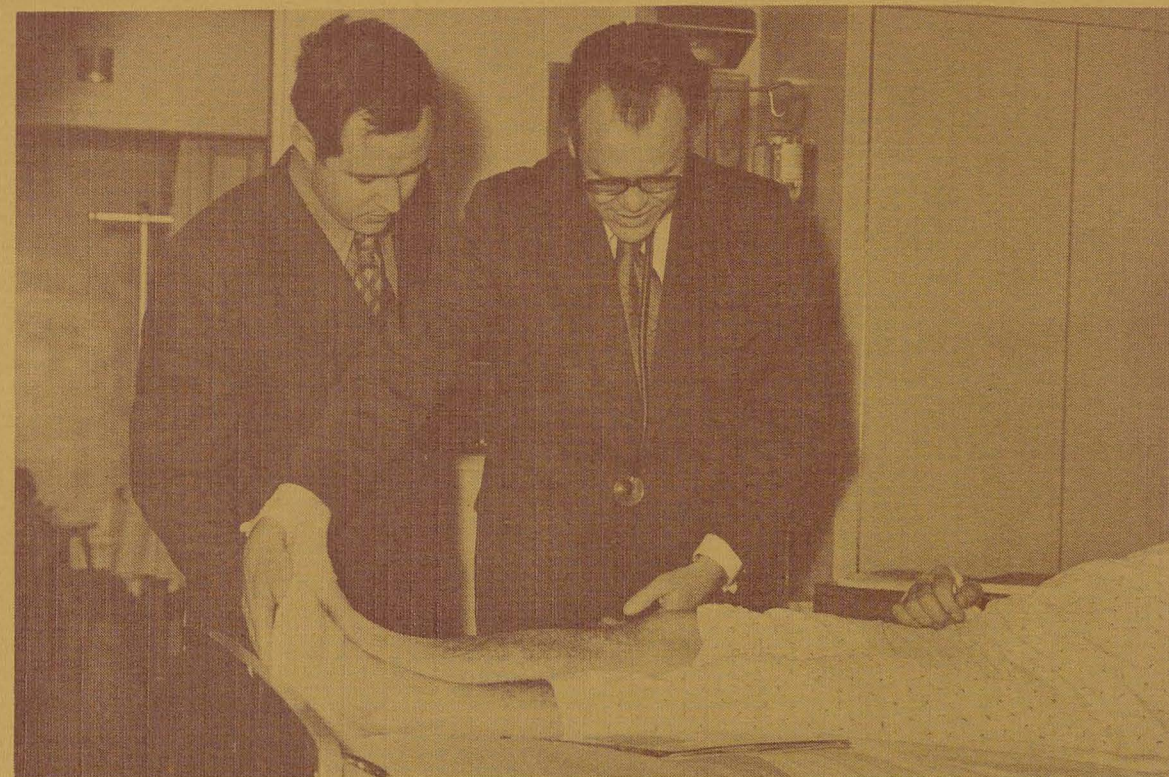
The course will continue throughout the remainder of the two-year medical program.

Working for Governor

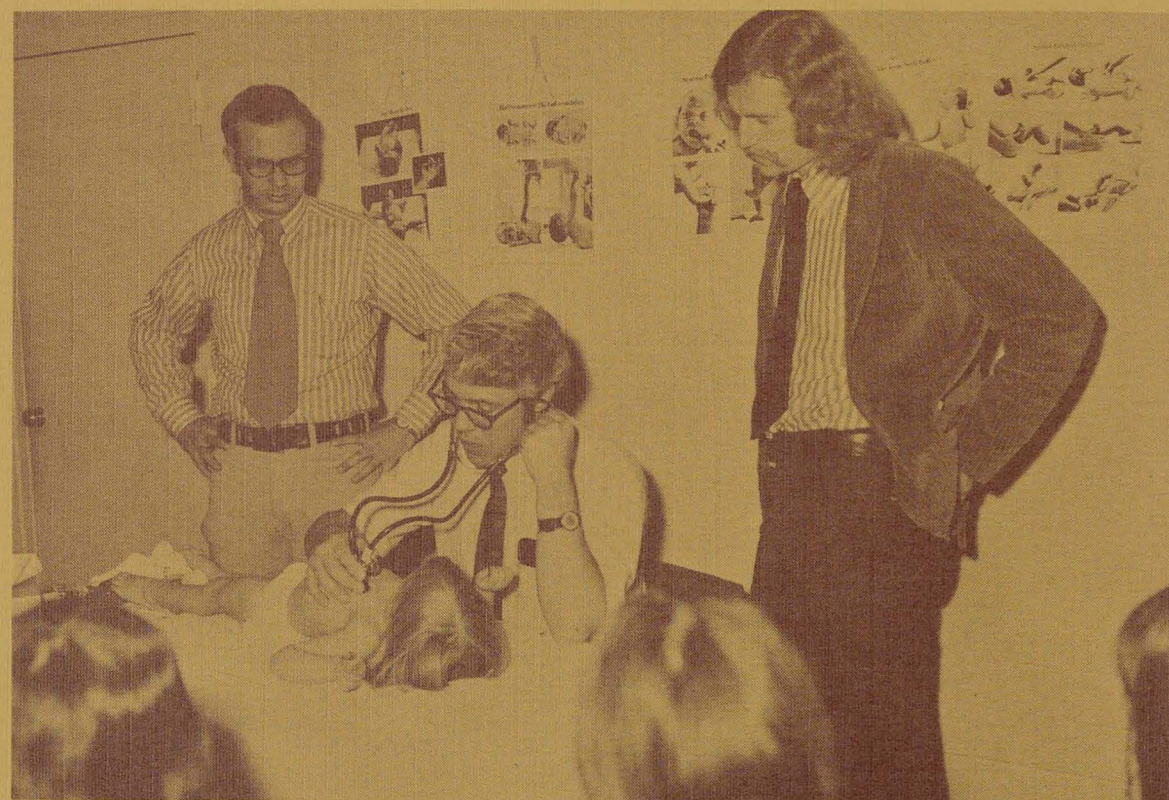
A University of Nevada, Reno biochemistry graduate student has joined the staff of Gov. Mike O'Callaghan on a part-time basis.

Steve MacArthur, 28, who will begin study at the School of Medical Sciences in Reno this fall, is employed under the Emergency Employment Act.

He serves as an aide with "assorted duties" for the Governor. MacArthur, a Carson City resident, is married and has three children.



MAKING THE ROUNDS — Dr. Robert K. Myles, Reno internist, explains symptoms to medical student Patrick Colletti. As part of this semester's physical diagnosis course, Reno medical students will accompany community physicians on ward rounds at various local hospitals.



WATCHING HOW IT'S DONE — Medical students Jay Chamberlain, left, and Bob Bohi, right, watch Dr. Thomas J. Scully perform duties at a Community Health Clinic at 1265 Montello Dr. in Reno. Dr. Scully is Clinical Director of the School of Medical Sciences, and Director of Medical Education at Washoe Medical Center.

New Heart Association Head

The director of field services for the last four years with the Oregon Heart Association has been named executive director of the Nevada Heart Association.

George W. Hagan, who replaces Eliz-

abeth Moxley as executive director, will make his headquarters in Reno. Hagan, a graduate of Oregon State University, served 13 years on the national staff with the American Red Cross before assuming his post in Oregon.

Med Student President

Manning is a Busy Man...

By ARDIS JACOBSEN

Judi Manning has no trouble deciding what to feed her husband, George. He'll eat most anything, including parasites.

Manning, president of the Medical Students' Association at the School of Medical Sciences in Reno, spent four years in Thailand as a captain and medical researcher for the U.S. Army before entering medical school.

His research involved eating worms from the intestines of pigs in an attempt to get a life cycle of the parasites going in the lab.

He did not catch the infection because it is started when the worms are in capsule form, and he was eating the fully developed worms.

Before receiving a bachelor's degree from Utah State University, Manning considered going into medicine. Because of a tight budget, he declined.

Instead, he earned a master's degree from California State College in Los Angeles and began research for a Ph. D. in physiology from Rice University in Houston, Texas.

While in Houston, he joined the Army and became a captain and senior inspector in the area of parasitology research. He spent six months at Walter Reed Army Hospital Institute of Research studying malaria.

Manning said he visited many villages in Thailand where the people had never seen a white man, but he found the natives cooperative and friendly. He and his scouts discovered an entire village near Malaysia where the people were suffering from elephantitis.

He has authored 19 publications and is working on a model system to put filariasis, which produces elephantitis in man, into lab animals to study the infection. He also discovered a new group of parasites transmitted by dragon flies

that infect over a million people in northern Thailand.

"Traveling has broadened my outlook. The experience is an advantage to me in medical school," he said.

As president of the student group, he represents the class at faculty meetings and at other conferences at the school. He gets ideas from the students on how to improve the curriculum and to change things for next year, and relates them to the instructors.

The Mannings' son, Craig, 5, plans to become a doctor, too. He already has a doctor's kit complete with germs and a microscope.

New Diet Clinic Service Begins at Washoe Med

In order to provide better nutrition services to the community and to provide more continuity to recently hospitalized patients, an out-patient diet clinic has been established at Washoe Medical Center (WMC).

This service is available with a referral from a physician, and is provided by the Dietary Department at WMC, according to Winifred Herbert, R.D., of the Nevada Dietetic Association.

A two-year pre-planned work experience program leading to membership in The American Dietetic Association (TADA) was started at WMC in September for Karen Olson, a 1971 graduate of the University of Nevada, Reno.

Acceptance into a one-year internship or a two-year work experience program is required for membership in TADA. Supervised experiences will be provided in administration, normal and therapeutic nutrition, clinical nutrition, management and research.

Officers of the state association are Mrs. Francis Pistone, President; Mrs. Susan Hardy, President-elect, and Mrs. Sandra Holiday, Delegate, all of Las Vegas.

Fletcher Visits Idaho

Dr. Dean C. Fletcher, director of student affairs of the School of Medical Sciences, visited Boise State College in Idaho recently to advise that school on establishment of a health sciences program.

Med Students Continue With TALK

Some School of Medical Science students have decided to continue with volunteer work with Teenage Line for Crisis (TALK) by taking calls in their homes one night a week.

As part of their behavioral science course last semester, all of the students in the first-year class went through the training. They were divided into groups of eight or ten that included people from the community.

The sessions were spent relating to each other and studying interactions with people. The students practiced Crisis calls by playing roles of emotionally-troubled people. The conversations were taped so they could be replayed for criticism.

"The people really got involved and acted out their roles well," said medical student Steve Dodge.

He is one of the students who decided to take a few more sessions after the course ended, to receive actual Crisis calls.

"The training taught me how to relate and understand others," said Dodge. "It will be helpful this semester when we work in hospitals on history records, talking to the patients."

TALK is designed to give the students a chance to learn about themselves and how they relate to others. It also helps them build up confidence in talking to others and keep calm in emergency situations.

Dodge says, "It is hard to say something wrong when these people call. Most are glad to have anyone to talk to. It is a good sign when they call someone."

Regents Pass Degree Plan

Graduates of the new two-year School of Medical Sciences will receive a bachelor of science degree, says Dr. George T. Smith, Dean of the School.

The Board of Regents approved the plan in its February meeting in Reno. Dr. Smith said the students will receive a certificate certifying completion of their course of study at the School.

Graduates of the two-year curriculum are eligible to enter the third year of a school offering a Doctor of Medicine degree.

Orvis School of Nursing Holds Annual Wassail Party

The Orvis School of Nursing (OSN) Wassail Party has become a traditional event for the School and its alumni and many friends.

Attending this year's event were many students, graduates proudly presenting their "kinder," members of the University of Nevada family, faculty, and agency and community friends.

This year's serving table was especially beautiful. It was covered by an exquisite full length banquet lace cloth, recently bought for the School by Mrs. Sylvia Michal McLeod.

The hot Wassail was served from a beautiful silver punch bowl and tray, the gift of Dr. Doris Yingling, the first Dean of the Orvis School of Nursing.

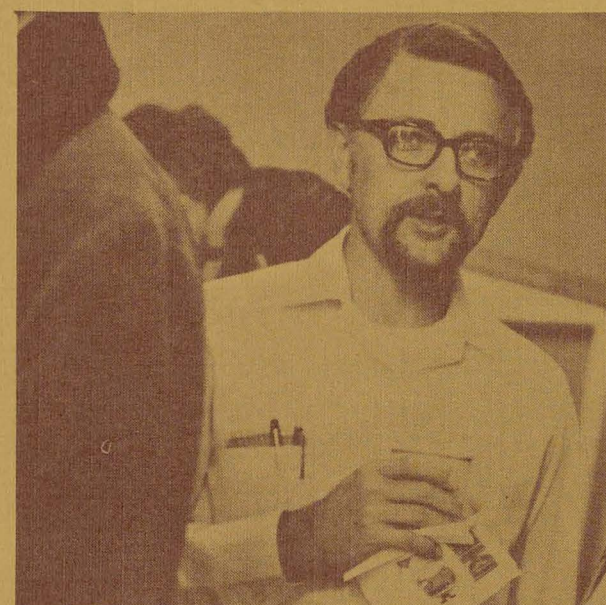
The popular Wassail Party gives OSN the chance to say "Thank You, Bless You, and May the Christmas Spirit abide with you and Inspire you throughout the Coming Year."



DEAN — Dr. Marjorie J. Elmore, Orvis School of Nursing.



HOSTESSES — Madge E. Tillim, left, Chief Wassail Brewer and Editor of the OSN Newsletter; Elaine Elder, Wassail Chairman.



VISITOR — F. William Rett, staff.



FUTURE NURSE? — Little Miss Taylor.



STUDENT — Janet Kimak, senior R.N. student.

For Washoe Med

Dr. Myles Named Chief of Staff

Dr. Robert K. Myles, Reno internist, has been elected Chief of the Washoe Medical Center medical staff. He succeeds Dr. Arthur E. Scott, Reno anesthesiologist.

Named vice-chairman of the medical staff was Dr. William A. Teipner, orthopedic surgeon. Dr. Frederick Boyden, radiologist, was elected secretary.

Elected to the staff's executive committee were Dr. Robert Schultz, cardiovascular and general surgeon; Dr. Gordon Nitz, urologist, and Dr. Arrah Curry, ophthalmologist.

Appointed to the medical staff executive committee by Dr. Myles were: Drs. David Johnson, chief, medical dept.; Robert Proctor, chief OB-GYN dept.; Penelope Pemberton, chief, pediatrics; Carl L. Sauls, chief, surgery; John C. Kelly, chief, general practice; Raymond Mann, chairman, emergency room committee; Arthur E. Scott, immediate past chief of staff.

Chairmen of the various medical staff committees are: Doctors V. A. Salvadorini, bylaws; George Furman, continuing education; Robert Simon, intensive care unit; Donald Beye, inhalation therapy; Arrah Curry, joint conference; John Davis, library.

Drs. Ralph Cappola, medical records; Robert Broadbent, nominating; Clai-bourne Shonnard, pharmacy; John Kelly, hospital privileges and general practice privileges; David Johnson, medical privileges; Robert Proctor, OB-GYN privileges; Penelope Pemberton, pediatrics privileges; Carl Sauls, surgical privileges; Gordon Nitz, sepsis; Charles McCuskey, tissue; Frederick Laubscher, tissue, and John Ervin, utilization.

Firemen Help Fund Burn Room at WMC

Proceeds of the Fireman's Ball at the Sparks Nugget April 14 will purchase equipment for a burn treatment room at Washoe Medical Center, a spokesman for the Reno Fire Department says.

The spokesman said the money made from the affair, estimated at \$5,000, will purchase equipment to care for victims of burns so they would not have to leave the Reno area for treatment.

The Ball is sponsored by the Reno Firefighters Local 731 and the Ladies' Auxiliary of the union.



COMMUNITY CONSULTING TEAM — Members of a Community Consulting Team and School of Medical Sciences students look over an electrocardiogram chart from a patient in the Pershing County General Hospital in Lovelock. Left to right are: Dr. Robert K. Myles, Reno; Dr. Joseph M. Presti, Lovelock; Jay Chamberlain, Reno medical student; James E. Lehr, extern at Washoe Medical Center and medical student at the University of California at Irvine, and Mike Ashcraft, Reno medical student.

Students Accompany Local Physicians to Rural Counties

Medical students at the University of Nevada, Reno have traveled to Northern Nevada communities with local physicians who are consultants to rural county doctors.

The physicians are members of the Community Consulting Teams of the Mountain States Regional Medical Program — Nevada Sub-region (MS/RMP-Nevada). The number of communities visited has increased from eight to 11 since the consulting team project began in February of 1969.

The project was originated to provide on-site educational opportunities for medical and other health personnel in smaller Northern Nevada communities. It offers an educational experience to students from the new School of Medical Sciences.

Patrick Colletti was the first student to accompany the team. Since then, two others, Walter Carr and Wayne Manson, have gone. Colletti's trip included visits to Ely, Owyhee and Battle Mountain.

Colletti said he witnessed two live births in Ely. One was a normal delivery, the other a Caesarean.

The Public Health Service Hospital in Owyhee is operated by two doctors that are just out of medical school. The hospital is fairly old, said Colletti, and it is part of a reservation.

Colletti said he "was surprised to see such good facilities in the small towns."

Carr went to Yerington where he sat in on a conference and had a chance to see a few patients.

"It was interesting to see a small hospital in operation, and how the doctors must use their own initiative on occasion when they can't get lab results for a few days because all of the lab work is sent to Reno," he said.

At Truckee, Manson attended a conference and watched the consulting team at work.

Dr. Richard H. Licata, director of research for the School of Medical Sciences, says students are enthusiastic about this kind of observation participation.

"The Consulting Team Program of MS/RMP-Nevada makes it possible to get students into an experience setting with respect to their curriculum activities," he said.

The project is coordinated by Dr. David L. Roberts of Reno.

Wives Visit Campus

The Doctors' Wives of Washoe County recently sponsored a luncheon for the faculty of the Orvis School of Nursing (OSN) at the University of Nevada, Reno.

After the luncheon at the OSN lounge, approximately 35 members of the group toured the School of Medical Sciences and Health Sciences Program facilities.

Duffy Likes Nevada Med Plan

The chairman of the Select Health Manpower Committee for the California State Assembly met with School of Medical Sciences officials and a number of Nevada legislators recently in Reno.

Gordon Duffy, R-Hanford, discussed with the Nevadans the two-year medical program in Reno and how its design could be implemented into a California medical education plan.

Duffy said he was particularly interested in the concept of a medical school "without walls." Much of the training for Reno medical students takes place in local hospitals, health clinics and doctors' offices, rather than a community university hospital.

"Physicians and legislators in California for many years have been talking about the concept you have here," Duffy said at a luncheon at the Pioneer Inn. "The best kind of medical school does not necessarily have elaborate buildings or a hospital. Nevada has found a way to integrate the school into the community."

Duffy said he visited Nevada because he heard the medical program at the Reno campus was "unique and innovative."

Dr. George T. Smith, Dean, said because Nevada could not support a traditional medical school with a hospital, students are now gaining practical experience through the cooperation of Nevada hospitals and physicians.

Duffy said California presently has five four-year medical schools and there is pressure in the legislature to



OFFICIALS CHAT — Among approximately 40 persons at a Pioneer Inn luncheon to discuss medical education in Nevada and California were, left to right: Dr. George T. Smith, Dean of the School of Medical Sciences; Leslie Mack Fry, Nevada Assemblyman; Artie Valentine, Nevada Assemblyman; Gordon Duffy, California Assemblyman and head of the Select Health Manpower Committee; James T. Anderson (in the background), Vice President of UNR; Neil D. Humphrey, Chancellor of the University of Nevada System, and Howard McKisick, Jr., Nevada Assemblyman.

open at least three more schools on university campuses. He said some of the new schools may offer two-year programs.

"We are very interested and encouraged to see how Nevada utilizes a minimum amount of state expenditure and a maximum number of community doctors to educate the future doctor," he noted.

He added teaching was "one of

the most critical problems we have in California medical education."

Duffy's committee is responsible for a \$485 million ten-year medical education plan in California. Legislators from Reno, Sparks and Carson City were on hand for the luncheon.

Med School Hosts Workshop in Reno

A workshop in medical school costs sponsored by the National Institutes of Health (NIH) of the U.S. Department of Health, Education and Welfare and the Association of American Medical Colleges (AAMC), was held in December in Reno's Pioneer Inn.

The workshop, hosted by the University of Nevada, Reno (UNR) School of Medical Sciences (SMS), explored ways to cut costs and meet the financial needs of America's health care education programs.

The SMS is one of 40 schools and agencies in the United States with NIH contracts to participate in a national study of health care education and the cost problems associated with it.

The information collected by the program will be shared by the SMS and other program members.

Nevada Eligible Under New Federal Program

A new Federal program under the Comprehensive Health Manpower Training Act of 1971 puts emphasis on reduction of the amount of time for medical education.

Philip J. Gillette, Administrative Assistant for the School of Medical Sciences, said all medical schools in the country are eligible for funding under the act.

The act is administered by the Bureau of Health Manpower Education, National Institutes of Health, of the U.S. Department of Health, Education and Welfare.

Gillette said the "capitation" area of

the act is based on the number of students enrolled at a medical school. The two-year school at Reno is eligible for \$314,000 from the grant, and the final word on the Nevada application for funds should come in April, said Gillette.

Gillette said the legislation created a new program which gives incentive funding bonuses to new schools and schools that convert from a two-year institution to a three or four-year degree-granting institution.

The act was designed to aid in reducing the time for educating doctors, said Gillette.