

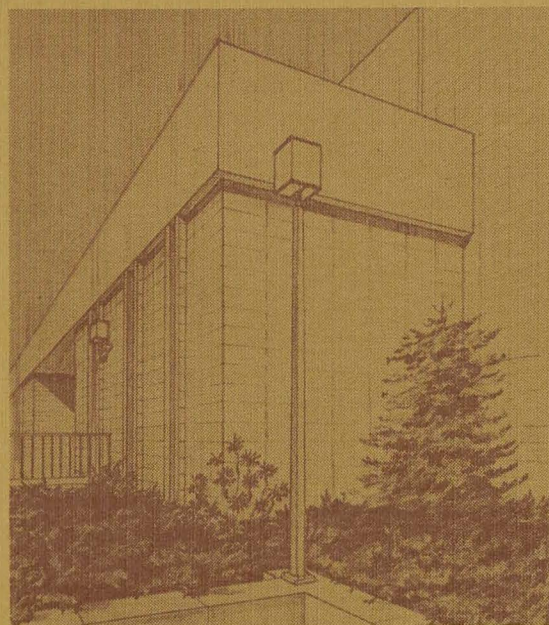
Health News

University of Nevada, Reno
Health Sciences Program
School of Medical Sciences

Vol. 2, No. 2

May 1971





The Cover

NEW BUILDING — Architect's projection of new Health Related Sciences Building. Story at right.

Health Sciences Programs Grow

Developments at the University of Nevada, Reno pursuant to Assembly Bill 130, enacted by the Nevada State Legislature in 1969, include the following:

1 — An inter-disciplinary *Health Sciences Program*, coordinated by the Health Sciences Council, is growing. Schools and colleges participating in the Health Sciences Program include the School of Medical Sciences, Orvis School of Nursing, College of Arts and Science, College of Agriculture, School of Home Economics, College of Education, College of Business, and College of Engineering.

2 — The *Division of Health Sciences*, responsible to the Health Sciences Council, was created to coordinate the degree programs in Medical Technology, Health Education, Physical Therapy and other courses as they are assigned to the Division in the future.

3 — The *School of Medical Sciences* was established, and has received "reasonable assurance" from the Liaison Committee on Medical Education of the American Medical Association and the Association of American Medical Colleges that the new school will be fully accredited. Final accreditation may be granted only after a school has graduated its first class. The first class to study in the Two-Year Medical Curriculum will enter the School of Medical Sciences in September of this year.

1972 Opening Date Set For New Health Building

Construction of the new Health Related Science Building is scheduled to be completed no later than the summer of 1972, in plenty of time for use starting in September of that year when the second freshman class in the Two-Year Medical Curriculum will enter.

The general contract for the million-dollar building was awarded to Johnson and Mape Construction Co. of Sacramento, Calif., by the Board of Regents at their April meeting.

This is the only new building that has been authorized by the Board of Regents in connection with the new Health Sciences Program and School of Medical Sciences. It is to be shared by the School of Medical Sciences and the College of Agriculture.

Construction of the building is funded from non-appropriated sources including grants from the National Institutes of Health, Department of Health, Education and Welfare, and the W. K. Kellogg Foundation.

The new one-story teaching and research facility north of Mackay Stadium will yield 24,120 square feet of floor space.

It will include laboratories, offices and seminar rooms. Latest teaching aids such as film and tape will be available in self-learning laboratories, designed for use by students at their individual speeds.

Terminals for access to computers and to facilities of the Pacific Southwest Regional Medical Library Service will be included.

Meanwhile, permanent headquarters for the School of Medical Sciences have been occupied by the new school in remodeled Mackay Science Hall.

Health News

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

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

Some School of Medical Sciences classrooms and laboratories are in the Mechanical Engineering (Anatomy) and Electrical Engineering Buildings, which also have been remodeled for the new school.

In addition, other 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, and including the Life and Health Sciences Library which is a joint effort of the School of Medical Sciences and the College of Agriculture.

Community medical facilities, not a university hospital of 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.

Orvis School of Nursing Receives Re-accreditation

The Orvis School of Nursing was advised early this month that their Baccalaureate Program in Nursing has been re-accredited by the National League for Nursing.

UNR Honor Roll Includes 24 Medical School Students

Twenty-four students in the school of Medical Sciences were named to the university-wide honor roll for the Fall Semester of 1970.

Seven of them have 4.0 (straight A) averages for the semester. A minimum average of 3.50 (B plus) is required for the honor roll.

All of the students are participants in the new Health Sciences Program which provides opportunity for entry into many health professions to include medicine.

The 24 School of Medical Sciences students on the new honor roll are in pre-medicine or medical technology.

It is expected that some students in those programs will later enroll in the new Two-year Medical Curriculum at UNR, after completion of which students will transfer to schools in other states that grant the doctor of medicine degree.

Others, said Dr. George T. Smith, dean of the medical school, are expected to complete degrees at UNR which will qualify them to enter directly into health professions other than as physicians.

Following is the list of School of Medical Sciences students on the Honor Roll:

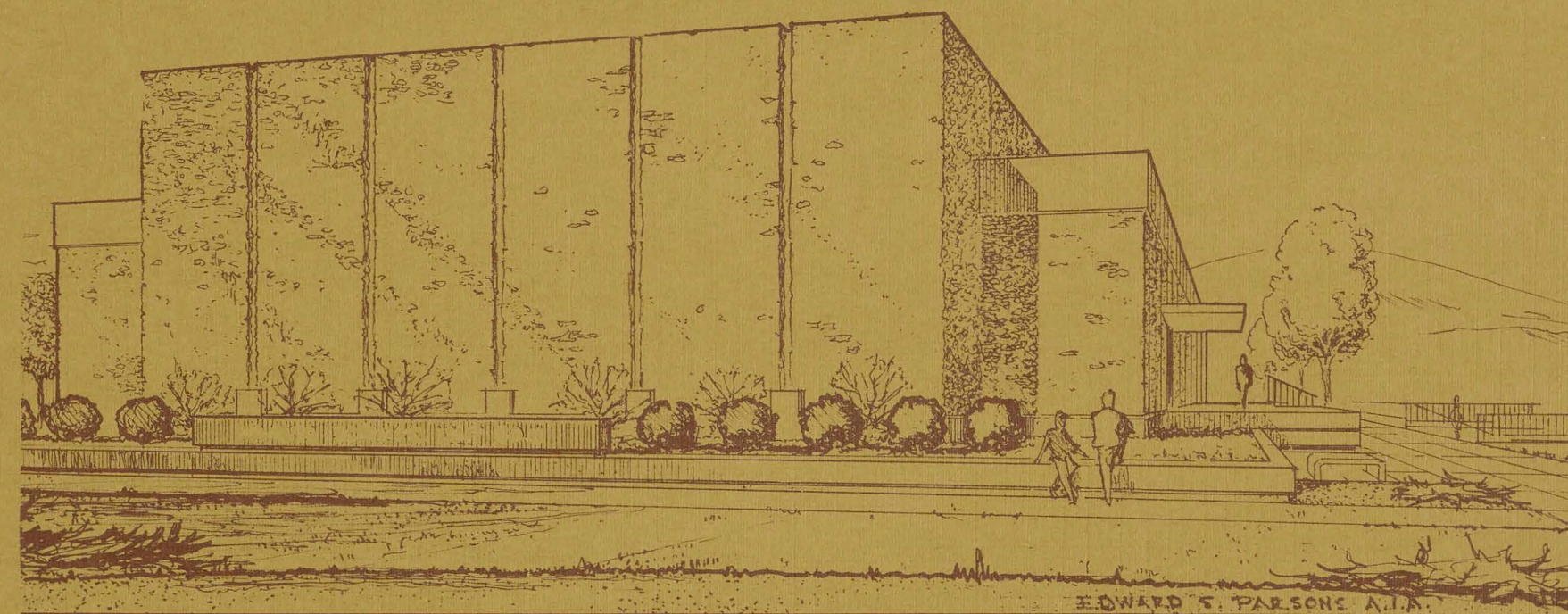
Valerie Constance Antone, Sr., Carson City, Medical Sciences. Peggy Garfinkle, Fr., Reno, Medical Sciences. John Marshall Erickson, Jr., Reno, Medical Sciences. Patrick Stedman Herz, Soph., Reno, Medical Sciences. Larry Michael Noble, Jr., Lovelock, Medical Sciences.

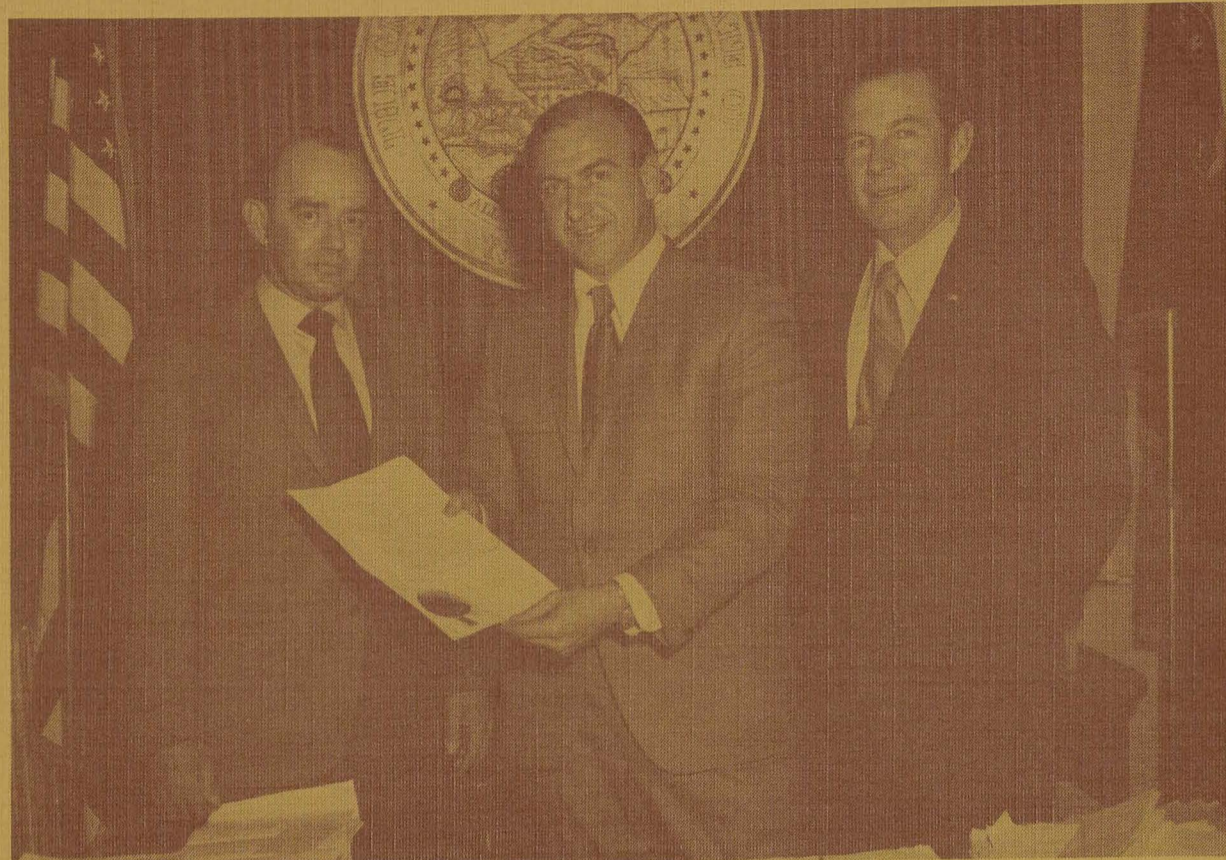
William Ross Tappan, Jr., Reno, Medical Sciences. Craig Anthony Trigueiro, Jr., Reno, Medical Sciences. Paul Anthony Bash, Fr., Sparks, Medical Sciences. Warren Richard Hallum, Fallon, Medical Technology. Richard Thomas Priest, Sr., Las Vegas, Medical Sciences.

Scott Brian Tucker, Jr., Reno, Medical Sciences. George Derek Elias, Sr., Las Vegas, Medical Sciences. Jane L. Triguero, Fr., Reno, Medical Sciences. Christine June Sweatt, Jr., Reno, Medical Sciences. Marguerite Van Remoortere, Soph., Reno, Medical Sciences.

Verle Duane Bohman, Soph., Sparks, Medical Sciences. Eugene Fong, Fr., Reno, Medical Sciences. Cathy Jo Cantrell, Fr., Reno, Medical Sciences. Dawn Elisabeth Diehl, Fr., Yerington, Medical Sciences. Neal James Nesbitt, Soph., Weed Heights, Nevada, Medical Sciences.

Sherwood Mead Dixon, Soph., Reno, Medical Sciences. Patricia Scrugha Slayton, Soph., Reno, Medical Sciences. Fred John Vonstieff, Soph., N. Las Vegas, Medical Sciences. Michael Leon Winn, Jr., Reno, Medical Sciences. Barbara Rose Ward, Soph., Reno, Medical Sciences.





FOR PHYSICIANS' ASSISTANTS — Gov. Mike O'Callaghan holds copy of Assembly Concurrent Resolution 31 that authorizes study of possibilities for Physicians' Assistants program. It was presented to him by Dr. V. E. Elliott (left) and Elko County Assemblyman Norman A. Glaser who introduced the resolution.

Legislature Authorizes Study of Physicians' Asst. Program

The Nevada State Legislature authorized a study that may lead to training and licensing of Physicians' Assistants (P.A.) to help relieve the state's shortage of doctors, especially in rural areas.

Assembly Concurrent Resolution 31 invites the study of allied health training programs and related laws in the United States, and a recommended program for Nevada.

The Resolution was delivered to Gov. Mike O'Callaghan by Elko County Assemblyman Norman A. Glaser (D-Halleck) who introduced the resolution, and Nevada State Medical Association President V. E. Elliott, M.D., of Fallon.

O'Callaghan, who had called during his campaign last year for the introduction of "MEDEX" or physicians' assistants in Nevada, encouraged and supported the Glaser Resolution.

It was adopted by the Assembly March 8, and by the Senate March 12, both by voice vote. It was returned to the Assembly and enrolled Tuesday, March 16.

The Nevada State Medical Association's Ad Hoc Committee on Physicians' Assistants Programs, which includes physicians and representatives of other health care professions and of the Uni-

versity of Nevada, also backed the resolution.

Dr. Kenneth F. Maclean, Reno surgeon, is chairman of that committee.

The committee is coordinating efforts of the light Nevada organizations invited by the resolution to "review jointly the existing allied health personnel training programs in the United States and the laws pertaining thereto, and recommend a program to meet the needs of the State of Nevada, to be presented to the 57th (1973) session of the Legislature."

Units named in the resolution are the Nevada State Medical Association, Board of Medical Examiners of the State of Nevada, Nevada Nurses' Association, Nevada State Board of Nursing, Nevada Hospital Association, Nevada Public Health Association, Health Sciences Council of the University of Nevada, Reno, and College of Allied Health Professions, University of Nevada, Las Vegas.

(The Health Sciences Program, School of Medical Sciences, Orvis School of Nursing and other health education programs at UNR are represented by the UNR Health Sciences Council.)

Dr. Elliott said that pursuant to the Resolution, questionnaires have been sent to Nevada physicians, nurses and hospital administrators as the first step in the study.

The questionnaires ask respondents whether they favor employment of P.A.'s, what types of responsibilities the assistants should have on the health care team, and how the current practitioners would regard the newcomers.

The president of the State Medical Association also explained that a thorough study is necessary before a program can be put into action because the role and required training of P.A.'s have not been defined, and because laws governing their licensure, certification, registration and liability must be clarified.

There were no known P.A.'s in the United States five years ago, Elliott said, but now there are more than 500. And there are at least 400 more enrolled in educational programs for P.A.'s. Many are former military medical corpsmen.

The Federal Civil Service Commission has established the job category of a "physicians' assistant" which means that this role will be filled in government hospitals and medical facilities, Elliott added.

North Carolina and Washington State were among the first to develop P.A. programs. The term "MEDEX," meaning extension of medicine and the doctor, was taken from the French for the University of Washington program.

Spokesmen for practitioners and educators now frown on the use of "paramedic" because they hold that the new practitioner is a professional member of the health care team and should not be called "para" anything.

The preferred terms are physicians' assistants (P.A.) or allied health personnel.

Dr. Van Remoortere Gets Appointments

Dr. Emile C. Van Remoortere, professor of pharmacology in the School of Medical Sciences, has been appointed to the Regional Advisory Group of the Mountain States Regional Medical Program, Western Interstate Commission for Higher Education.

He also has become a member of the Association for Medical School Pharmacology, as the representative of the University of Nevada, Reno.

Dr. Glaser Discusses Health Care

More health care professionals need to be educated, and their services need to be more efficiently distributed, a medical authority said in a Health Care Lecture at the University of Nevada, Reno.

Both are needed to meet the nation's health care "crisis," which is of "very substantial proportions," said Dr. Robert J. Glaser, until recently dean of the Stanford University School of Medicine.

Dr. Glaser, who is vice president of The Commonwealth Fund which gives much of its money to medical education and which has given \$418,000 to the new two-year UNR school, spoke under auspices of the School of Medical Sciences and Health Science Program.

The physician explained that modern medical science has developed comparatively recently — within about the last 100 years — and mostly more recently than that because of the knowledge explosion, and that there are expectations today that did not exist only a few years ago.

This has led to a public interest in health care "as a right, not a privilege," and has produced a "tremendous furor" that says every citizen is entitled to quality health care, at a time of exploding population.

The inability of health care professionals to meet that demand is "not because of bad will, but because the demand is beyond our capabilities. The problem is so great," he added, "that it behooves us to do something about it, and fast."

To meet that need, Dr. Glaser said, there are needed "creation of a more

efficient health care delivery system for all persons regardless of where they are or their circumstances, and education and training of enough health care personnel to man such a system."

The new UNR School of Medical Sciences "deserves real applause" Dr. Glaser said, for what it is doing to answer those problems. He added, "I am very impressed with the program here."

He particularly commended the innovative methods and the shortening of time required for medical education at the UNR and said he hopes "many others will see the wisdom of investing in this medical school," as The Commonwealth Fund has done.

Dr. Glaser complimented UNR officials for the federal, and foundation and other private funds that have been developed for the school and said, "I hope that start will be built upon" from more government and private sources.

He also said that "only the Federal Government has the kind of resources needed to really make a medical school go." He added that "while medical education tends to be expensive, the benefits far outweigh any investment therein."

But, Dr. Glaser noted, "there is a problem in getting across to people why



Phyllis B. Acosta, Ph.D.

this is important. This state and the country will benefit" from the new medical school.

One of the strongest arguments for medical and allied health care professional training in Nevada, he said, is that the state has never had more than 11 of its students in medical schools, and that the lack of opportunity has tended to "turn off" those who could have careers in medicine.

The speaker added a note of humor, when he remarked that as an officer of a philanthropic foundation who was formerly dean of a medical school, he has found that "it is more blessed to give than to not receive."

Dr. Acosta Co-authors Book on Retardation

"The Mentally Retarded Child and His Family," a book co-authored by Dr. Phyllis B. Acosta of the University of Nevada, Reno, has been released by Brunner/Mazel, publishers.

Dr. Acosta, a nutritionist in the School of Medical Sciences and School of Home Economics, was formerly director of Dietary Services, White Memorial Medical Center in Los Angeles. She joined the Reno faculty in September.

She worked with Richard Koch, M.D., James C. Dobson, Ph.D. and Elizabeth F. Wenz in writing two chapters of the book concerning metabolic factors in the causation of mental retardation and nutritional services available in the treatment and prevention of retardation.

Dr. Acosta, who has three children, has written numerous articles on nutritional development of normal and mentally retarded children. She has been a consultant for Children's Hospital of Los Angeles and a lecturer at California State College in Los Angeles. She also was assistant clinical professor in the Pediatrics Department of the University of California School of Medicine.

Listed in "Outstanding Young Women of America" in 1968, the professor was the first recipient of the Lydia J. Roberts Fellowship in Public Health Nutrition in 1967. She is also listed in "American Men of Science."

Medical School Enlarges First Class to 32 Students

There will be 32 students instead of 24 in the first class to study medicine at the University of Nevada, Reno, School of Medical Sciences.

The first class size had been previously announced as 24.

The eight additional students can be accommodated in the first class that starts next September because of plans for more flexible use of resources, and because it was correctly expected that by accepting more students the school would become eligible for certain Federal grants.

A recent Federal grant of \$399,555 to the School of Medical Sciences is principally to assist in increasing first-year enrollment beginning this fall, one of three criteria under which the new UNR medical school qualified for the money.

Other requirements that the school also met are (1) innovative and shortened medical education and curriculum, and (2) financial need.

Dr. George T. Smith, medical school dean listed the following expanded resources which make the enlargement of the first class possible:

The large number of outstanding applicants, increased curriculum flexibility, emphasizing problem-solving and self-learning; increased flexibility in the use of clinical and community health care facilities and preceptorships, and development of the Educational Support Division with its assistance to faculty accepting this increased teaching load.

Dean Smith also explained that leading criteria for Federal grants to medical schools include innovative teaching methods, shortening of the length of time required to prepare a physician and increasing the size of classes, all of which are being done at the new Nevada school.

He said that of some 1,000 applications for the first class, 130 were from Nevada. The Admissions Committee felt 44 of those were outstanding.

Dean Smith said: "Nevada has never had more than 11 students admitted to medical schools in any previous year. The number of students applying certainly indicates that a need for educational opportunities for young people exists in Nevada."

"We did not expect this number of applicants. As Dr. William Ruhe, chairman of the American Medical Association Council on Medical Education, stated: 'The experience in Nevada was similar to that in other areas of the country where new medical schools are started. When the opportunity is there, many more of the better students decide on medicine as a career.'"

All of the 32 students admitted to the first class are Nevadans. Eleven are from Las Vegas, 10 are from Reno, and eleven are from other parts of the state.

Plans are to admit at least 36 more students in September of 1972. Each year thereafter, 48 or more new students will be admitted.

Upon completion of the two-year medical curriculum, the students will transfer to universities in other states where the Doctor of Medicine degree is granted.

By selecting students for the two-year curriculum, who have completed work in the new UNR Health Sciences Program or elsewhere, that would otherwise have to be accomplished in medical school, and by innovative plans for the new school, the total length of time required to prepare a physician will be reduced.

Hundreds of students in the Health Sciences Program are preparing to become medical technologists, nurses, physical therapists and other types of health care professionals, who are needed to work with physicians.

The following list of students will be admitted to the first class to enter the

new two-year medical curriculum at the University of Nevada, Reno, in September of 1971:

From Caliente: Steven T. Dodge, 21, undergraduate student in biology at Washington University, St. Louis.

From Carson City: William J. Lloyd, 22, undergraduate student in zoology at the University of Nevada, Reno (UNR).

From Elko: Roger N. Anderson, 25, undergraduate student in zoology at Utah State University, and James A. Moren, 21, undergraduate student in pre-medicine at Yale University.

From Ely: Jay C. Chamberlain, 24, undergraduate student in zoology at Brigham Young University (BYU).

From Las Vegas: Michael Ashcraft, 21, undergraduate student in biology at Stanford University.

David J. Christiansen, 22, undergraduate student in political science at the University of Utah.

George D. Elias, 34, undergraduate student in pre-medicine at UNR, attended University of Nevada, Las Vegas (UNLV), Ohio State University and Sophia University in Tokyo, Japan. Former U.S. Army medical laboratory technician.

Grant K. Holland, 23, undergraduate student in pre-medicine at BYU.

George S. Manning, 29, captain in the U.S. Air Force in Thailand, and 1963 Utah State University graduate in zoology.

Wayne L. Manson, 23, undergraduate student in zoology at UNR.

Henry S. Nelson, 23, undergraduate student in zoology at BYU, also attended UNLV.

Edmund Pierczynski, 35, graduated from North Carolina State University.

2nd Medical Curriculum Class To be Admitted Next Year

Applicants for the second freshman class to be admitted to the Two-Year Medical Curriculum of the School of Medical Sciences are now being counseled.

Size of the class, to begin studies at the University of Nevada, Reno in September of 1972, is estimated at 36. There

are 32 students in the first class which enters in September of this year.

Earliest date for filing formal applications for the class entering in 1972 is July 1, 1971. Latest date is Dec. 31, 1971.

Inquiries should be directed to the Student Selection Committee, School of Medical Sciences, University of Nevada, Reno, Nevada 89507.

Earl K. Plunkett, 21, undergraduate student in zoology at BYU.

Richard T. Priest, 22, undergraduate student in pre-medicine at UNR, attended UNLV.

Thomas Rafferty, 22, a 1969 graduate in science of the University of Portland.

From Lovelock: Robert S. Bohi, 21, undergraduate student in pre-medicine at UNR, and Larry M. Noble, 20, undergraduate student in pre-medicine at UNR.

From Reno: Ronald E. Ainsworth, 24, undergraduate student in pre-medicine at UNR.

Walter Carr, 21, undergraduate student in pre-medicine at UNR.

Kirk M. Gilmore, 22, undergraduate student in chemistry at the University of Utah.

Michael G. Kinnison, 28, captain in the U.S. Air Force, at Bellevue, Neb., and a 1966 UNR graduate in zoology.

Vincent H. Knauf II, 22, graduated from UNR in chemistry, graduate student in biochemistry at UNR.

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

Mark A. Rhodes, 20, undergraduate student in zoology, UNR.

Larry D. Sander, 25, graduated in zoology from BYU, graduate student in biochemistry at UNR.

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

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

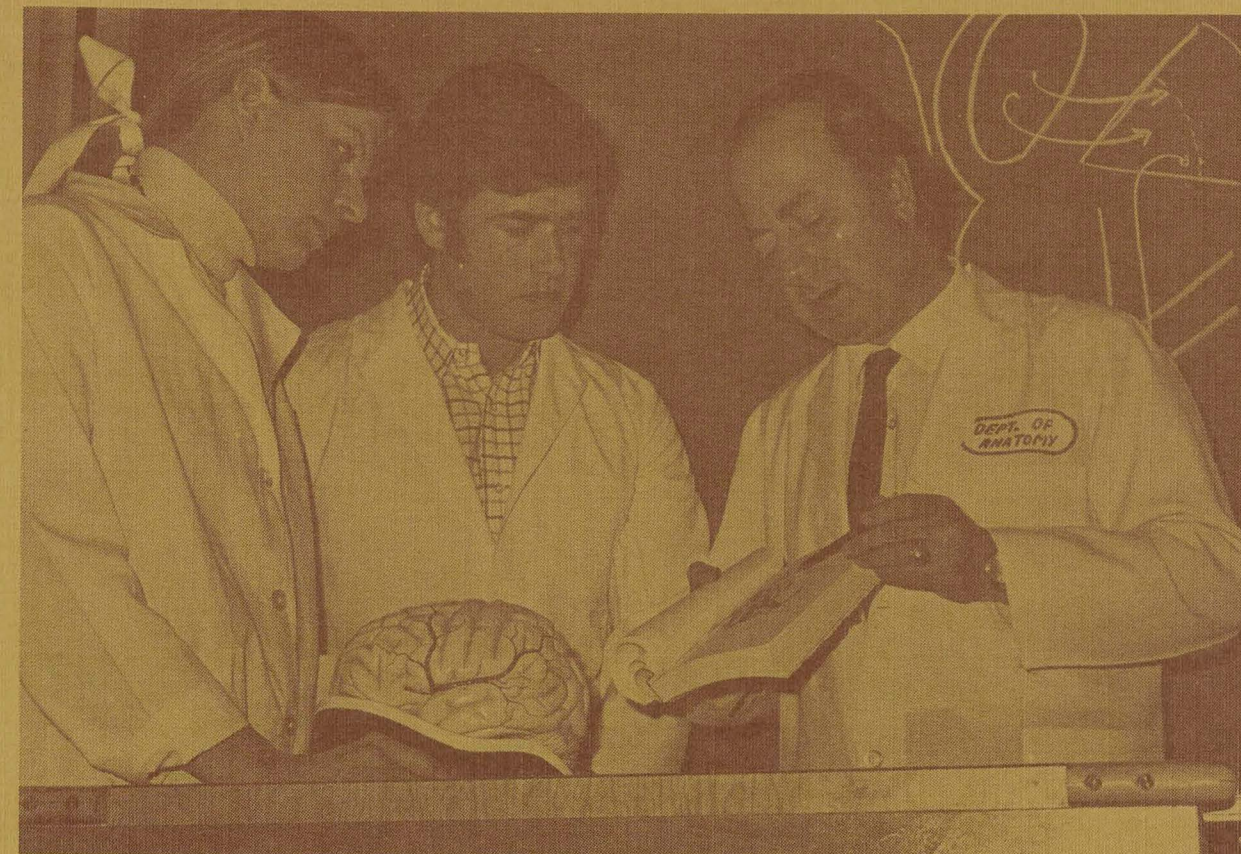
From Sparks: John W. Mills, 29, graduate student in zoology at UNR, and Michael R. Natalineo, 25, lieutenant in the U.S. Army in Vietnam, and a 1968 UNR pre-medicine graduate.

From Stateline: Henry M. Prupas, 22, undergraduate student in pre-medicine at UNR.

From Virginia City: Patrick J. Colletti, 23, graduate student in biology at UNR.

Bach Re-named

Dr. L. Matthew N. Bach, director of the Division of Basic Sciences of the School of Medical Sciences, has been named to a second term as editor of "Proceedings" of the Society of Experimental Biology and Medicine.



NEW BOOK — Dr. Richard H. Licata points to illustration in his new book, for students Robert France and Suzanne McNamara.

Dr. Licata Authors Textbook

A programmed problem-solving text in neuroanatomy, written by a University of Nevada, Reno professor has been published.

Dr. Richard H. Licata is the author of "Symptoms, Lesions, Syndromes of the Head and Neck," published by Commonwealth Monographs of San Francisco.

Dr. Licata is director of curriculum and medical research of the UNR School of Medical Sciences.

He said the book is a text designed to help medical students learn neuroanatomy of the head and neck. A second volume, dealing with neuroanatomy of the trunk and extremities, is due to be published this fall.

The material in this book is presented in a series of problem-solving situations represented by case histories. The student is given the symptoms. Then, from his knowledge of the nervous system and its possible disorders, he is expected to arrive at diagnosis.

The book is designed to be used by students who have taken a prior course in neuroanatomy or are simultaneously studying neuroanatomy.

The text attempts to help the student develop recall of neuroanatomical facts and hopes to further the development of competent and responsible clinical judgment during their undergraduate training.

Nevada Library Uses Union Reference List

In early May, the Life and Health Sciences Library received a teletyped request from UCLA Biomedical Library, to send "Psychiatric Disorders of Childhood," by Charles Shaw, to the Medical Center Library of the University of Arizona.

This is the first application in Nevada of the Union List of Biomedical Monographs, a project that originated through the Pacific Southwest Regional Medical Library Service.

Every month fifteen biomedical libraries in the region send to UCLA a master entry card for each new title added in the individual library, bearing a code stamp-mark to show the library owning the volume.

When an agency or individual requests a title not available at UCSF or UCLA, the request is referred to the nearest library shown to have the title, and the volume is sent directly.

Through this procedure there is a large saving of time formerly spent in communicating between libraries for wanted material, and the volumes reach users with little delay.

Dr. Deisher Succeeds Dr. Phillips

Dr. Joseph B. Deisher has accepted the position of Nevada director for the Western Interstate Commission for Higher Education (WICHE) Mountain State Regional Medical Program (MS/RMP), Dr. Alfred M. Popma, regional director, Boise, Idaho, announced. Dr. Deisher succeeds Dr. Lorne B. Phillips, who has retired.

The MS/RMP, encompassing Nevada, Idaho, Montana and Wyoming, is the second largest of the 55 Regional Medical Programs in the nation. Nevada offices are at 956 Willow St., Reno, and in the new Department of Education, Southern Nevada Memorial Hospital, Las Vegas.

"Dr. Deisher is eminently qualified to continue efforts already under way in Nevada, and to help initiate additional programs, where indicated, to assist health professionals in perfecting their skills in patient care," Dr. Popma said.

Nevada operational programs currently funded by MS/RMP include: Community Consulting Teams for Rural Hospitals, Cardiac Care Training, Inhalation Therapy Training, Continuing Education for Nurses, and the Rocky Mountain States Cooperative Tumor Registry.

Since 1968, the new director has been associated with the Appalachian Regional Hospitals in southeastern Kentucky, as director of education, and as a member of the consulting staffs of several hospitals. He also was clinical assistant professor of community med-

Orvis School of Nursing Directs Regional Program

A five-year Federal grant has been received by the Orvis School of Nursing for the development and implementation of a Master's Program in Nursing on a regional basis, involving the University of Nevada, Las Vegas and nine colleges and universities in Northern California.

It is hoped that the O.S.N. Graduate Program in Nursing will be started in the Spring Semester, 1972. Without State funds the program will be initiated by using regional faculties and facilities.



Joseph B. Deisher, M.D.

icine, a member of the Family Practice Committee at the University of Kentucky School of Medicine, and was coordinator for the Student American Medical Association Summer Appalachian Program for Kentucky.

A native of New York State, he is a graduate of Franklin and Marshall College, Lancaster, Pa. (Phi Beta Kappa), earned his M.D. degree at the University of Rochester School of Medicine and Dentistry, Rochester, N.Y., and interned at Charity Hospital, New Orleans, La. During the academic year 1967-68, he earned his master's degree in education at the University of Illinois Medical Center, in Chicago. He is a Diplomate of the American Board of Family Practice.

During WWII he was flight surgeon with the 446th Bomb Group in England, and later was a private general practitioner in Windsor, Col., and in Seward, Alaska, before accepting an assignment in the Marshall Islands as medical officer, Trust Territory of the Pacific Islands, and chief of professional services, Trust Territory Rehab Center, Majuro, from 1965 to 1967.

He holds memberships in numerous medical organizations, including the American Academy of Family Practice, the AMA, Association of American Medical Colleges, Association for Hospital Medical Education, and the Society of Teachers of Family Medicine.

He also is active in community affairs, has served as scoutmaster and deputy commissioner for the Boy Scouts, and president of the Seward Chamber of Commerce. Dr. and Mrs. Deisher and teen-age daughter Tashna, live in Reno. They have three grown sons: Joseph, Jon and Philip.

Recent Grants, Gifts For Medical School

Recent grants and gifts to the School of Medical Sciences, University of Nevada, Reno include the following:

Federal Government, Department of Health, Education and Welfare: \$399,555 for increasing the number of students studying medicine at Nevada, for innovative and shortened medical curricula and for financial need; \$35,679 for basic program improvement.

Fraternal Order of Eagles, Max Baer Heart Fund, \$10,000 for heart research.

American Medical Association Education and Research Foundation, \$3,328.94.

Dr. Lorne M. Phillips Foundation, \$3,000, for dean's office furnishings and Regional Medical Program.

Mr. Carroll H. Flagg and Mrs. Florence Billingshurst Flagg, \$1,000, unrestricted.

Friends of Peter Frandsen Memorial Trust Fund, approximately \$1,000 for Life and Health Sciences Library.

Joseph Grant, M.D., Bayport, N.Y., \$5,000, for scholarships.

Mrs. Osborne At Sacramento Meeting

Mrs. Maurica Osborne, librarian of the Life and Health Sciences Library, attended the joint meeting of Medical Library Groups of Arizona, Nevada, Northern and Southern California at Sacramento in early April.

She spoke on the development of the library as a resource for the university body and for health professionals throughout the state.

She credited the Pacific Southwest Regional Medical Library Service with having produced, over and above its excellent back-up in library resources, the impetus for association and cooperation among medical library personnel statewide who had hitherto been barely acquainted.

The result may well be a "medical library group" for Nevada, which has no organization of this type at present.

Dr. Fletcher Speaks

Speaking engagements of Dr. Dean C. Fletcher, director of student affairs of the School of Medical Sciences, during the Spring Semester included the Nevada State Seminar on Drug Abuse in Reno, January 18-19.

Medical School Hosts Western Hospital Group

The Western University Hospital Teaching Hospital Council meeting in Las Vegas, April 22-23, was hosted by the School of Medical Sciences.

The meeting, first for the council in Las Vegas, was attended by representatives of approximately 20 institutions. It was chaired by Philip J. Gillette, School of Medical Sciences administrative assistant.

Gillette, and Dr. Thomas Scully of the School of Medical Sciences faculty, presented papers at the meeting.

The council session was preceded by the meeting of the Western Hospital Association, April 19-21, which had 6,500 registrants. It, also, was the first time that the association had met in Las Vegas.

Medical School Tuition Approved

Tuition for the School of Medical Sciences has been established at \$250 for Nevada residents and \$750 for non-residents, per semester.

This is more than the regular tuition of the university, which is \$130 for residents and \$400 for non-residents, per semester.

Tuition for the School of Medical Sciences is higher because, generally, medical education costs more than most other programs and, specifically, there are many "start-up" expenses such as purchase of microscopes.

The tuition schedule was approved by the Board of Regents at their February meeting.

Dr. Rose Chairs Meet

Dr. Charles B. Rose will chair a session at the Northwest Regional Meeting of the American Chemical Society in June at Montana State University, Bozeman.

At this meeting Dr. Wayne P. Duncan and Dr. Rose will present a technical paper entitled, "Studies on the Nature of Vitamin B6 Intermediates."

AMA Fund Gives To Medical School

A \$3,328.94 donation has been made to the University of Nevada, Reno School of Medical Sciences by the American Medical Association (AMA) Education and Research Foundation.

Dr. V. E. Elliott of Fallon, president of the Nevada State Medical Association, presented a check for the amount to Dr. George T. Smith, dean of the School of Medical Sciences, noting that "the funds may be used at your discretion, for whatever projects you determine to be in the best interest of your school."

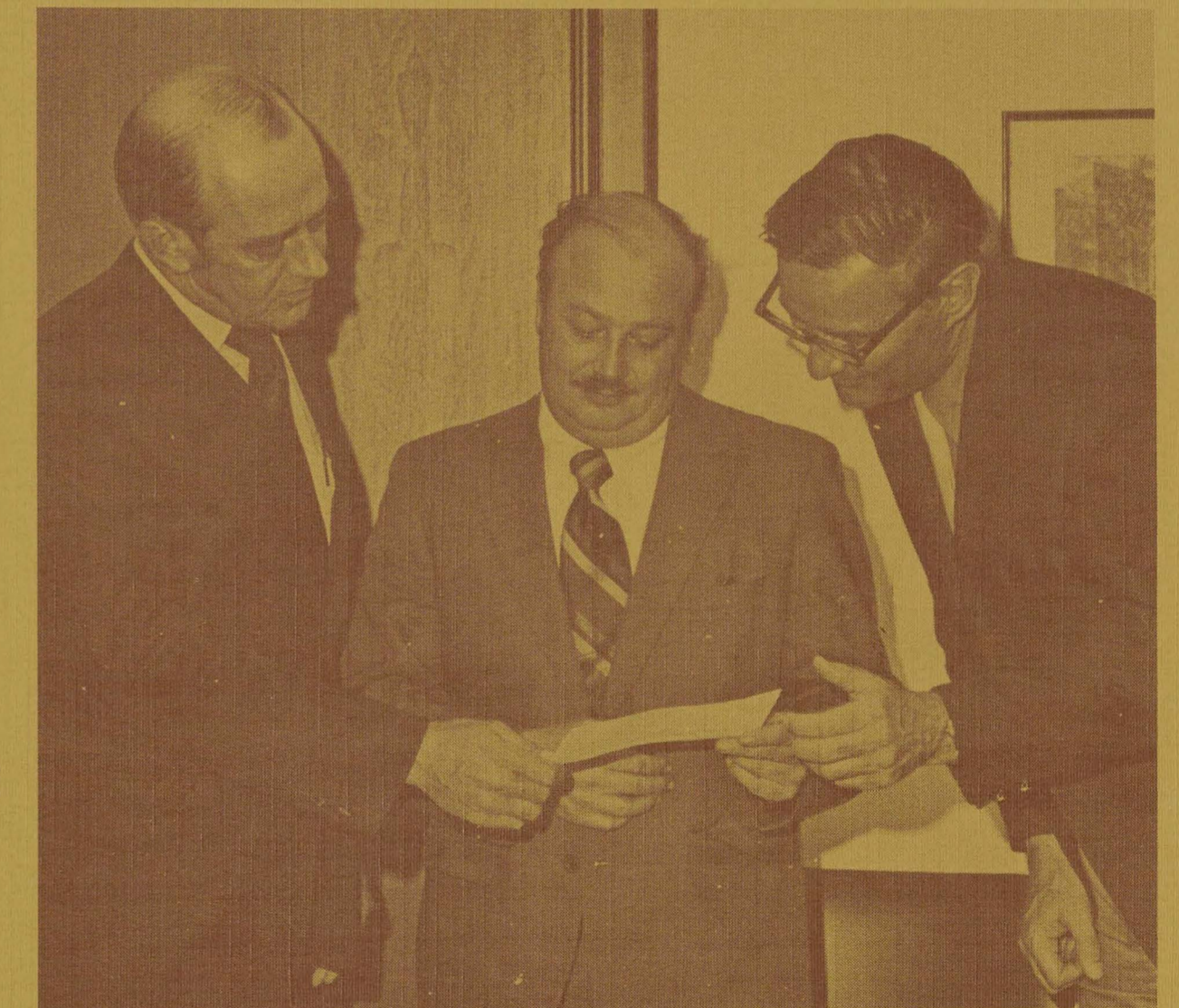
Since 1967, Nevada physicians have individually contributed \$5,403 to the School of Medical Sciences. In addition, another \$150,000 has been donated for books. In 1970 the AMA Education and Research Foundation contributed \$2,595.90 to

the medical school.

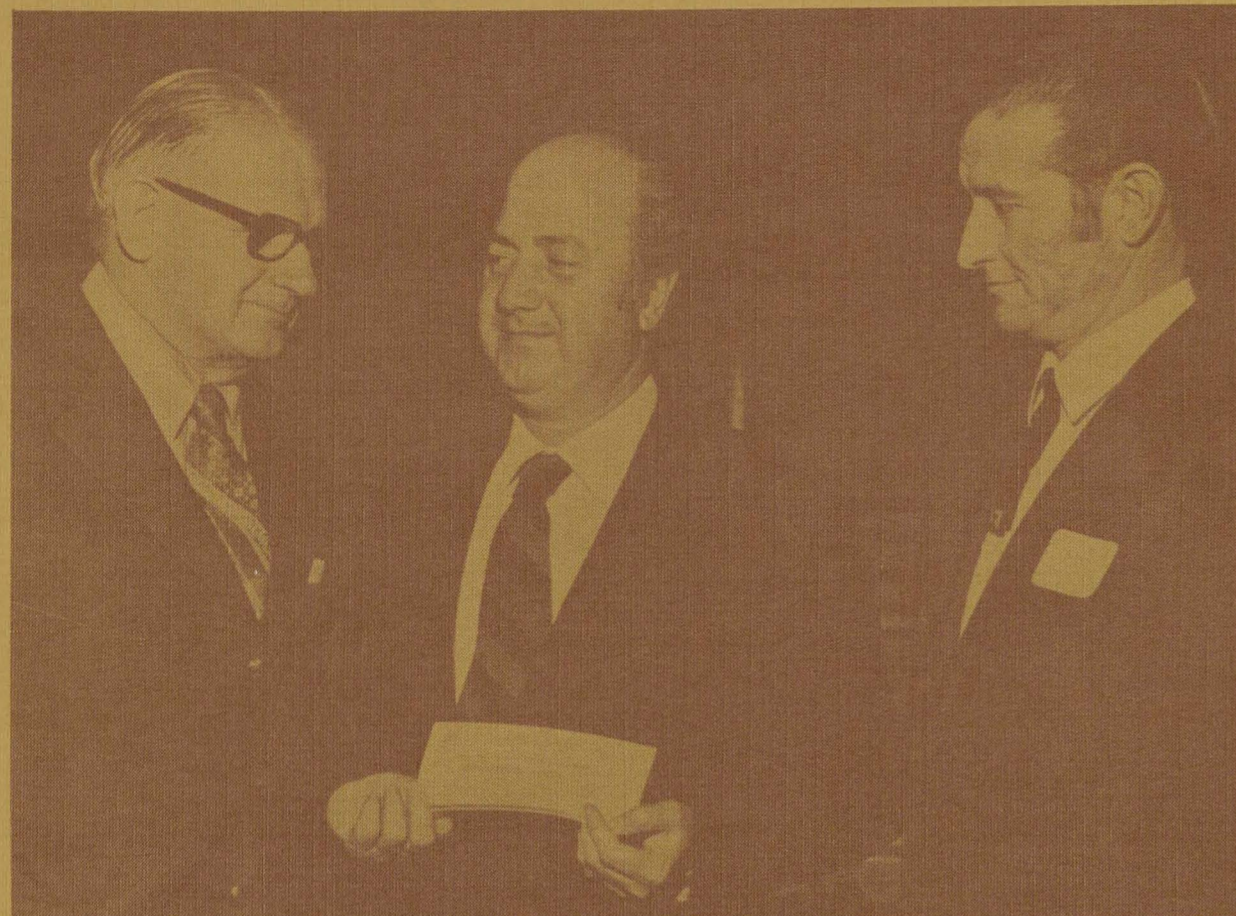
In accepting the donation, Dr. Smith commented: "The School of Medical Sciences sincerely appreciates the support given by Nevada physicians and the American Medical Association in the past, and hopes for continued support of the medical school and Life and Health Sciences Library. Both have benefitted greatly."

The grant is part of \$955,725 contributed in 1970 by physicians, their wives, medical societies and other sources through the AMA Education and Research Foundation to medical schools in the United States and Canada.

Since 1960, the AMA Education and Research Foundation has donated more than \$12 million nationwide.



GIFT FROM DOCTORS — Dr. V. E. Elliott, Fallon physician and president of the Nevada State Medical Association (left), presents check to Dr. George T. Smith, School of Medical Sciences dean, and Dr. James T. Anderson, university vice president.



EAGLES' GIFT — Michael T. Gaffney, national director of Max Baer Heart Fund of the Fraternal Order of Eagles, presents check to Dr. Richard H. Licata of School of Medical Sciences. Robert J. Welty, Nevada Eagles president, arranged the presentation.

Dr. Van Remoortere Publishes Papers In Foreign Lands

Two scientific papers by Dr. Emile C. Van Remoortere, professor of pharmacology in the School of Medical Sciences, have been published in foreign countries.

He was co-author, together with former Belgian associates D. Wellens and A. Casulo, of a paper read at the 38th meeting of the Association des Physiologistes in Brno, Czechoslovakia, last summer.

The communication, in French, was entitled: "Anti-arrhythmic agents and sympathetic stimulation of the vas deferens."

In this series of experiments, isometric contractions of the isolated vas deferens (guinea-pig) were evoked by electrical stimulation of the hypogastric nerve or by the addition of norepinephrine to the organ bath.

The paper describes the inhibition of potentiation of these contractions by anti-arrhythmic agents belonging to several chemical or pharmacological classes.

Another paper by Dr. Van Remoortere, "Vulnerability of Premature Beats to A.C. Stimuli of Long Duration," was published by "Acta Cardiologica," the journal of the Belgian Society of Cardiology.

This paper describes the increased propensity to ventricular fibrillation (measured by the fibrillation threshold to synchronized A.C. stimuli) observed after experimental premature beats of different types.

Directory Includes Dr. Dean Fletcher

Dr. Dean C. Fletcher, director of student affairs of the School of Medical Sciences, has been selected as a biographee in "Two Thousand Men of Achievement."

He is also listed in "Who's Who in America" and is an advisory member of the Marquis Bibliographical Library Society.

Dr. Fletcher is also listed in "The National Register of Prominent Persons."

Mrs. Osborne Attends L.A. Library Meeting

The annual meeting of the Advisory Committee for the Pacific Southwest Regional Medical Library Service, in Los Angeles March 19, was attended by Mrs. Maurica Osborne, librarian of the Life and Health Sciences Library at the University of Nevada, Reno.

She attended at the request of Dr. George T. Smith, dean of the School of Medical Sciences, who asked her to substitute for him at the session.

Mrs. Osborne reported on the new AIM-TWX installation at the University of California at Los Angeles Biomedical Library, through which numerous and involved citations are received on request for subject searches from an off-campus data bank in a matter of seconds.

This service, she said, will be more heavily relied upon than traditional reference searching, and will be a strong back-up for the biomedical libraries in the region, which includes the UNR libraries.

Eagles Make \$10,000 Grant

A \$10,000 research grant has been given to the School of Medical Sciences at the University of Nevada, Reno by the Fraternal Order of Eagles.

Robert J. Welty of Reno, Nevada state president of the Eagles, announced the grant by the Eagles Max Baer Heart Fund.

Dr. Richard H. Licata, director of medical curriculum and research for the Nevada medical school, said the money will be used for heart research, in the development of a new design for an artificial pace-making system.

He accepted the check from Welty and Michael T. Gaffney of Milwaukee, national director of the Max Baer Heart Fund, at the Western regional Eagles meeting in Las Vegas in February.

Presentation of the grant was duplicated at the 69th anniversary dinner-dance of the Reno Aerie No. 207 of the Fraternal Order of Eagles, at the lodge hall on Homegarden Drive, later in February.

Welty said the fund has contributed some \$5 million to heart research since it was established 10 years ago. The \$10,000 grant to the UNR School of Medical Science is the first Max Baer Heart Fund Grant in Nevada, Welty said.

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 interdisciplinary blend for development of professional health care teams.

Dr. Acosta Presents Scientific Papers

Dr. Phyllis B. Acosta, associate professor of nutrition in the School of Home Economics and the School of Medical Sciences, presented several scientific papers during Spring Semester.

"Cultural Determinants of Food Habits in Children of Low-Income Mexican-American Parents in California" was her topic at the Workshop on Child Feeding Practices in the United States, at Arlie House, Warrenton, Va.

Dr. Acosta took part in a seminar on "Galactosemia: Biochemical and Clinical Aspects," at Oregon State University.

She also spoke at the Seventh General Medical Conference, Collaborative Study of Children Treated for Phenylketonuria, at Vail, Colo.

And, Dr. Acosta took part in Clark County inservice training program on nutrition, and spoke on Hyperinsulinism at the Nevada Dietetic Association.

Dr. Van Remoortere Speaks

Dr. Emile C. Van Remoortere, professor of pharmacology of the School of Medical Sciences, was guest speaker for the 21st Annual State Convention of the Nevada State Pharmaceutical Association in Reno last fall. He spoke in the Mapes Hotel during the convention, Sept. 26-27.



Robert A. Manhart, Ph.D.
Chairman, Electrical Engineering Department (Campus-wide department.)

B.S., 1945, Rose Polytechnic Institute, Terre Haute, Indiana; M.S., 1947, University of Illinois, Urbana; Ph.D., 1961, Stanford University.

At time of appointment: Professor and chairman of the Department of Electrical Engineering, University of Nevada, Reno. Teaching fields include network analysis and synthesis, and fast pulse techniques. Research interests include picosecond pulse systems, superconductors, and cryogenic electronics. Consultant on fast pulse systems and medical electronic instrumentation and education.

Formerly: Head, Electronics Department, Research and Development Division, New Mexico School of Mines; associate professor of electrical engineering, University of Arizona, Tucson, and Arizona State University, Tempe. Engineer, Radio Corporation of America, Camden, N.J.; North American Aviation, Inc., Inglewood, Calif.; Bell Aircraft Corp., Niagara Falls, N.Y.; Motorola Research Division, Phoenix, Ariz.; Lawrence Radiation Laboratory, and Sandia Laboratories, Livermore, Calif., and Los Alamos Scientific Laboratory, Los Alamos, N.M. Supervisor, Electronic Instruments Group, California Research and Development Co., Livermore, Calif., and California Research Corp., La Habra, Calif. Senior Scientific specialist, Edgerton, Germeshausen and Grier (EG&G) Inc., Las Vegas.

Member: Tau Beta Pi, Sigma Pi Sigma, Sigma Xi, Sigma Tau, Phi Kappa Phi, Senior Member of the Institute of Electrical and Electronics Engineers, American Society for Engineering Education, National Society of Professional Engineers.

University Offers Speakers Bureau

Several faculty members of the School of Medical Sciences have agreed to give programs for service clubs, school groups and other organizations.

Most of the faculty participating in the Speakers' Bureau will give either scientific or general interest talks, depending on the type of audience and the program requested.

Most of these programs available from the School of Medical Sciences will be listed in the Speakers' Bureau portion of the General University Extension handbook scheduled to be issued next fall.

Speakers may be requested through the General University Extension Bureau or through the School of Medical Sciences, University of Nevada, Reno.

Dr. Bach Presents Papers, Speeches

Dr. L. Matthew N. Bach, director of the Division of Basic Sciences, School of Medical Sciences, has given numerous papers for scientific groups, and talks for lay groups, during Spring Semester.

"Analysis of Correlates Between Levels of Consciousness and Activity of the Central Nervous System" was the topic of his paper for the International Symposium on Hibernation-Hypothermia IV at Snowmass (Aspen) Colo.

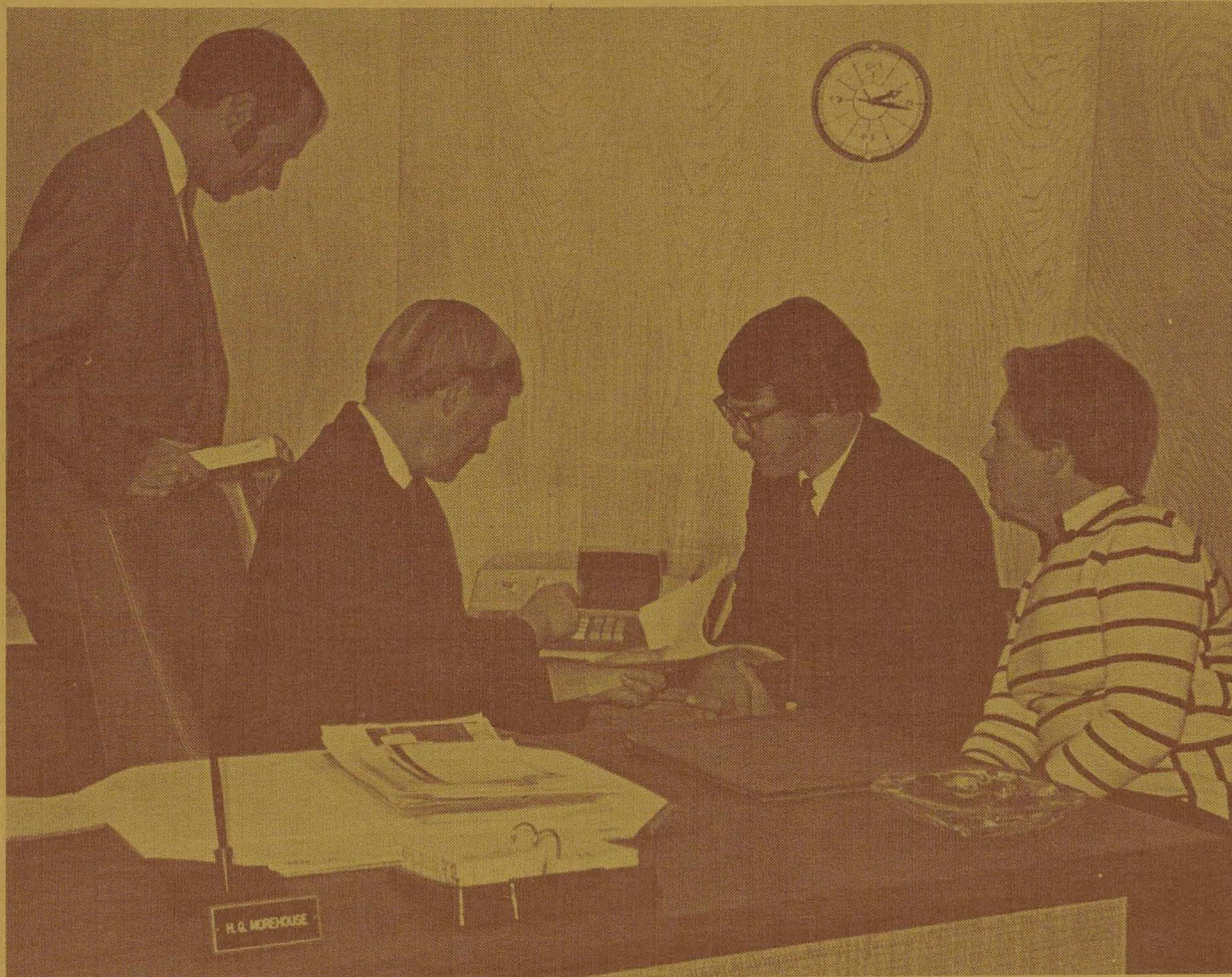
Dr. Bach's paper on "Innate Processes in Behavioral Movement" was read at the Symposium on Efferent Organization and Intergrative Behavior" at Tulane University, New Orleans.

His speaking engagements in Reno have included the following:

Dental Staff, Washoe Medical Center, Mt. Rose Lions Club, Ponderosa Hotel, and Department of Psychology, University of Nevada, Reno.

Dr. Altrocchi Speaks

"Attribution of Hostile Intent" was the topic of a colloquium given for the Department of Psychology, University of Nevada, Reno, by Dr. John C. Altrocchi in February. He is professor of psychology in the School of Medical Sciences.



LIBRARY OFFICERS — Calculating increasing inter-library loans and requests for regional service for health professionals through the Life and Health Sciences Library at the University of Nevada, Reno, are (from left to right) Joseph J. Anderson, Nevada state librarian; Harold G. Morehouse, university director of libraries; Nelson J. Gilman, regional medical library official, and Mrs. Maurica Osborne, UNR librarian.

Library Cooperation Increasing

There has been "extensive cooperation" between library agencies in Nevada this past year towards implementing continued education for health professionals, a regional library official said in Reno recently.

Nelson J. Gilman of Los Angeles, associate director of Pacific Southwest Regional Medical Library Service, spoke to University of Nevada, Reno faculty and Nevada State Library members.

He cited the large increase in inter-library loans of books and in furnishing photo-copied articles from biomedical journals for the use of health professionals. Gilman said this was accomplished directly by communication among libraries within the state.

In addition, he said, there was a three-fold increase last year in requests to the regional service for material not available in Nevada libraries, which were expedited by teletypewriter and which were filled in an average of one and one-half days.

Access to the regional network of medical and related collections is pro-

vided through the Life and Health Sciences Library at the University of Nevada, Reno. This facility is being expanded under auspices of the School of Medical Sciences and College of Agriculture.

The renaming of the library and availability of access to the regional service were announced in January last year.

Another benefit of the system, Gilman said, is the economy resulting from cooperative arrangements among the Nevada libraries to complement their holdings and to forego subscribing to biomedical journals already held in other libraries of the state.

Nurse League Meets

Dean Marjorie J. Elmore and Dr. Alene Dickinson represented Orvis School of Nursing at the Annual National League for Nursing Convention in Dallas, Tex., May 6-9. Elected by the student body to attend the meeting were Robin Evey and Deborah Tracy.

Dr. Brown Gets Honorary Degree

A faculty member of the School of Medical Sciences at the University of Nevada, Reno has been selected to receive the honorary degree of Doctor of Laws from Tuskegee Institute in Alabama.

He is Dr. Russell A. Brown, distinguished professor of microbiology of the University of Nevada, Reno School of Medical Sciences. The degree was awarded May 16 at Tuskegee.

Dr. L. H. Foster, Tuskegee president, said Dr. Brown will be honored for his "many and varied contributions to higher education," especially his work with viruses and other research in the biological sciences.

Dr. Brown was formerly vice president of Tuskegee and director of the Carver Research Foundation at Tuskegee, where he pioneered in the preservation of animal cells by liquid nitrogen refrigeration.

He is known among medical scientists for his research in viruses, cell and tissue culture, having participated in the development and testing of the Salk Vaccine for Polio and in cancer research.

Dr. Brown was at Tuskegee for 34 years, including some 15 years in administration and research. He received his Bachelor of Science degree from Howard University, and his Master of Science and Doctor of Philosophy degrees from Iowa State University.



Russell A. Brown, Ph.D.