



Health News

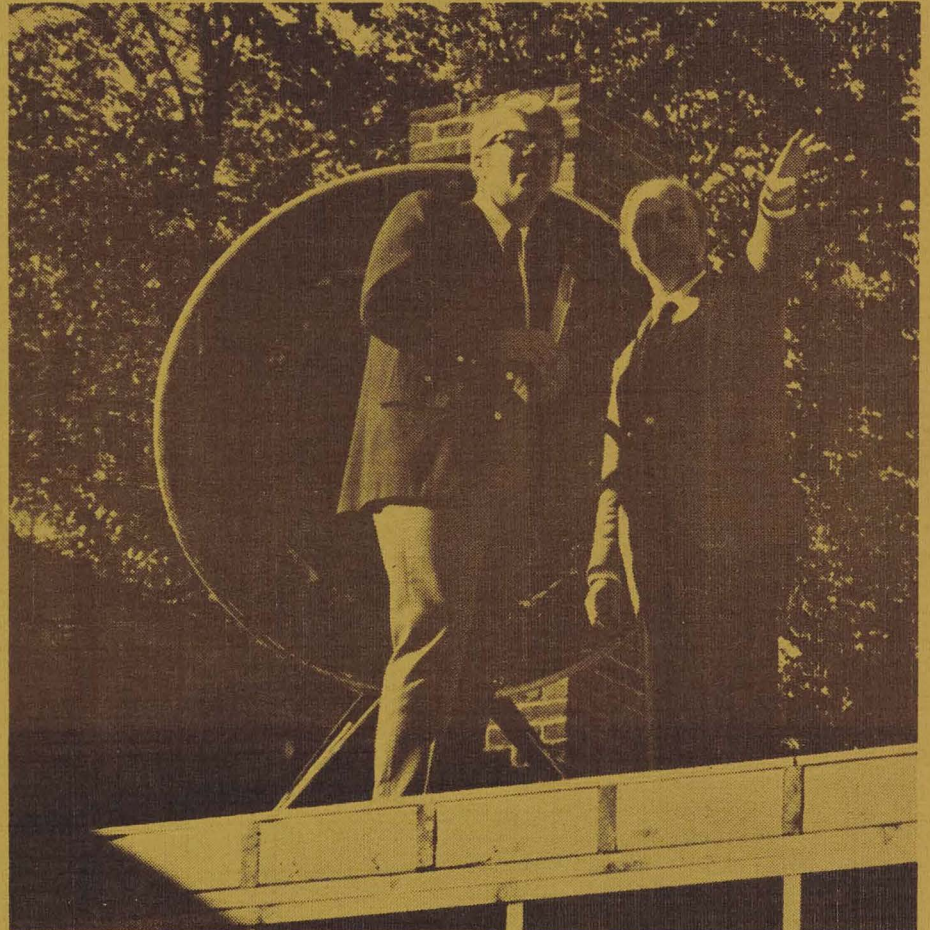
University of Nevada, Reno

Health Sciences Program

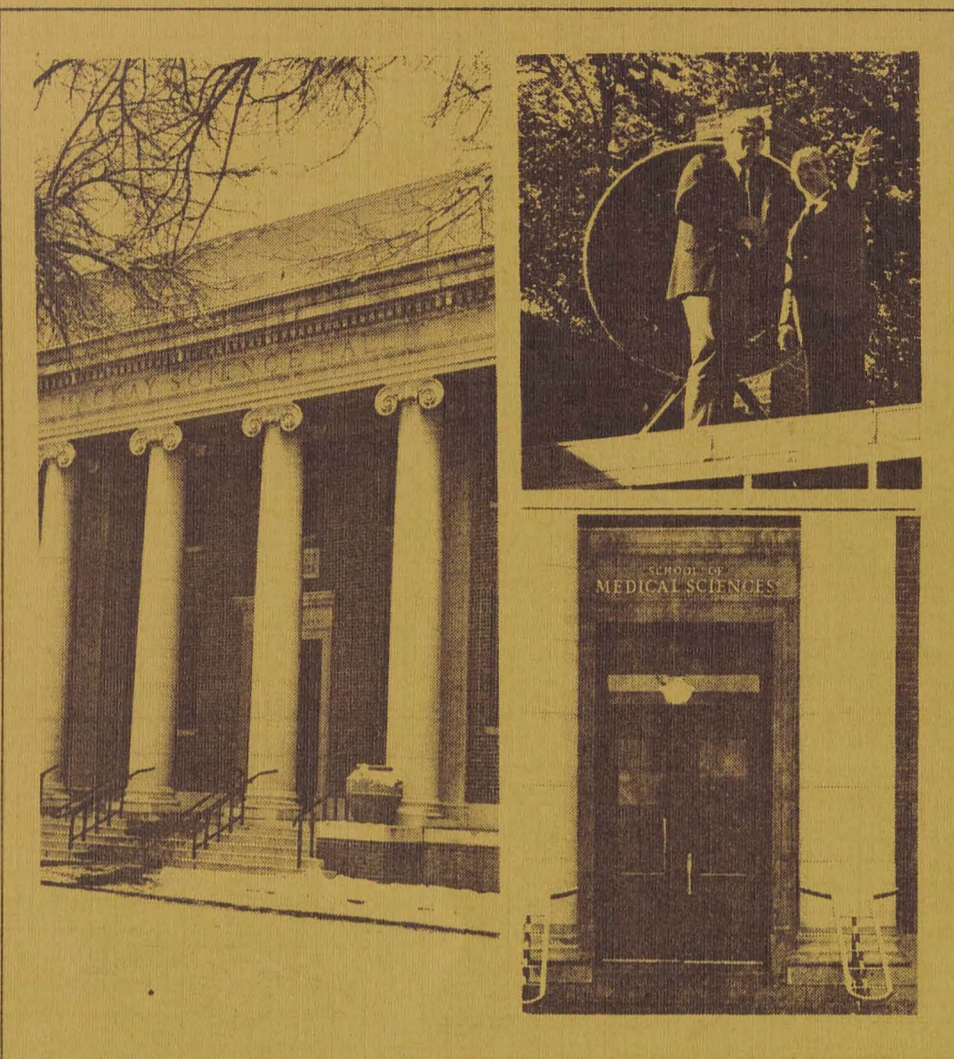
School of Medical Sciences

Vol. 2, No. 1

January 1971



The Cover



Med School Moves, Sets up TV Intertie

The School of Medical Sciences moved to permanent headquarters in remodeled Mackay Science Hall at the south-eastern corner of the campus Quad.

Additional remodeled offices, classrooms and laboratories have been occupied by the school in the adjacent Mechanical Engineering (Anatomy) and Electrical Engineering Buildings, on the east side of the Quad.

Television transmitting and receiving equipment was installed in the Mechanical Engineering (Anatomy) Building for a two-way intertie between Washoe Medical Center and the university.

Dr. Thomas Scully, Washoe Medical Center director of medical education, and Dr. Richard H. Licata, School of Medical Sciences director of medical curriculum, went out on the roof of the university building where some of the equipment is located. Dr. Licata pointed toward similar transmitting-receiving apparatus atop Washoe Medical Center.

(See pages 4 and 5 for complete stories.)

Health News

Published by the School of Medical Sciences, University of Nevada, Reno, Nevada 89507.

Editor: Richard G. Frohnen, associate professor of journalism.

National Letter Prints Column By Dean Smith

A recent issue of "News about medical education," newsletter of The National Fund for Medical Education, includes a column written by Dr. George T. Smith, dean of the School of Medical Sciences.

The column, "What's on the Dean's Mind," is a regular feature of the newsletter. Dean Smith's column, which appeared in the November 1970 issue of the newsletter, is reprinted below:

At the University of Nevada, Reno, a new two-year medical school will admit its first students next fall. With this opportunity to pioneer in medical education, the Dean has questions like these very much on his mind:

How can a two-year school best contribute to increasing the output of physicians and health professionals? Shorten the length of time required for medical education? Strengthen the concept of the health team? Motivate students to accept change while retaining traditional values that are still valid?

Answers are beginning to emerge as we study what other medical schools are doing, and evaluate the academic resources already available at Nevada. We see an opportunity here to depart from the traditional, rigidly departmentalized curriculum. Interdisciplinary education will become the watchword. With our developing Health Sciences Program, which includes the School of Medical Sciences, training for health careers can become a continuum, starting in the college years. The program will be open-ended, permitting students to prepare for a variety of careers, be it as physicians, nurses, physical therapists, or in health education.

All our students come to us in the first place because they are interested in caring for people. We plan, therefore, to bring them early into the clinical environment. We are moving beyond the University walls to develop close liaison with medical practitioners, hospitals and other health agencies in the State. Thus, at the very beginning of their training, our students receive first-hand experience in the delivery of health care and learn to work efficiently as part of a health team.

By insisting on greater relevancy in curricular offerings, by encouraging independent study as a means of increasing the student's rate of learning, by offering early clinical experience, by interdisciplinary teaching, by advancing certain of the basic science courses into the college years, our programs of medical education are shortened without sacrificing quality.

Because we are starting fresh, we are able to take simultaneously a number of long steps forward in many areas of medical education, unhampered by the traditional ways of doing things. We believe our experience will be helpful to all medical education.

The first 24 persons who will study medicine at the University of Nevada, Reno, have been selected.

They will begin their studies in the new two-year curriculum of the School of Medical Sciences in September of this year and will be joined by another 36 students a year later.

Each year thereafter, 48 new students are to be admitted.

All but one of the students in the first class are Nevada residents. Eight are from Reno, eight from Las Vegas, and seven from elsewhere in Nevada. The lone out-stater is a girl from Idaho.

Dr. Dean C. Fletcher, chairman of the Admissions Committee, said there were more than 1,000 applications for the 24 positions, 130 from Nevadans and the rest from 45 states, the District of Columbia, Canada and several other nations.

The committee, Dr. Fletcher said, attempted to select "good, solid students that we believe will become outstanding practicing community physicians.

"We also were concerned with selecting students who are likely to return to Nevada to practice, particularly in smaller communities. Several expressed the desire to serve in small, rural communities of the state."

Dr. George T. Smith, Dean of the School of Medical Sciences, said the committee "found so many well qualified Nevada students that it was felt they should be given the first priority, particularly since this is a state medical school.

"With 130 applications from Nevada students alone, there is, indeed, an evident need for medical education opportunities among our young people.

"Nevada has never had more than 12 students admitted to medical schools in any previous year, and there is a backlog of qualified students in the state to be met. We tried to get a state-wide distribution among qualified students."

Dr. Fletcher said that of the 130 Nevada applicants, the committee felt 44 were qualified to enter the new medical school. But the medical school has resources for no more than 24 in the first year, he added. There is, however, a list of 20 alternates.

He said the girl from Idaho was accepted because the committee felt that "one position in the class should be given to a person from a state that has no medical school and with which Nevada is cooperating through Regional Medical Programs, Western Interstate Commission for Higher Education and other efforts."

Medical School Selects First 24 Students

Here is a list of the students admitted:

From Carson City: William A. Dobbins, 21, Albion College, Albion, Mich., undergraduate student in chemistry.

From Elko: James A. Moren, 21, Yale University undergraduate student in pre-medicine.

From Ely: Jay C. Chamberlain, 24, BYU undergraduate student in zoology; and William B. Michelson, 22, University of California, Davis, graduate student in physiology.

From Las Vegas:

Michael Ashcraft, 20, Stanford University undergraduate student in biology.

Keith G. Boman, 21, University of California, Santa Barbara, undergraduate student in zoology.

David J. Christensen, 23, University of Utah undergraduate student in political science.

Grant K. Holland, 22, Brigham Young University (BYU) undergraduate student in pre-medicine.

George S. Manning, 28, captain in the U.S. Air Force in Thailand, and a 1963 Utah State University graduate student in zoology.

Wayne L. Manson, 21, UNR undergraduate student in zoology.

Henry S. Nelson, 23, BYU undergraduate student in zoology, who also attended the University of Nevada, Las Vegas.

Earl K. Plunkett, 20, BYU undergraduate student in zoology.

From Lovelock: Larry M. Noble, 19, UNR undergraduate student in pre-medicine.

From Reno:

Ronald E. Ainsworth, 23, University of Nevada, Reno (UNR), undergraduate student in pre-medicine.

Patrick J. Colletti, 22, UNR graduate student in biology.

Kirk M. Gilmore, 21, University of Utah undergraduate student in chemistry.

Michael G. Kinnison, 27, captain in the U.S. Air Force, at Bellevue, Neb., and a 1966 UNR graduate in zoology.

Philip H. Landis, 23, UNR graduate student in zoology.

Miss Mary A. Sourwine, 23, University of Maryland graduate student in zoology.

Bryan Stuart, 27, UNR graduate student in pre-medicine.

Craig Trigueiro, 20, UNR undergraduate student in pre-medicine.

From Sparks: John W. Mills, 29, UNR graduate student in zoology; and Michael R. Natalino, 25, lieutenant in the U.S. Army in Vietnam, and a 1968 UNR pre-medical graduate.

From Burley, Idaho: Miss Karen D. Crippen, 20, Utah State University undergraduate student in zoology.

Dr. Fletcher pointed that while 23 of the 24 students in the first class are Nevada residents, 13 are students in universities around the nation, three are on

(Please turn to Page 14.)

Medical School Moves to Permanent Headquarters on Reno Campus Quad

Permanent headquarters for the School of Medical Sciences have been occupied by the new school on the second and third floors of Mackay Science Hall.

Most faculty offices, and some research facilities, and student study and laboratory areas, are located in remodeled rooms of Mackay Science Hall at the south-eastern corner of the campus Quad.

Some School of Medical Sciences classrooms and laboratories are in the Mechanical Engineering (Anatomy) and Electrical Engineering Buildings, also on the east side of the Quad.

And, there is a new central receiving station — (702) 784-6001 — for telephone calls through which most School of Medical Sciences offices may be reached, including all of those in Mackay Science Hall, Mechanical Engineering (Anatomy) and Electrical Engineering Buildings.

In addition, other existing campus facilities are being shared with other schools and colleges because "inter-

disciplinary" is the key word in the organization and administration of the Health Sciences Program and School of Medical Sciences.

This unique campus-wide program features the selective sharing of faculty, facilities and resources, from audio-visual equipment to lecture and laboratory rooms.

An important example of shared facilities is the Life and Health Sciences Library, a joint project of the School of Medical Sciences and the College of Agriculture, located on the third floor of the Max C. Fleischmann Agriculture Building.

Community medical facilities, not a university hospital or other health care-delivery center, provide the clinical aspect of medical and health sciences education for University of Nevada, Reno, students in the health sciences.

The School of Medical Sciences does not plan to build a hospital; rather it is developing close liaison among practitioners, existing hospitals and other health-care agencies and institutions in the state which will be used as clinical

laboratories.

A major theme of the educational concept is that the curriculum shall be taken to the community.

Thus, community facilities, not a university-based hospital, must be utilized, not only for economy, but also for fulfillment of educational objectives.

The two-way television intertie between the university and Washoe Medical Center, and the Dean's Committee for the Reno Veterans Administration Hospital, are examples of the implementation of that concept.

One new building has been proposed by the School of Medical Sciences and approved by the Board of Regents.

It is a one-story teaching and research facility to be shared by the School of Medical Sciences and the College of Agriculture.

Construction costs are to be funded by a \$720,000 National Institutes of Health grant, which with gifts and university non-appropriated funds will provide the \$1,080,000 building cost.

TV Intertie Links Campus, Hospital

Television is being used to bring students and faculty at the University of Nevada, Reno, and practitioners and patients at Washoe Medical Center, closer together for health sciences education.

Equipment at the hospital and the Anatomy Building at the university permits transmission and reception of sound and picture in either direction.

Dish-shaped equipment is mounted on top of the hospital and university buildings for the closed-circuit microwave intertie over Reno.

The first telecast in the program was made from the hospital to a class at the university on Oct. 1. The project is funded by the Federal Regional Medical Program and the university.

Dr. Richard H. Licata, director of medical curriculum and research for

the School of Medical Sciences at the university, said it is contemplated that other hospitals in the Reno area will be linked to the system later.

He said the intertie is for both of the following purposes:

1. Preparation of medical and health sciences students by bringing the clinical setting into the lecture hall.

2. Continuing education for practitioners by bringing the lecturer and the classroom to the professional where he works.

Participants and observers are able to talk back and forth, in addition to the audio and visual telecast.

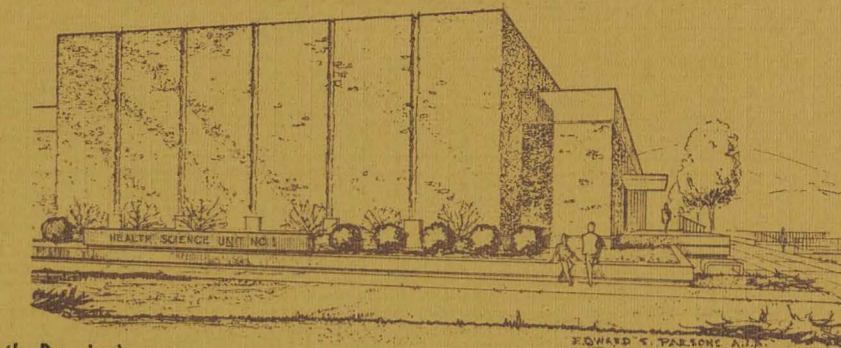
Dr. Licata explained that the intertie supplements the traditional ampitheater in which students observe medical practitioners.

This makes it easier for more students to see, and to see better, through picture enlargement and the use of multiple projectors in the classroom.

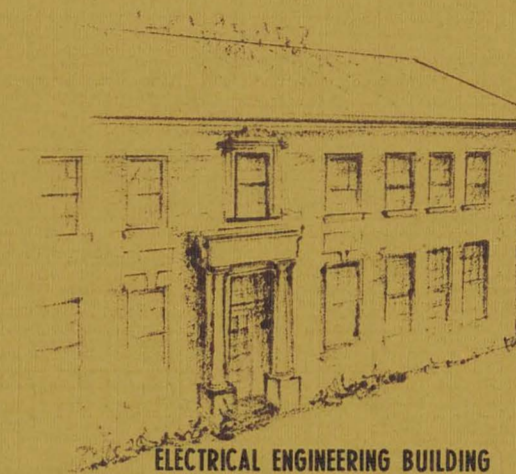
Another value of the system, Dr. Licata added, is the opportunity for self-evaluation of instruction, especially through the playback of taped and filmed telecasts.

Coordinating with Dr. Licata are Dr. Ernest W. Mack, Reno neurosurgeon; Carroll W. Ogren, Washoe Medical Center administrator, and Dr. Thomas Scully, center director of medical education.

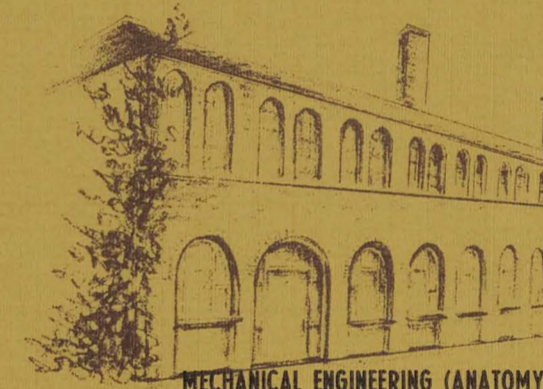
Dr. Scully said: "Our physicians and clinicians will benefit from the stimulus provided by the faculty and students of the university of Nevada School of Medical Sciences, and they in turn will benefit from dialogue with our physicians."



PROPOSED MEDICAL SCIENCES UNIT NO. 1 (Architect's Drawing)



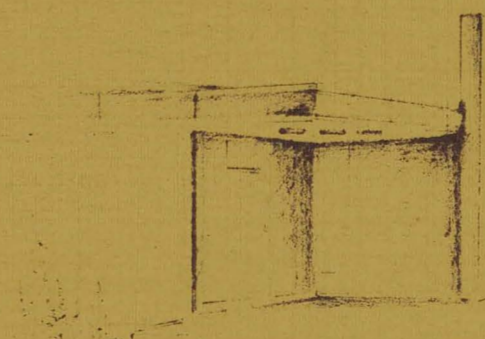
ELECTRICAL ENGINEERING BUILDING



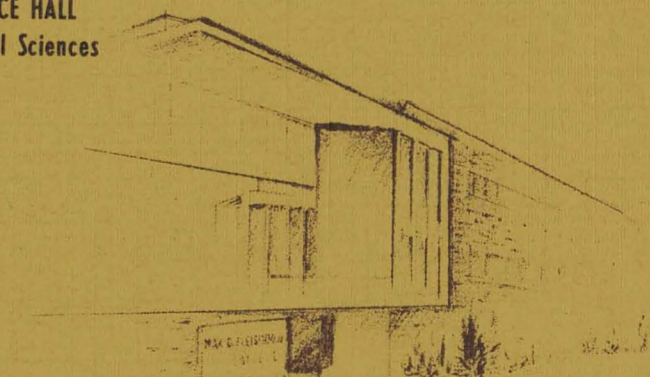
MECHANICAL ENGINEERING (ANATOMY)



MACKAY SCIENCE HALL
School of Medical Sciences



ORVIS SCHOOL OF NURSING



MAX C. FLEISCHMANN AGRICULTURE BUILDING (LIFE & HEALTH SCIENCES LIBRARY)

HEALTH
SCIENCES
PROGRAM
SHARES
THESE
BUILDINGS

AMA-AAMC Accreditation Is Reasonably Assured

"Reasonable assurance" that the School of Medical Sciences will be fully accredited has been granted by authorities responsible for medical education in the United States and Canada.

The designation was assigned by representatives of the American Medical Association (AMA) and the Association of American Medical Colleges (AAMC) at a meeting in Chicago.

This is the last accreditation step necessary for the medical school until after it starts classes this year. Full accreditation comes only after a school has graduated its first class.

The letter from the AMA-AAMC committee, addressed to the United States Commissioner of Education, said:

"The Liaison Committee on Medical Education has studied the plans for this new (Nevada) school very carefully and has authorized me to inform you that, in the judgment of the committee, there is reasonable assurance that the school will meet accreditation standards and in due time will be fully accredited as a school of basic medical sciences."

The letter was signed by Dr. Hayden C. Nicholson, M.D., committee secretary, and one of the physicians who visited the Reno School as a prerequisite to the approval granted in Chicago.

Dr. C. H. William Ruhe, M.D., secretary of the Council on Medical Education of the AMA, said:

"This represents a facet of the peer review principle for planning efforts. It shows that planning has been sound from an educational point of view."

"This 'reasonable assurance' has been jointly expressed by the Association of American Medical Colleges, spokesmen

for medical educators in the United States, and by the American Medical Association, which technically represents the private practice sector of medicine in the United States."

Dr. Ruhe also said the "reasonable assurance" designation is necessary for federal grants and that "this is an assurance to students the school will meet the accreditation standards so that they can transfer to other schools."

Women's Auxiliary Makes \$500 Grant To Medical School

A gift of \$500 to the School of Medical Sciences, from the Women's Auxiliary of the Nevada State Medical Association, has been announced.

Mrs. Olin C. Moulton of Reno, auxiliary president, said the gift will be made through the American Medical Association Education and Research Fund.

Members voted the gift during the annual meeting of the auxiliary, in session concurrently with the Nevada State Medical Association.

Nursing Faculty Notes

Dr. Alene R. Dickinson has been appointed to a four-year term on the Board of Review, Baccalaureate and Higher Degree Programs, National League for Nursing.

This board reviews for accreditation all baccalaureate, master's and doctoral programs in nursing.

Mrs. Beth Monninger attended the annual meeting of the American Public Health Association in Houston, Tex. She teaches community health nursing.

Congratulations to Mrs. Betty Dick, newly elected secretary of the Nevada State Nurses Association, District No. 1. Dr. Alene Dickinson continues in her role as president.

Congratulations to Ruth Flanigan of

Library Receives Grant

The Life and Health Sciences Library received numerous gifts last year of books and journals from local physicians and faculty members to increase the richness of its collection.

Two gifts especially met pressing needs of the library.

Mrs. Vernon W. Padgett, of Grass Valley, Calif., sent 20 volumes of "American Review of Respiratory Diseases," which make the journal complete in the library from 1948. These are from the office of the late Dr. Padgett.

In the early years of his practice at Grass Valley, he treated Nevada residents suffering lung diseases who found no specialists for their condition in Nevada at that time, according to Mrs. Padgett.

Dr. Russell W. Brown, distinguished professor of microbiology on the faculty of the School of Medical Sciences, gave the library his holdings of "Science," complete from 1943.

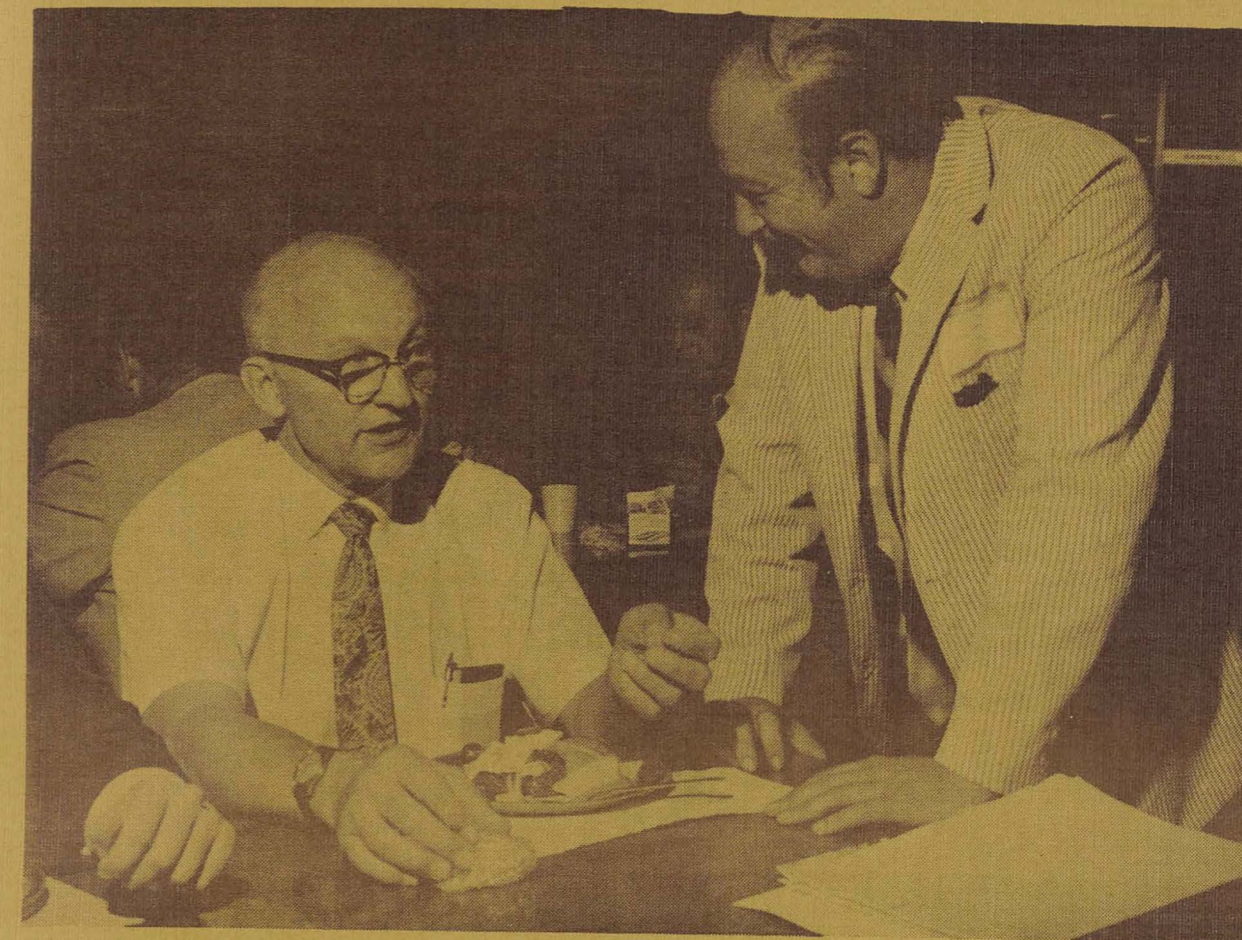
It is no longer necessary for Life and Health Sciences Library Branch to refer would-be users of "Science" to the Main Library's run of the title, which happened too frequently before.

the Las Vegas nursing faculty, newly elected president of the Nevada State Nursing Association, and to Nancy Spano who changed her name to Mrs. Howe.

New Assistant Surgeon

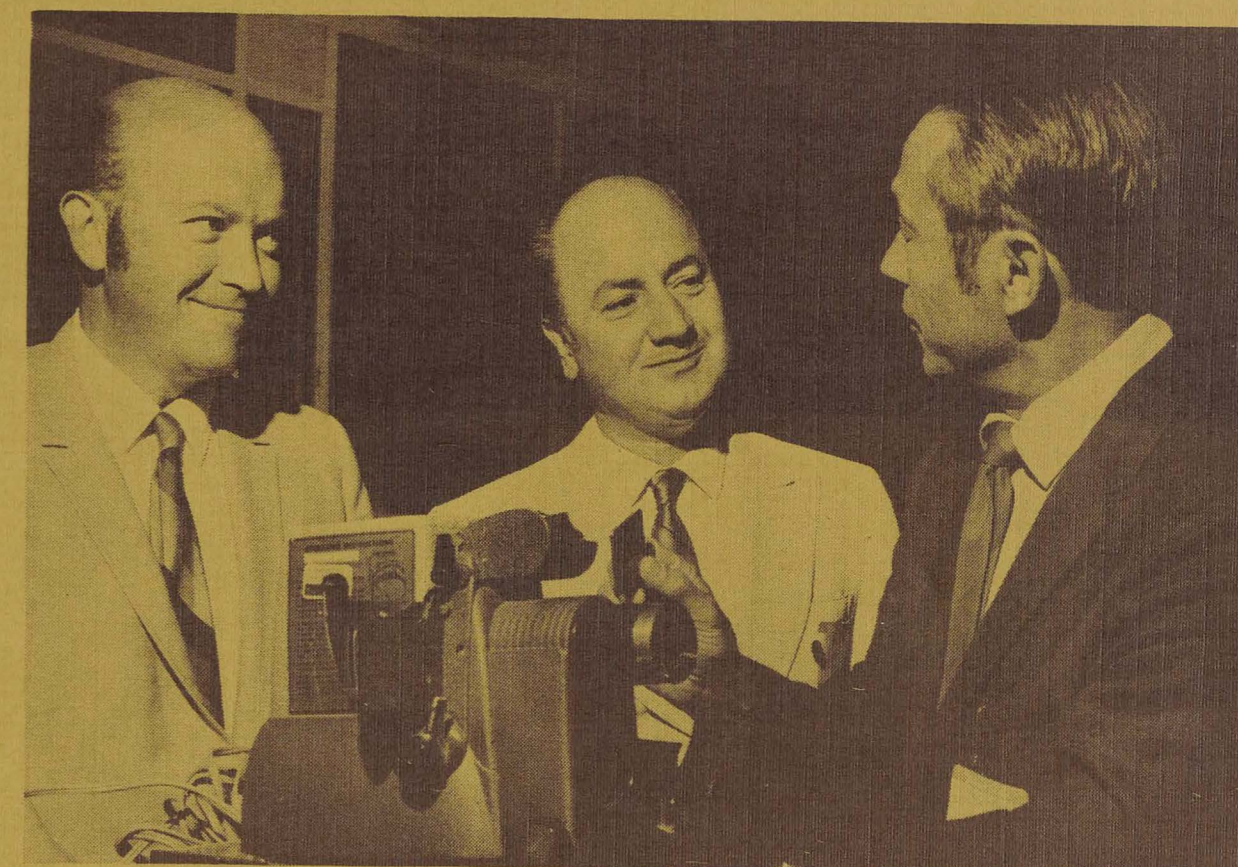
Congratulations to Jessie Scott, formerly director, Division of Nursing, Department of Health, Education, and Welfare, who has been appointed to the rank of assistant surgeon.

This is the first time in the history of the Public Health Service that flag rank has been given to the director of this division, which serves as the focal point for nursing in the Federal government.



AT LUNCH — Dr. Theodore H. Harwood (left), dean of the School of Medicine, University of North Dakota, Grand Forks, talks with Dr. George T. Smith, dean of the School of Medical Sciences, University of Nevada, Reno, at the Curriculum Workshop.

PRESENTATIONS FILMED — With a camera between them that was used for filming presentations, are Dr. Theodore H. Harwood (left), dean of the School of Medicine, University of North Dakota, Grand Forks, and Dr. Edward D. Coppola, associate professor of surgery, Hahnemann Medical College and Hospital, Philadelphia.



TALKS WERE ILLUSTRATED — Dr. Theodore C. West (right), coordinator of the Office of Medical Education, School of Medicine, University of California at Davis, used slides to illustrate his paper on "Organization and Content of Medical Curriculum," at the Curriculum Workshop. At left is Dr. Leroy C. McLaren, professor and chairman of the Department of Microbiology, School of Medicine, University of New Mexico, Albuquerque, and Dr. Richard H. Licata, director of medical curriculum, School of Medical Sciences, University of Nevada, Reno.

Curriculum Workshop Held Last Summer

School of Medical Sciences Faculty

Recruitment of faculty for the School of Medical Sciences, both to this point and for the future, is in fulfillment of the following portion of the statement of "Medical Education Philosophy" adopted by the Executive Committee of the school in January of 1970:

"The faculty should be role models for students. There should be three classifications of professional staff to provide for the continuity of curricular innovations believed essential for the preparation of students who are to meet the medical needs of a rapidly changing society.

These three groups are: (1) Administrative Staff, (2) Teaching-Research Staff, and (3) Curriculum Staff.

The Administrative Staff should facilitate the planning and activities of the total faculty.

The Teaching-Research Staff should keep abreast of the latest developments in each field represented, and should be active contributors to knowledge in medical and allied fields.

The Curriculum Support Staff should work closely with the Teaching-Research Staff in providing the most effective methods for the dissemination of information and for providing learning experiences which enable students to meet the objectives of the School of Medical Sciences in the shortest time possible.



Phyllis B. Acosta, Ph.D.
Assoc. Prof. of Nutrition

B.A., Andrews University, 1955; M.S., State University of Iowa, 1957; M.P.H., University of California at Los Angeles, 1966; Ph.D., UCLA, 1969.

At time of appointment: Nutrition consultant, Division of Child Development, and Consultant, Collaborative Study of Children Treated for Phenylketonuria, Childrens Hospital of Los Angeles; lecturer, Department of Home Economics, California State College at Los Angeles; assistant clinical professor, Department of Pediatrics, School of Medicine, University of Southern California.

Formerly: Faculty and staff member, White Memorial Hospital, Los Angeles, and Loma Linda University, Loma Linda, Calif.

Dr. Bach Lectures at U. of Missouri

Dr. L. Matthew N. Bach, director of the Division of Basic Sciences of the School of Medical Sciences, lectured at the University of Missouri, Columbia, Mo., in November.

"Regulation of Innate Behavior Through Limbic-Hypothalamic Systems" was the title of his lecture, sponsored by the Department of Veterinary Physiology and Pharmacology.

Dr. Bach is scheduled to give the same lecture at a meeting of the faculty of the Department of Psychology, University of Nevada, Reno, on Feb. 5.



John C. Altrocchi, Ph.D.
Visiting Prof. of Psychology

A.B., Harvard University, 1950; Ph.D., University of California at Berkeley, 1957.

At time of appointment: Professor of medical psychology, acting director, Clinical Psychology Program and chief of training, Division of Medical Psychology, Department of Psychiatry, Duke University. Also: Mental health consultant, Halifax County, N.C.; acting program director, Halifax County Mental Health Center; consultant, Durham Veterans Administration Hospital; consulting editor, "Journal of Personality."

Formerly: Staff member, Scripps Clinic and Research Foundation, La Jolla, Calif.

L. Matthew N. Bach, Ph.D.
Director, Division of Basic Sciences

A.B., 1940; M.A., 1943, and Ph.D., 1945, all University of California at Berkeley.

At time of appointment: Professor of physiology, School of Medicine, and lecturer, School of Architecture, Tulane University; member, Board of Editors, Proc. Soc. Eptl. Biol. and Med; member, National Research Council Postdoctoral Associateship Panel.

Formerly: Studied and taught psychiatry, neurology, engineering and social work; visiting faculty member at Northwestern University, University of Texas, and other institutions; executive director, Survey of Physiological Services, American Physiological Society, Washington, D.C.

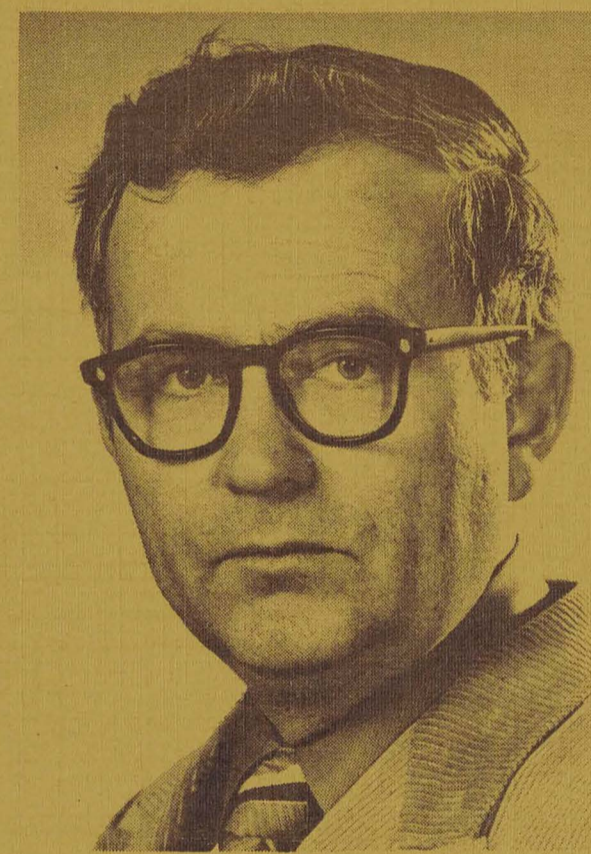


Russell W. Brown, Ph.D.
Distinguished Prof. of Microbiology

B.S., Howard University 1926; M.S., 1932, and Ph.D., 1936, both Iowa State University.

At time of appointment: Vice president and professor of bacteriology, Tuskegee Institute, and trustee of the Carver Research Foundation.

Formerly: Director of the Carver Research Foundation, president of the National Institute of Science, president of the American Society for Microbiology. Participated in development and testing of the Salk Vaccine and pioneered in preservation of Mammalian cells by liquid nitrogen refrigeration.



Marjorie J. Elmore, Ed.D.
Dean, Orvis School of Nursing

A.B., Park College, 1937; B.S., 1943, and M.A., 1945, both University of Missouri, Columbia; Ed.D., Teachers College, Columbia University, New York, 1964.

Dean of the Orvis School of Nursing, University of Nevada, Reno, since 1962. On leave from that position 1969-1970 as coordinator of the Health Sciences Program, UNR.

Currently member of the Nevada and Western Interstate Commission on Higher Education Advisory Committee for the Regional Medical Programs and Intermountain Regional Medical Programs; member of the Executive Committee of the Council of Baccalaureate and Higher Degree Programs, National League for Nursing.

Formerly: Executive secretary, Missouri and Oregon State Nurses Associations; research associate, American Nurses Foundation.

Willis G. Downing Jr.
Biomedical Engineer

B.S., Long Beach State College, 1952; B.S., University of California at Berkeley, 1957; M.S., San Jose State College, 1964.

At time of appointment: Assistant professor, Electrical Engineering Department, University of Nevada, Reno.

Formerly: Assistant sponsor engineer, Westinghouse Electric Corp., East Pittsburgh, Pa.; electronics engineer and project engineer, Lawrence Radiation Laboratory, Livermore, Calif.; fellowships at Ames Research Center and Stanford University, and Lovelace Foundation; extensive work in electric power systems, television and X-Ray diagnostics design; holds United States patents on electronic devices.

Dr. Brown Lectures For UNR Sigma Xi

Dr. Russell W. Brown, distinguished professor of microbiology of the School of Medical Sciences, delivered a lecture to the Society of Sigma Xi in November at the University of Nevada, Reno.

His topic was "Preservation of Mammalian Cells by Freezing, and Possible Applications for Tissue Banks and Viral Studies."



Dean C. Fletcher, Ph.D.

*Coordinator of Health Sciences Program,
Director of Student Affairs,
Director of Planning*

B.S., 1943, and M.S., 1948, Utah State University; Ph.D., University of Delaware, 1951.

At time of appointment: Professor and chairman of the Department of Biochemistry, University of Nevada, Reno; member of the Board of Directors of the Reno Cancer Center; consultant on biochemistry and toxicology; director of the Max C. Fleischmann Cancer Registry; member of the Nevada Department of Education Committee on Education of the Exceptional Child; clinical professor of post-graduate medicine, University of Utah School of Medicine; chairman of the Medical Technology Curriculum Committee, UNR.

Formerly: Research chemist, Franklin Institute, E. I. duPont deNemours Co.; director of research, Washoe Medical Center; faculty member at the University of Delaware and Utah State University.

Gillette Publishes Article On Hospital Communications

An article by Philip J. Gillette, administrative assistant of the School of Medical Sciences, was published in the August-September, 1970, issue of "Hospitals" magazine.

"Hospital Information Systems" is the title of the article in the official publication of the American Hospital Association.

Philip J. Gillette, M.P.H.

Administrative Assistant

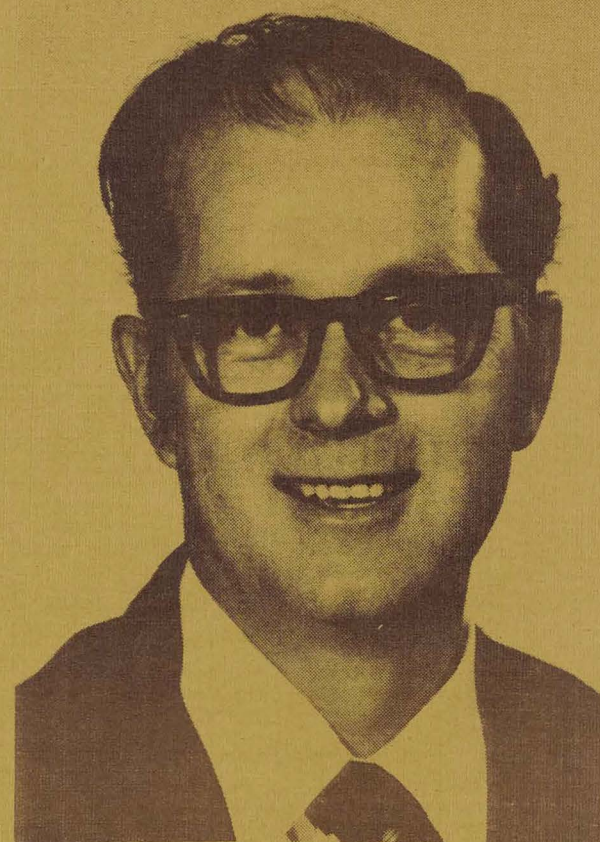
B.A., 1946, and M.P.H., 1952, University of California at Berkeley; residency in hospital administration, University of California Hospitals, San Francisco, Calif., 1952-1953.

At time of appointment: Associate administrative director of health sciences and director of systems services for hospitals, University of Washington, Seattle, Wash.; president, Medical-Dental Administrative Services; lecturer to students in social work, nursing and hospital administration, University of Washington; coordinator of Continuing Education Program for Health Faculty of California and University of Washington; preceptor to graduate students in hospital administration; hospital and clinic consultant; chairman, Manpower Committee, Regional Health Planning Council.

Formerly: Senior administrative assistant and clinic manager, University of California Hospitals, San Francisco; office manager and sanitarian, California State Department of Public Health, Berkeley; regent, Washington and Alaska, American College of Hospital Administrators; chairman, Health Manpower Planning Council for State of Washington; chairman, Health Occupations Committee, Seattle Area Hospital Council; president, Washington State Health Council; member, Costs Advisory Committee to the Department of Health, Education and Welfare.



A recent study of Nevada high school seniors showed that 12 per cent wanted to study medicine, and another 15 per cent wanted to enter allied health fields. But the state was able to offer a baccalaureate degree program to less than two per cent — mostly nurses.



Charles R. Heisler, Ph.D.

*Assoc. Prof. and Chairman,
Department of Biochemistry
(University-wide department.)*

B.S., Monmouth College, Illinois, 1948; Ph.D., University of Chicago, 1957.

At time of appointment: Associate professor of biochemistry, University of Nevada, Reno.

Formerly: Fellow and research associate, Western Reserve University; research fellow, University of Chicago and faculty member, Oregon State University.

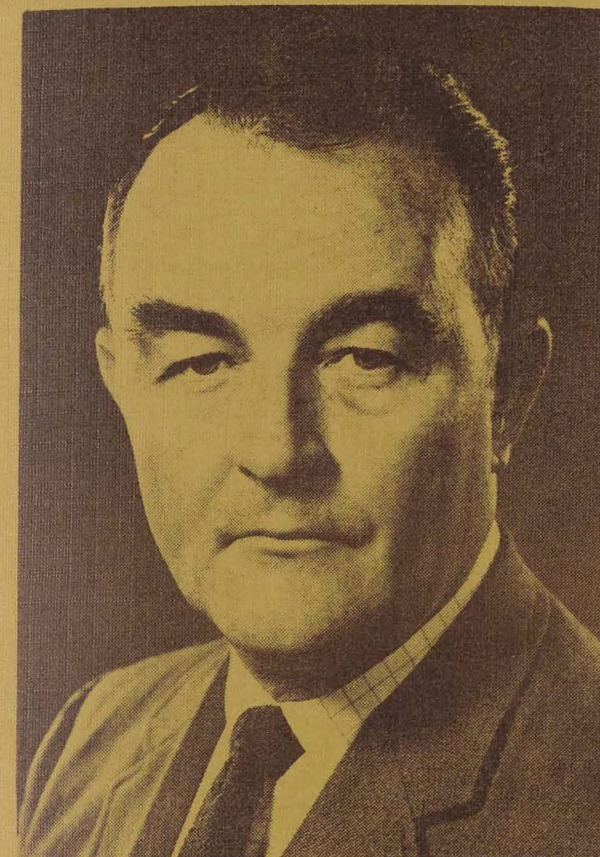
Paper by Dr. Bach Set for Symposium In New Orleans

A scientific paper by Dr. L. Matthew N. Bach, director of the Division of Basic Sciences of the School of Medical Sciences, will be read at a symposium in New Orleans, La., Feb. 22.

"Innate Processes in Behavioral Movements" is the title of the paper to be given at the symposium on "Efferent Organization and Integrative Behavior," at Tulane University.

The symposium is sponsored by Tulane, Loyola and Louisiana State Universities, all at New Orleans, and the National Science Foundation.

Dr. Bach said he hopes that it may be possible for him to go to New Orleans to give the paper himself and participate in discussion, but that his duties with the School of Medical Sciences in Reno may not permit him to be gone at that time.



Harold L. Kirkpatrick, Ph.D.

*Dean, College of Arts and Science;
Chairman, Health Sciences Coordinating Council*

B.A., University of the Americas, Mexico City, 1952 (*summa cum laude*); M.A., 1954, and Ph.D., 1962, both University of California at Berkeley.

Professor of history and administrator, University of Nevada, Reno, since 1960. Speaks, reads and writes nine foreign languages.

Formerly: Faculty member at Prague English Grammar School and Prague Institute of Modern Languages, where he was held by Germany during World War II; U.S. Army instructor at Washington and Lee University and U.S. Army Intelligence Center, Oberammergau, Germany; faculty member at University of the Americas and University of California at Berkeley.

Downing Receives NIH Special Research Fellowship

William G. Downing Jr., biomedical engineer in the Department of Anatomy, has been awarded a Special Research Fellowship by the National Institutes of Health.

His research and training will be in the area of heart research, and is sponsored by the Department of Biomedical Engineering at the University of Southern California (USC).

He expects to begin study and research at USC this spring.

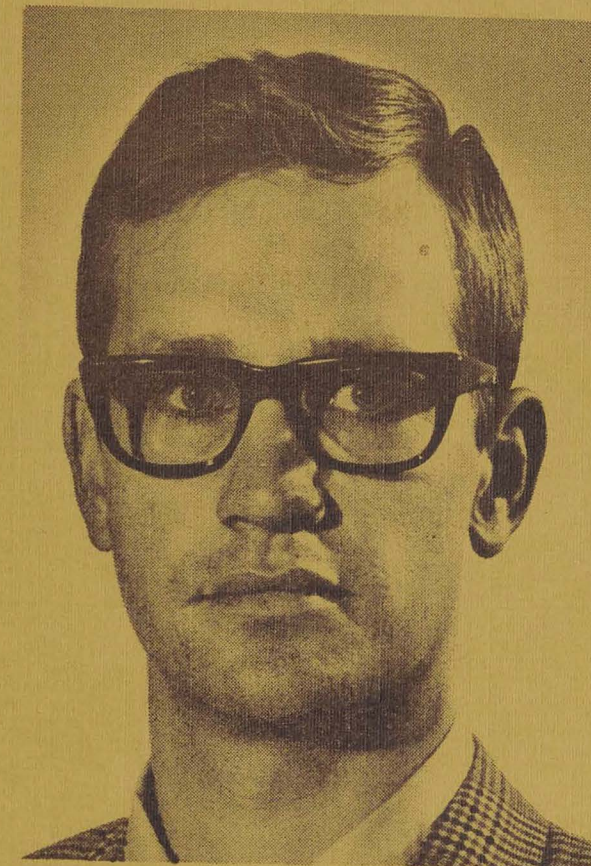
Roger A. Lewis, Ph.D.

Asst. Prof. of Chemistry

B.A., Phillips University, 1963; Ph.D., Oregon State University, 1968.

Faculty member at the University of Nevada, Reno, since 1969.

Formerly: Research fellow at Stanford University.



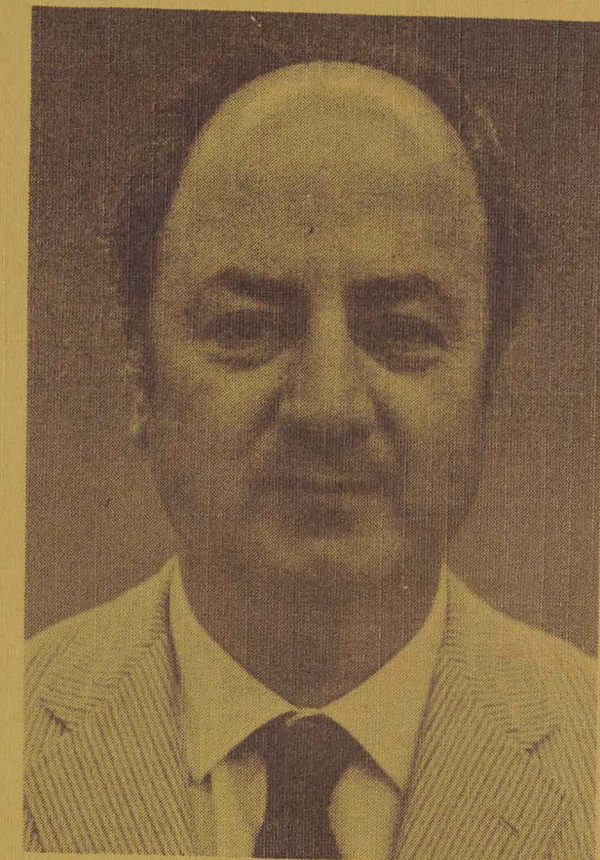
Mrs. Osborne Speaks to Nevada Nurses

At the invitation of Mrs. Millie Bennett, R.N., chief of public health nursing in Nevada, Mrs. Maurica Osborne, Life and Health Sciences librarian, spoke at the Public Health Nursing Staff Conference on Dec. 9, in the session at the Nevada State Library.

None of the nurses, who had come from all of the counties, had been informed previously of the opportunity for obtaining health sciences literature through the university and regional libraries.

Joseph Anderson, head of Nevada State Library, had suggested to Mrs. Bennett that the services, complementing those available through his organization, would be valuable to the nursing staffs, who have no easily available resources of health sciences literature in their vicinities.

In the spring when an institute for public health nurses will be held at Reno, the group will include a tour of the Life and Health Sciences Library in their schedule.



Richard H. Licata, Ph.D.

Director, Medical Curriculum and Research

B.S., University of Toronto, 1945; M.S., 1950, and Ph.D., 1952, both University of Michigan Medical School.

At time of appointment: Chairman and professor, Department of Anatomy, University of Nevada, Reno; consultant on medical curriculum, National Institutes of Health; vice chairman, Nevada Advisory Committee, Western Interstates Commission on Higher Education and Regional Medical Programs; research associate, Desert Research Institute; consultant in neuropathology, Washoe Medical Center; visiting lecturer, University of California at Berkeley Medical Center; member, Executive Committee, Mountain States Regional Medical Program.

Formerly: Faculty member at Temple University Medical School, University of Miami Medical School, Northwestern University Medical School, University of Washington School of Medicine; head of Embryology Laboratories and medical research associate, Illinois State Pediatric Institute, Chicago.

Speakers Address Clubs

Faculty members of the School of Medical Sciences have given speeches on health care problems and the School of Medical Sciences at service clubs throughout Nevada during recent months.

Speakers have included Dr. George T. Smith, dean; Dr. L. Matthew N. Bach, director of the Division of Basic Sciences, and Philip J. Gillette, administrative assistant.



Paul W. McReynolds, Ph.D.
Director, Division of Behavioral Sciences

B.S., Central Missouri State College, 1940; M.A., University of Missouri, 1946; Ph.D., Stanford University, 1949.

At time of appointment: Research professor of psychology, University of Nevada, Reno; editor, "Advance in Psychological Assessment."

Formerly: Research psychologist, chief of behavioral research, Veterans Administration, Palo Alto, Calif.; faculty member at Stanford University, University of Oregon, University of California at Berkeley and Santa Clara University.

Nursing Master's Program Awaits Decision

Pending approval by the Board of Regents at its February meeting, the Orvis School of Nursing hopes to initiate the master's program in nursing, beginning the fall of 1972.

A project proposal presented by the school for the development of a regional program in Graduate Education in Nursing was approved, and funding is expected sometime early in 1971.

The School of Nursing hopes to enrich its master's program by sharing key faculty, personnel and resources from among 10 universities and colleges in Northern California and Nevada.

Information on the new master's program should be available by June of this year.

Dan L. Oppeleman, Ed.D.
Director, Division of Educational Support

B.A., Lynchburg College, 1937; M.A., 1950, and Ed.D., 1954, both George Peabody College.

At time of appointment: Professor of education, University of Northern Iowa; director of Great Plains Conference on Core Curriculum (seven states); consultant in curriculum development and urban education.

Formerly: Faculty member and administrator at Lynchburg College, George Peabody College, Central Washington College, University of Washington, Montana State College at Bozeman, Iowa Wesleyan College (head, Department of Education), State University of North Dakota and Moorhead State College.

Pioneered in experimental work with audio-visual and other media, particularly closed-circuit television, for educational purposes.



Orvis School of Nursing Has 198 Students, for Alltime High Enrollment

The enrollment in the Orvis School of Nursing (O.S.N.) is at an alltime high. There are 198 students on the Reno campus.

There are also large numbers of registered practicing nurses who will be involved in O.S.N. workshops and conferences under the new Mountain States Regional Medical Program in continuing education.



Maurica Osborne, M.L.S.
Librarian, Life and Health Sciences Library

B.A., University of Nevada, Reno, 1963; M.L.S., University of California at Berkeley, 1964.

At time of appointment: Librarian, Life Sciences Library, University of Nevada, Reno.

Formerly: Librarian, Fresno County Library, Reedley Branch, and Washoe County Library.

Health Sciences Division Television Subsystem is Set for July 1 Activation

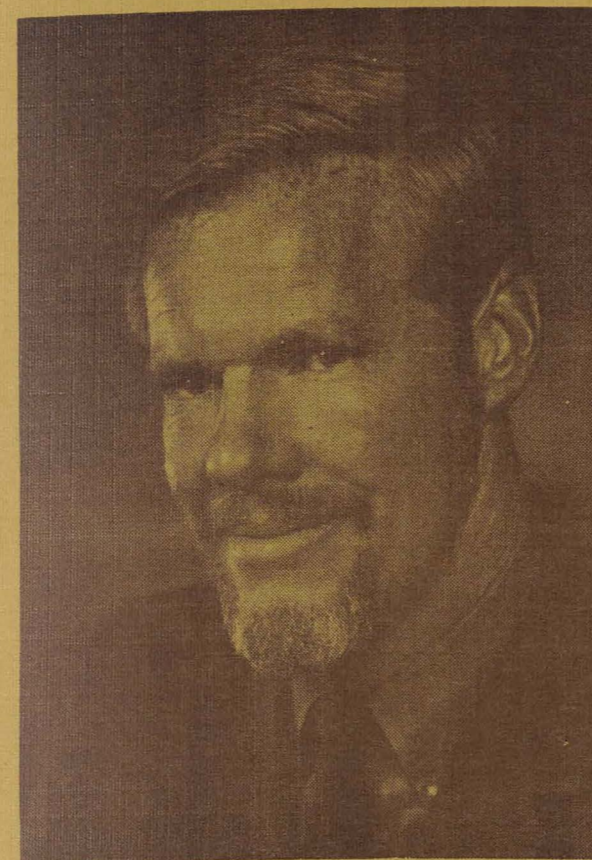
The television faculty, of the Inter-campus Nursing Education Project, has been established as a satellite television subsystem of Central Radio and Television, University of Nevada, Reno.

This has occurred as the result of many months of consultation with various advisory boards and experts in television methodology.

The television subsystem will be incorporated into the Educational Support Unit of the Health Sciences Division by July 1.

It is anticipated that the subsystem will create a climate for faculty experimentation with video taped learning experiences.

Health care today is the nation's second largest industry, both in terms of numbers employed and in dollars; by 1975 it will be the largest single industry in the United States.



David L. Roberts, M.D.
Associate Director, Clinical Division

B.S., 1953, M.D., 1956, both Northwestern University Medical School; internship, Evanston Hospital, 1956-1957; residency, internal medicine, Highland Community Hospital, 1957-1958 and 1962-1963; Veterans Administration Hospital, Oakland, Calif., 1960-1962.

At time of appointment: Private practice, internal medicine, Reno, since 1963; attending and consultation staff, St. Mary's Hospital and Washoe Medical Center, Reno; consultant in internal medicine.

Formerly: Member, Board of Directors, Nevada Cancer Society; director and consultant Mountain States Regional Medical Program; chief, Department of Medicine, and chairman, Continuing Education Committee, Washoe Medical Center; U.S. Army medical officer.

Receives Painting

Miss Nora Kawamura presented a painting, "The Happening," by the famous artist, Tagami, to the Orvis School of Nursing. Miss Kawamura has also given the school other works of art for the Orvis Lounge.

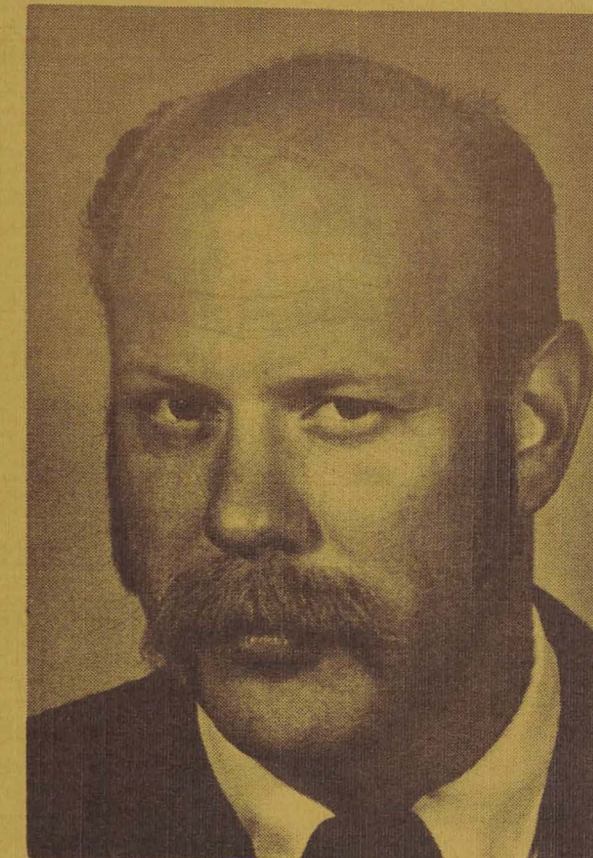
More knowledge in the health fields was produced during the 10 years from 1950 to 1960 than during all of previous time, and such knowledge is now being doubled every six years. Ninety per cent of drugs most commonly used today were unknown 10 years ago.

Charles B. Rose, Ph.D.
Asst. Prof. of Chemistry

B.S., Brigham Young University, 1960; M.A., 1963, Ph.D., 1966, both Harvard University.

At time of appointment: Assistant professor of chemistry and research associate, University of Nevada, Reno.

Formerly: Teaching fellow and instructor at Harvard University.



Mrs. Osborne Speaks At East Ely Meeting

In early November Mrs. Maurica Osborne, librarian of the Life and Health Sciences Library, accompanied a consulting group of health professionals in visiting the hospital complex at East Ely, by arrangement of the Mountain States Regional Medical Program (M.S.R.M.P.), Nevada Division.

Following a dinner meeting in the William Bee Ririe Hospital of the complex, she spoke briefly to the physicians and nurses on the resources in health sciences literature available statewide through the library as central agency.

The following day with Mrs. Ella Mae Peterson, R.N., the hospitals administrator, and Mrs. Louise Alcott, assistant director of M.S.R.M.P., Nevada Division, she discussed the prospect for a medical library in the hospital, to be linked with other libraries in the state by teletype.

The modern hospital, newly built through a Max C. Fleischmann Foundation grant, presently has an area designated for the medical library, and there is acting staff qualified to administer it.



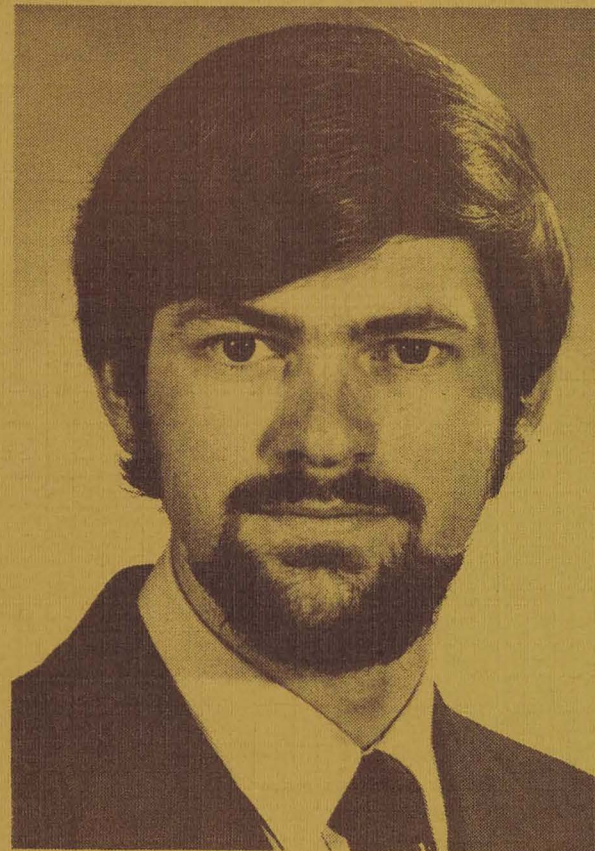
George T. Smith, M.D.
Dean, School of Medical Sciences

B.S., 1954 (*cum laude*), M.D., 1956, both University of Maryland; internship at the Royal Victoria Hospital, Montreal; hospitalship in pathology at the Vienna Academy of Medicine; residency in pathology at Peter Bent Brigham Hospital in Boston.

At time of appointment: Acting dean, School of Medical Sciences, and research professor of pathology, University of Nevada, Reno; board member, Western Interstate Commission for Higher Education, Intermountain Regional Medical Program, Davis Regional Medical Program and Pacific Southwest Regional Medical Library Service.

Formerly: Research fellow and teaching fellow in pathology, Harvard University; director of the Cardio-Pulmonary Pathology Laboratory, Peter Bent Brigham Hospital; associate pathologist at Harvard and Peter Bent Brigham; director of the Environmental Patho-Physiology Laboratory, Desert Research Institute; assistant director, Nevada Regional Medical Program; winner of the Career Development Award in Cardiovascular Pathology of the National Institutes of Health in 1964; U.S. Army medical officer and North Atlantic Treaty Organization consultant in preventive medicine and pathology.

Americans employed in health fields in 1966 numbered 2.8 million, 3.7 per cent of the labor force; today there are more than 3 million, and by 1975 there will be more than 4 million.



Daniel J. Tone, M.A.
Multi-media Specialist

B.A., Montana State University, 1967; M.A., University of Denver, 1968.

At time of appointment: Assistant professor and television production director, University of Nevada, Las Vegas.

Formerly: Radio and television station writer, announcer, cameraman, editor and director.

FIRST STUDENTS

(Continued from page 3.)

active duty in the armed forces, and eight are students at the University of Nevada, Reno.

The class includes four exceptional students, all of them Nevadans, who will be admitted to the study of medicine without having received their undergraduate degrees.

This, he said, is consistent with the plans of the new School of Medical Sciences to shorten the total length of time required to prepare a physician, in part by selecting the best qualified students and encouraging them to take work as undergraduates that otherwise would have to be offered in medical school at the graduate level.

Those four students are Kirk M. Gilmore, Reno; Larry M. Noble, Lovelock; Earl K. Plunkett, Las Vegas, and Craig Trigueiro, Reno.

The Admissions Committee was composed of the following persons, in addition to Dr. Fletcher:

Dr. L. Matthew N. Bach, School of Medical Sciences (SMS); Dr. Charlotte

Emile C. VanRemoortere, M.D.
Prof. of Physiology

Degree of Candidate in Natural and Medical Studies, (*summa cum laude*), 1941, M.D. (*summa cum laude*), 1945, both State University of Liege, Belgium.

At time of appointment: Head, Department of Cardiovascular Pharmacology, Union Chimique Belge (UCB, Pharmaceutical Division), Brussels. Speaks 12 foreign languages.

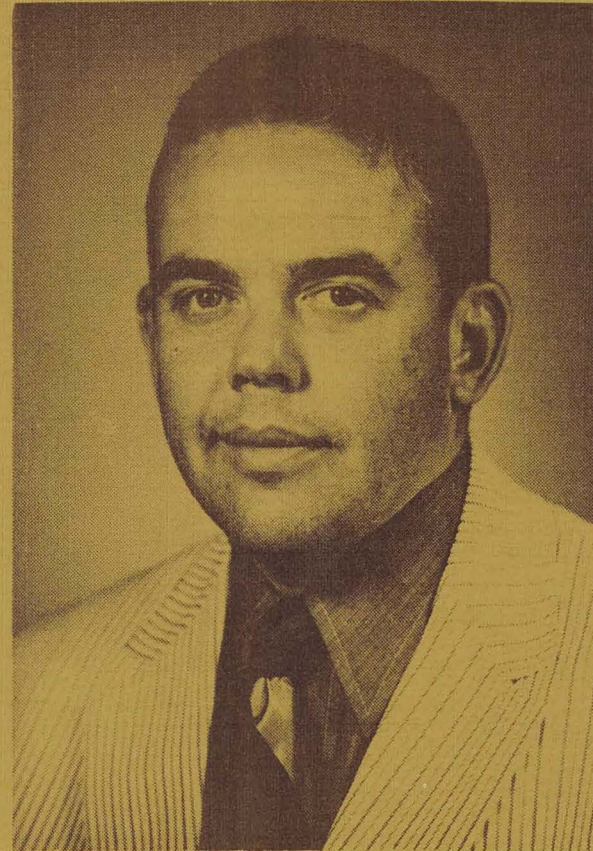
Formerly: Faculty member, University of Liege; graduate fellowship of the Belgian American Educational Foundation, New York; research fellow, Michael Reese Hospital, Chicago; faculty member and dean, Medical School, State University of the Congo.



B. Gale, Orvis School of Nursing; Dr. Joseph M. George Jr., Las Vegas physician; Dr. Gerald Ginsburg, Psychology Department chairman, UNR; Dr. Jack Knoll, Biology Department, UNR, and Dr. Richard H. Licata, SMS.

Others on the committee: Dr. Kenneth F. Maclean, Reno physician; Dr. John M. Read, Elko physician; Dr. Charles Rose, SMS; Dr. Jack Shirley, director of admissions, UNR, and Dr. Emile J. Van Remoortere, SMS.

From 100,000 to 130,000 more health workers must be prepared each year to meet minimum expanding needs in the nation. Health care services increased more than 26 per cent in the last five years, and are expected to increase by the same rate over the next year.



James A. Wilkerson III, M.D.
Assoc. Prof. of Pathology

B.A., Erskine College, 1954; M.D., Johns Hopkins University School of Medicine, 1958; postdoctoral work in pathology at the University of California at Los Angeles Medical Center.

At time of appointment: Assistant professor of pathology, University of Utah Medical Center, and chief, Laboratory Services, Veterans Administration Hospital, Salt Lake City, Utah; director, Intermountain Surgical Pathology Tissue Registry, Salt Lake City.

Nevada Population Is Set at 500,000

Nevada's population has been set at more than one-half million.

This is a landmark achievement that makes the state and public agencies within it eligible for additional federal assistance by virtue of attaining the minimum 500,000 population figure.

"The Bureau of the Census finds the population of the State of Nevada to be in excess of 500,000," Rep. Walter S. Baring, D-Nev., said he was told in a letter from the Bureau of the Census.

The state's population had been set at 488,738 earlier.

Baring said the new figure of more than 500,000 will be formally announced later and certified in July of this year.



Kamal S. Yacksan, Ph.D.
Visiting Lecturer of Anatomy

B.S., Birmingham Southern College, 1948; M.S., Vanderbilt University, 1951; Ph.D., University of Alabama at Birmingham, 1964.

At time of appointment: Special National Institutes of Health Postdoctoral Fellow, University of California at Davis School of Medicine.

Formerly: Faculty member, Randolph-Macon College, Auburn University and Alabama College, Montevallo; research associate at Florida State University, Tallahassee; research director of clinical chemistry at Holy Name of Jesus Hospital, and faculty member of the University of Alabama, Gadsden; research chemist, Reynolds Metals Co., Richmond, Va.

Educational Support Division Is Instructional, Productional

The Educational Support Division is the service division of the School of Medical Sciences, and is so organized that it draws resources from the School of Nursing, the Division of Health Sciences, and other schools and colleges of the university.

The Educational Support Division has two major operations, instructional and productional, as will be seen in the detailing of its functions.

First, the division is responsible for the development and implementation of in-service training for medical school staff and local clinicians and other health care professionals involved in instructional tasks.

This includes methods of evaluation of curriculum, evaluation of teaching and learning, as well as introduction to, and instruction in, the most modern teaching strategies and methodologies.

It further assists the instructional staff in the development of student learning consonant with the objectives of the school, particularly in providing methods which tend to insure the desired skills and attitudes in the students.

Second, the division is responsible for obtaining and giving assistance in the utilization of the most effective hardware and software available which genuinely enhances and economically expedites learning.

This includes the management of a radio-television subsystem, and technical and educational service for the multi-disciplinary laboratories and self-learning centers.

Assistance is rendered staff for fully exploiting the vast array of multimedia, including audio and video tapes, programmed learning, television for instruction and evaluation, films, slides, recordings, overlays, field experiences, and the like.

The Educational Support Division is available not only to staff on call for such services, but is ready to act consultatively at any time staff wishes to seek ways of improving present instructional quality.

In addition, the Educational Support Division serves by making available the latest information concerning the services mentioned, along with suggestions for enriching the on-going Health Sciences Instructional Program.

Finally, the division acts in a supplemental service role in curriculum development and programs of continuing education for community health care professionals.

Inquiries for assistance in any of the directions cited above should be made to the Educational Support Division located in Mackay Science Hall, Room 300C, telephone 784-6001. Dr. Dan L. Oppleman is director.

V.A. Chief Names Dean's Committee

The Veterans Administration Hospital in Reno, and the School of Medical Sciences have been tied more closely together by the establishment of the Dean's Committee for the hospital.

Dr. George T. Smith, dean of the School of Medical Sciences, heads the committee which is responsible for education, training and research activities, and staff appointments, at the hospital.

The committee was named by Dr. Marc J. Musser, chief medical director of the Veterans Administration, in Washington, D.C.

At the time of the appointment of the committee, Dr. Smith said the committee "will provide an opportunity to preserve and develop the potential for patient care, professional training and research which the Reno center affords."

And Dr. Merle Allen, director of the

hospital, said the affiliation will "be an asset to the hospital in attracting staff and in the procurement of funds for needed equipment, facilities and in other facets of operation, including improvement of patient care."

Sub-committees have been at work recently, auditing the resources of the hospital, particularly with respect to patient care and developing teaching ties with the School of Medical Sciences.

Dr. Glaser Opens Lecture Series

Dr. Robert J. Glaser, vice president of The Commonwealth Fund, will be the first speaker in a Health Care Lecture Series to be presented by the School of Medical Sciences.

Dr. Glaser, who until recently was vice president for medical affairs and dean of the School of Medicine at Stanford University, will speak at a luncheon on Tuesday, Jan. 12, in The Center, 1101 N. Virginia, adjacent to the campus.

Prior to the luncheon, between 9 and 11 a.m., those who attend are invited to visit the remodeled offices, laboratories and classrooms to which the School of Medical Sciences recently moved in Mackay Science Hall and the Mechanical Engineering (Anatomy) and Electrical Engineering Buildings.

Students will conduct guided tours of the buildings. And the rooms will be open for those who prefer to visit the areas on an unstructured basis.

Equipment to be demonstrated includes the new two-way television intertie between Washoe Medical Center and the university which links students and professors on the campus with patients and practitioners in the hospital.

This demonstration will be in the Mechanical Engineering (Anatomy) Building, continuously from 9 to 11 a.m. Other special events and exhibits are also planned for the morning.

Reservations for the 11:30 a.m. luncheon (\$2.85 including tax) may be made by calling or writing the School of Medical Sciences. The telephone number is 784-6001.

The luncheon will be at 11:30 a.m., instead of at Noon, in order to accommodate Dr. Glaser's schedule which requires him to leave Reno on a mid-afternoon airplane.

Library Grant Continues

The Life and Health Sciences Library has received a National Library of Medicine Resources Grant of \$8,541 for the current fiscal year.

This is the third year of a five-year grant. It is a declining grant beginning originally at \$15,000. It covers books, periodicals, binding and the teletypewriter installation and monthly rental.



PHYSICIANS' GIFT — The Physicians' Consulting Laboratories of Reno announced a gift of \$25,000 to the School of Medical Sciences — \$5,000 a year for five years. The first check was presented to Dr. N. Edd Miller (center), president of the University of Nevada, Reno, by Dr. John W. Callister (left) and Dr. V. A. Salvadorini, of the laboratories.

Physician's Consulting Laboratories Gives \$25,000 to Medical School

A group of Reno physicians gave \$25,000 to the School of Medical Sciences, in memory of the late Lawrence A. Parsons, M.D.

The gift — \$5,000 a year for five years — is from the Physicians' Consulting Laboratories of Reno, composed of seven pathologists.

They are Dr. V. A. Salvadorini, president; and Dr. John W. Callister, Dr. James W. Decker, Dr. Thomas E. Hall, Dr. Anton P. Sohn, Dr. James M. Tenney and Dr. Fred A. Laubscher.

Dr. Salvadorini and Dr. Callister presented the first check to Dr. N. Edd Miller, university president.

The physicians said the gift is to establish the Dr. Lawrence A. Parsons Memorial Chair of Pathology,

the first chair in the School of Medical Sciences.

Dr. Parsons, who was Nevada's first pathologist, came to St. Mary's Hospital in Reno in 1933, and was also pathologist at Washoe Medical Center.

Dr. Parsons, who traveled throughout the state to perform medical services and who was active in many medical and civic groups, died in 1966.

More doctors and "assistant doctors" are needed to deliver the benefits of increased medical knowledge to increasing numbers of patients. Thus, allied health occupations have increased from 25 to 250 in 10 years.