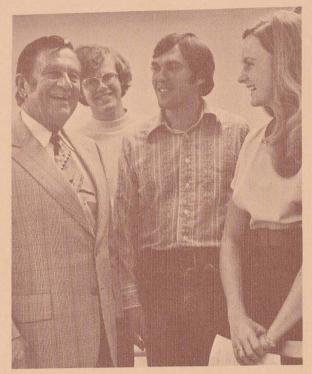


## Health News

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

November 1974





Sen. Howard Cannon met the students, faculty and staff of the University of Nevada, Reno, School of Medical Sciences during his visit to the Reno campus in September. He and his Reno aide, Betty Byer, were guests of the medical opportunity for the senator to observe the progress the school has made since the first students entered in 1971. Sen. Cannon has been supportive of the school since its inception, and has been particularly helpful in assisting with federal grants for the building program and growth of the faculty. During his visit, the senator joined in an informal discussion of pending federal health legislation. Shown with Sen. Cannon, from left, are freshman medical students Francis Shannon, John Kremer and Eyla Boies. The senator was in Reno to discuss health care legislation with the Washoe County Health Planning Coun-

#### Gifts received

Among the gifts received recently by recorder from Lexie Woodruff, M.S., associate professor of nursing; the Parke-Davis series on medical history from Michael Gainey, M.D.; and medical books and journals from Benjamin Drummer, Olin C. Moulton, M.D.

program has received a tape recorder allied services throughout the state. from W. S. Pryor; an audiometer from the Chuck Dickson of Alpine Glass Co.

CIBA has given the newest volume of has become. the series by Frank Netter, M.D., with reentire series to date from CIBA.



## Dean's Report

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

In late summer, C. John Tupper, M.D., dean of the University of California, Davis, School of Medicine, visited our school. Although he was in Reno for a holiday, he found some time to pay us a call and review our progress. He also met with representatives of the university administration and medical school faculty and shared his personal views of medical education in Nevada from his special

Dr. Tupper is a member of the Liaison Committee on Medical Education of the American Medical Association and the American Association of Medical Colleges. This is the accrediting body for all medical schools in the United States. Moreover, he has had a continuing inschool for a coffee hour that provided an terest in the University of Nevada, Reno, School of Medical Sciences since he served as a consultant on the feasibility study that led to its establishment in 1969.

Dr. Tupper stressed that his remarks reflected only his own viewpoint, and that he could not speak for the Liaison Com-

Before the Liaison Committee grants accreditation, said Dr. Tupper, complete data on the school is reviewed and extensive on-site visits are made. Only when the committee is fully satisfied that a school can provide quality medical education is accreditation granted. Accreditation is not a rubber stamp, he added. Some institutions have been placed on probation. Some new schools have not been allowed to proceed from one developmental phase to another.

Dr. Tupper commended UNR's medical school, which was granted two-year accreditation in July. The committee follows the school's progress carefully, he said, and there are several key points of which Nevadans interested in medical education should be aware.

First, he noted a real need for committhe School of Medical Sciences are a tape ment from the state. About \$15 million of the School of Medical Sciences' funding has come from private and federal sources. Only about \$1 million has come from state appropriation.

He added that there is need for con-D.P.M., Donald E. Pickering, M.D. and tinued assurance from the university administration that the medical school is fully KOLO-TV has given a set of draperies a part of the university community, recogfor use in the school's television facility. nizing the medical school's unique ability The Speech Pathology and Audiology to serve as a network for education and

In his opinion, Nevada should definitely Pyramid Sertoma Club of Sparks; and one- have a school of medicine, he said. And way windows for use in the clinic from the state should be looking beyond the quality academic center that the school

The next important step is to establish lated slides. The Netter series discusses family practice residency programs and illustrates various organ systems. throughout the state, he suggested. By The Self-learning Center has received the utilizing all Nevada's health care resources in such a program, state resi-

dents graduating with their Doctor of Medicine degrees will be encouraged

California has had tangible results in both specialized health care and rural health care as that state has expanded its medical educational programs. Nevada will experience similar results when residency programs are developed, he predicted

All of us who heard "Tup" speak were grateful, both for his continuing concern for our medical school and for his interest as we chart our course for the future.

## **EMS** grant

Gov. Mike O'Callaghan announced that the Mountain States Regional Medical Program granted \$91,628 in August to support the Emergency Medical Services (EMS) program for 12 months. EMS is under the auspices of the Human Resources Department, Division of Health.

The governor said the funds will be used principally to finance medical and radio training for ambulance attendants.

At present, three commercial and 60 volunteer ambulance services, plus military helicopter teams, are available under the EMS system to respond to accidents on Nevada's 48,000 miles of roads and

He said the 560 volunteers and 70 professional emergency medical technicians who man the ambulances must have sufficient training to pass licensing examinations administered by the Division of Health. The new funds will provide basic medical training for 15 new attendants and a 20-hour refresher course for experienced emergency medical technicians

#### Health News

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## Charter class students appraise UNR's medical school program

The curriculum at the University of Nevada, Reno, School of Medical Sciences was designed to allow medical students to transfer from the two-year program to degree-granting schools nation-wide that have differing teaching methods in the third and fourth years.

To be certain that the innovative curriculum devised at UNR meets the needs of all students, no matter where they transfer for Doctor of Medicine degrees, it was determined that a comprehensive follow-up of the charter class was essential.

In September, nine charter class students visited the Reno campus for a daylong session of discussions with faculty, staff and sophomore students. The visit was part of an evaluation of the charter class' progress funded by a grant from the National Fund for Medical Education. The study will continue through the year until class members receive their degrees. UNR faculty had already visited students on 14 campuses, interviewed them and their present instructors and collected data for prediction of National Board

For the students, the return visit was a chance to assess the growth of the School of Medical Sciences since they began classes in 1971. At that time, a core faculty of 10 taught the charter class of 32 in a school not yet accredited. Now there are and no classes beyond daily, hour-long 96 students in an accredited school, a fulltime faculty of 40 and some 190 clinical faculty members — physicians in private practice — who give their time as instructors, preceptors and advisers.

For the faculty, the visit provided an opportunity for dialogue exploring the medical school's strengths and weaknesses. Thomas Scully, M.D., associate dean and chairman of the curriculum committee, said, "Perhaps even more important, the faculty was able to discover the attitudes the students had about their years at UNR. They had good memories and appreciated the opportunity they'd in the school's very beginnings.

All the students said their preparation had been sound. They stressed that they felt at least as well prepared to enter their third year as the students from the parent schools

"In many aspects," said Dr. Scully, "they were possibly better prepared than their colleagues, particularly in the areas of the behavioral and clinical sciences. They entered their clinical clerkships with a fair degree of confidence and sophistication. But that isn't to say that they were less prepared in the basic sciences. They indicated that their competence in the basic sciences was also comparable.

If there was unanimity that the preparation was good, there was also unanimity that anticipation of the transfer midway in their medical education had produced some anxious moments.

Michael Ashcraft, a Las Vegan who attends Tufts University in Boston, said, "In the beginning of my third year, I was very concerned about my preparation. Then I discovered that my anxieties weren't any greater than the students who'd taken their first two years at Tufts.

Clerkship rotations at Tufts are conducted at hospitals throughout Boston Usually, the third-year student works alone or with one other student, supervised by residents. There are few formal lectures conferences. Tests are rare, and evaluations by residents rank the students' skills, knowledge and interpersonal relationships.

George Manning, also of Las Vegas attends the University of Oregon, a learning environment he describes as "highly structured" in contrast to Tufts. In addition to taking responsibility for total patient care under the supervision of residents in his clerkship rotations, he usually has two hours of conferences and four hours of lectures each day. He also takes regular tests and is evaluated by his instructors.

Reviewing his conversations with the nine charter class students, Dr. Scully had to work closely with faculty members observed that they had reinforced several concepts basic to the UNR program.

"They all said that the 'systems approach' that attempts to integrate the basic biomedical, behavioral and clinical sciences is much more relevant to the third and fourth years of medical school and to the practice of medicine than the traditional 'course' approach.

'They also agreed that early clinical exposure with physicians in their practice, in clinical advisor programs and through the preceptorship program was excellent

"We were assured that these should be retained and strengthened.

Dr. Scully ws unable to detect agreement on specific areas where students felt deficient. Defects in the curriculum of which the students were aware were related to insufficient faculty that first year, and have since been corrected.

In retrospect, some students wished for more problem-solving and more opportunity for independent study at their own pace. But, as Dr. Scully noted, many of these same students had felt a need for a structured learning environment during their years at UNR, and were looking back on them from the vantage of maturity and experience.

"It was a rewarding day for the faculty and students," said Dr. Scully, "not only for the nine students who returned and shared with us their experiences since their transfer, but also for the sophomore students who learned what to expect when they become third-year students.

In addition to Michael Ashcraft and George Manning, charter class members present for the workshops on the UNR campus were: Steven Dodge, Reno, Southern Illinois University at Springfield; James Moren, Elko, Emory University at Atlanta, Ga.; Kent DiFiore, Las Vegas, George Washington University, Washington, D.C. Larry Noble, Lovelock, UCLA; Michael Kinnison, Sparks, University of Colorado; Patrick Colletti, Virginia City, University of Iowa; and William Lloyd Jr., Carson City, University of Iowa.

## Laboratories, lecture hall planned for new addition

of \$950,063 and a Fleischmann Foundation grant of \$375,000 have been made to the University of Nevada, Reno, School of Medical Sciences.

The funding, totaling \$1,325,063, will allow construction of an addition to the Fred M. Anderson Health Sciences Building. It will house a lecture hall, classrooms, research and teaching laboratories and an electron microscope laboratory. The total cost is estimated at \$1,700,000.

The grant from the Max C. Fleischmann Foundation is contingent on the school's ability to secure matching funds before the end of the year. The school is currently conducting a development teaching units proposed in the addition.

If the school fails to find matching monies for the Fleischmann sources.

A Department of Health, Education and Welfare (HEW) grant grant, then it must seek \$750,000 in matching funds for the HEW grant before mid-1975.

> Students in health sciences and medicine presently use laboratories converted for temporary use in small buildings on the southern end of the campus. They are more than a mile from the health sciences classrooms in the Anderson Building. Several are antiquated and recommended for demolition.

> The HEW funds represent nearly 10 percent of the total made available by the agency for construction at medical schools

Announcement of the Fleischmann and HEW grants brings to campaign seeking 15 individual gifts of \$25,000 for each of the more than \$15 million the amount raised by the medical school since its inception from federal agencies, foundations and private

# Expanded speech pathology services aimed at quality care statewide

The ability to communicate effectively - to be understood and to understand others — is so basic to human interaction that most persons never think about it.

However, more than 20 million Americans have communicative disorders, ranging from the slightly inconvenient to the severely debilitating. Most speech and hearing disorders can be prevented or alleviated, providing problems are promptly identified and treated.

For some 17 years, the University of Nevada, Reno, has had an undergraduate program to provide initial training for speech pathologists capable of evaluating and treating such disorders. The undergraduate curriculum, complemented by a new master's program designed to prepare graduate students for certification and practice as qualified speech pathologists, is in the School of Medical Sciences.

Directed by Curtis E. Weiss, Ph.D. associate professor of speech pathology and audiology, the program's goals go beyond training speech pathologists to alleviate a shortage of services in Nevada that Dr. Weiss calls "significant." Efforts are being made toward the continuing upgrading of treatment, the standardization of requirements for practice and revision of the curriculum to reflect current knowledge and methods. Despite limited funding, an extensive continuing education program, including workshops, field training and seminars, has begun. This year, workshops for professionals were held in both Washoe and Clark Counties.

The Speech Pathology and Audiology Program also conducts a full-time clinic for diagnosis and treatment, and it is being expanded both in the number of persons and kinds of disorders it treats.

The clinic serves some 25 out-patients weekly and is staffed by faculty and students. It provides broad experience for students through treatment of persons with a wide variety of communicative problems, including pre-school children with specific speech and language disorders, children and adults who stutter, post-stroke patients, patients who have undergone laryngectomies and the hard of hearing.

Though the program does not, at present, provide continuing clinics outside of Washoe County, supportive services are available. UNR students may gain clinical and field experience in Clark County under the supervision of Dorothy Bokelmann, M.S., coordinator of the speech and hearing program in Clark County schools. Ms Bokelmann is a member of the clinical faculty of the UNR program.

and persons in remote areas.

information to parents, teachers and health tor. care delivery personnel who work with subject, with publication expected early benefactor.



Curtis E. Weiss, Ph.D., associate professor of speech pathology and audiology, is shown during an audiological evaluation of master's candidate Jean Stabenow. He is using a diagnostic audiometer. (Photo by Ron Evenson)

disorder as anything that interferes with communication, calls attention to itself and receiving increased attention through heightened public awareness and the

Speech pathologists deal with five areas of human communication: articulation, language, voice, rhythm and hearing. Most speech disorders are found in children. However, Dr. Weiss cautions against presuming that children will merely outgrow speech and hearing problems. He believes a communicative evaluation of pre-school children should be routine.

The Speech Pathology and Audiology Program presently has some 60 students about 20 of whom are graduate students. The master's program requires about 18

#### Eve camera

Dr. Weiss is also anticipating expanded a camera that photographs the interior of services for Nevada's Indian population the eye. Used in conjunction with the prevention of communicative disorders variety of opthalmological problems, ac- monitors and a direct view of all beds. through the statewide dissemination of cording to J. L. Reveley, executive direc-

months of study, and includes a minimum Dr. Weiss defines a communicative of 300 hours of supervised practical experience and field work.

"There is a discrepancy here at UNR," causes, or has the potential to cause, mal-said Dr. Weiss, "between our obvious adjustment in the affected individual. Such needs and our available manpower. Nadisorders are not necessarily on the intionwide, the faculty-student ratio in crease in the United States, but they are speech pathology programs is 10:1. Ours is 30:1.

"However, we're optimistic about state knowledge that specialized help is support. We intend to move ahead with our plans of improving services in the urban areas and bringing services to those counties that presently have none. Our goal isn't quantity care, but quality

#### **New ICU unit**

Washoe Medical Center's intensive care unit has been housed in new quarters since the mid-August move from the third-floor, 11-bed tower area. The new unit is an enlarged and renovated 18-bed complex on the hospital's first floor.

The larger quarters allow four half-hour family visits daily. Visiting periods in the St. Mary's Hospital in Reno has acquired old unit had to be limited to three 10-minute visiting periods.

The unit has 14 fully monitored beds hospital's laser unit, it provides complete and four isolation beds in service. There Ultimately, he hopes to emphasize the diagnostic and treatment capability for a are two nursing stations with patient

Near the new intensive care unit will be the six-bed burn center and the kidney The camera and laser, valued at some dialysis unit. The complex includes a vischildren. He is completing a book on the \$36,000, were gifts from an anonymous itors' lounge, physicians' and nurses' rest areas and support facilities.

## New dean supports programs

Dr. Vera R. Brand began her duties as dean of the Orvis School of Nursing at the University of Nevada, Reno, in September.

to joining UNR's staff. "I came here be- sity of Virginia, where she also taught for cause I support the direction the Orvis six years, both in the School of Nursing School of Nursing has indicated it wants and in the Graduate School of Education to go, both in curriculum and develop- From 1948 to 1953, Dr. Brand worked as a ment," she said. She added that she is nurse and pediatrics instructor at hospitals supportive of the common core of knowl- in Salt Lake City and San Francisco. edge provided by the Health Sciences Program to allied health professionals in a variety of fields.

"If I have a specific goal," Dean Brand added, "it is providing preparation for a degree of proficiency so that nurses can further meet the health care needs of

She came to Reno from Michigan, where she initiated the nursing program at Grand Valley State Colleges in 1972.

Before that she taught nursing for six years at the University of Utah, where she did her undergraduate work. She earned Dr. Brand said she had looked forward her advanced degrees from the Univer-

> The author of two scholarly publications, Dean Brand holds memberships in the American Nurses Association, the National League for Nursing, the American Association for Higher Education, and the National Association of Women Deans. Administrators and Counselors.

> Dr. Alene R. Dickinson has been acting dean of Orvis School of Nursing for the



Dean Brand

## Physicians pass resolutions supporting med school

School of Medical Sciences passed by According to Miss Harris, UNR medical (NSMA) at the annual meeting in Elko Sep- the delegates' action was an expression tember 27, 28 and 29 were measures of confidence in student interest and supporting the continued growth and im- judgment. provement of the school. They included:

A resolution earmarking the annual donations of the NSMA and its Woman's Auxiliary for support of the construction of an undergraduate wing to the Fred M. Anderson Health Sciences Building, until a total of \$25,000 has been dedicated.

A resolution encouraging the Nevada State Legislature to provide necessary state support for the fiscal years 1975-1977. The resolution stated that such support will 'assure orderly progress of the School of Medical Sciences and the early return to Nevada of its sons and daughters who, as physicians, will substantially increase the supply of medical services needed in Nevada.

A resolution urging the Nevada State Legislature to "affirm its interest in and support of postgraduate medical training in Nevada, to include Family Practice and other specialties," and inviting the Nevada Hospital Association to cooperate with NSMA in the furtherance of specialty training.

A fourth resolution requiring a change in the association's constitution would have denied a vote to the Student American Medical Association (SAMA) delegate to the NSMA. Reta Harris of Henderson, a sophomore representing the 96 School of Medical Sciences students, told the delegates that representation in NSMA, both with a voice and a vote, generates interest in the medical community in Nevada among medical students, many of whom have expressed a desire to return to the state to practice after they receive their Doctor of Medicine degrees.

The resolution did not pass, and the

Among the resolutions affecting the student representative will retain the vote. can Academy of Family Practice, was a the Nevada State Medical Association students have indicated they believe serves the needs of the medical community in our state.

> Miss Harris also found the widespread support of the school encouraging, and voiced her gratitude to NSMA for its expression of that support.

> George T. Smith, M.D., dean of the School of Medical Sciences and member of the House of Delegates, said the 1974 meeting was excellent. He had special praise for George T. Manilla, Jr., M.D., of Elko, who planned the scientific program.

"The School of Medical Sciences will soon be responsible for accredited continuing medical education programs in Nevada," said Dr. Smith. "The program in Elko, which was accredited by the Amerion page 12.

fine example of continuing education that

In addition to Dr. Smith and Miss Harris, several other representatives of the UNR medical school attended the Elko meeting. They were Thomas Scully, M.D., associate dean and member of the House of Delegates; Miles Standish, Ph.D., associate professor of physiology and chief of staff for the Medical Education Service at the Veterans Administration Hospital in Reno; Nelson Neff, consultant and retired executive director of the NSMA; Marcus Erling, freshman student SAMA representative; and Dennis Cookro, freshman

A full account of the meeting appears

Before the University of Nevada, Reno, School of Medical Sciences was established, there were no more than 12 Nevada residents attending medical schools in any one year.

However, data provided by the American Association of Medical Colleges, Division of Student Services, indicates that the likelihood for admission to medical school is now greater for Nevada residents who apply than it is for applicants who reside in any other western state.

The following information was received by Thomas R. Kozel, Ph.D., director of medical admissions at UNR.

State	Percent of Residents Accepted
National Average	32
Alaska Arizona California Colorado Hawaii Idaho Montana New Mexico *Nevada Oregon Utah	27 21 24 32 31 31 32 25 41 32 24
Washington	30

## 48 begin medical studies



Boies



Armbruster





Bentley



Cantrell



Christensen

Campbell

#### Steven R. Anderson, 24, Mesquite

A 1968 graduate of Pahranagat Valley High School in Alamo, Steven earned his bachelor's degree in zoology at Southern Utah State College in 1974. He was a missionary for the Church of Jesus Christ of Latter-day Saints for two years, spending most of his time in France and Switzerland. Married, with one child, he hopes to become a family practitioner in a rural area.

#### Robert J. Armbruster, 22 Reno

Robert studied civil engineering and engineering science at UNR from 1969 through 1972. He transferred to Massachusetts Institute of Technology, where he Phi social sorority, Alpha Epsilon Delta earned his B.S. in biology in 1974. A Reno premedical honor society and Spurs and High School graduate in 1969, he is affiliated with Sigma Alpha Epsilon social fraternity and Sigma Tau and Pi Mu Epsilon, honorary engineering and mathematics societies.

#### Eyla G. Boies, 22, Wells

A graduate of Wells High School in 1970, Eyla received her bachelor of science degree in zoology from the College of Idaho in 1974. She was named Outstanding Premedical Student. She has participated in extensive ecological field studies in the United States, Mexico and Australia.

#### Richard A. Campbell, 31, Las Vegas

A former teacher, Richard attended Rancho High School, the University of Nevada, Las Vegas, and Columbia Basin through 1967, achieving the rank of ser- he worked in engraving and clock repair geant. He is married and has one child. and as a theater manager.

#### Barbara Rogers Bates, 22, Elko

Barbara has worked as a nurses' aide at Elko General Hospital and as a laboratory assistant, receptionist and medical librarian at the Elko Clinic. She was graduated from Elko High School in 1970 and earned her bachelor of science degree in zoology at the College of Idaho in 1974. She received an honor student scholarship during her undergraduate years.

#### Cathy Jo Cantrell, 21, Reno

Cathy earned a bachelor of science degree in biology at UNR in 1974. During her undergraduate years she was active in student affairs. She is affiliated with Pi Beta Sagens, service organizations for women. She was graduated from Reno High School in 1970.

#### Edward S. Bentley III, 21, Las Vegas

A graduate of Phillips Academy, Andover, Mass., Edward received his bachelor of arts degree in psychology at the University of Southern California in 1974. He has volunteered his time at the Los Angeles Free Clinic and the USC Helpline. He has worked as an orderly for four summers, three of which were at Southern Nevada Memorial Hospital.

#### Paul L. Christensen, 21, Las Vegas

A 1970 graduate of Clark High School, College before earning his B.S. and M.A. Paul has taken premedical studies at degrees in biology at Walla Walla College. Brigham Young University, UNLV, Dixie He also served in the U.S. Army from 1965 College and UNR. During his college years,

## Enrollment now totals 96

The fourth class of medical students at the University of Nevada, Reno, began its studies in August. There are 48 members of the freshman class, bringing the total in medical education at the School of Medical Sciences to 96.

Class members were selected from 848 applicants.

Thomas R. Kozel, director of medical admissions, said, "I believe the 1974 class will be unusually strong. The State of Nevada has provided us with an outstanding group of students who are highly experienced in health-related areas, with academic credentials equal to those found in most major medical schools.

"I am particularly pleased with the large number of students from Southern Nevada. believe the increased number can be credited in large part to the developing preprofessional program at UNLV.

The admissions committee gives first preference to Nevada applicants and second preference to residents of those states that have no medical schools — Idaho, Alaska, Montana and Wyoming. Residents of other states who have a particular interest in Nevada, such as prior residence or family ties, are also given careful consideration.

The incoming class is comprised of 44 Nevadans, three Californians and one resident of Wyoming.

A total of 112 Nevada residents applied for admission. Of these, 47 applied from Clark County and 19 were accepted; 52 applied from Washoe County and 19 were accepted; and 13 applied from the rural counties and six were accepted.

The class includes 13 from Las Vegas, two from North Las Vegas, 17 from Reno and one each from Wells, Elko, Mesquite, Tonopah, Verdi, Gardnerville, McGill, Sparks, Fallon, Overton, Henderson and Boulder City. The Californians are from Lee Vining, Chico and San Francisco and the Wyoming student is from Cody.

Some 15 percent of the applicants were women, but they represent 22 percent of the class.

The admissions process begins with the arrival of applications beginning July 1. Deadline for acceptance of applications is Dec. 1. No direct applications are accepted, since UNR utilizes the centralized services of the American Medical College Application Service.

The admissions committee begins its work in early autumn establishing guidelines for admissions, reviewing applications and conducting interviews. Last year, some 225 applicants were interviewed, including every Nevadan and many applicants from the states that have no medical schools.

Students are selected without regard for undergraduate major. Non-science majors are encouraged to apply, providing they

Health News

(Continued on page 10)

#### David C. Combest, 24, Reno

A 1967 graduate of Amos Alonzo Stagg High School in Stockton, California, David received an A.A. degree in police science at San Joaquin Delta College. He earned his bachelor of arts degree in biological sciences at California State University, Sacramento. He also holds an M.S. degree in physiology from the University of California at Davis.

Michael K. Daines, 20.

Las Vegas

school at the end of his junior year in

premedicine at UNR. He also attended

UNLV. A former competitive swimmer and

coach, he has also participated in cycling,

skiing and wrestling. He has worked as an

orderly and surgical technician at both

Sunrise and Southern Nevada Memorial

DiAnne Dukes, 26, Reno

degree in mathematics from Stanford

University and a bachelor of science de-

gree in premedicine from UNR. She has

also worked toward a master's degree in

cybernetic systems at California State

University, San Jose. She has been em-

Russell Lee Everest, 25, Fallon

Russell earned his B.S. degree in

zoology at UNR in 1973. A Reno High

School graduate in 1967, he has held sum-

mer jobs in archeological field work, includ-

Anthony J. Guida, Jr., 26, Reno

in chemistry from Occidental College and

a master of science degree in biochemistry

from UNR. He has worked as a hospital

orderly and traveled extensively through

Susan Jean Heckman, 26, Reno

Susan has worked as a research tech-

nician at the University of Chicago, a trans-

plant tissue technician for cardiovascular

surgery for the Veterans Administration

and at Stanford University and as a re-

search technician in cardiovascular phar-

macology for Syntex Laboratories. She

earned her B.A. degree in biology in 1969

at Augustana College in Illinois.

Anthony holds a bachelor of arts degree

ing survey and excavation.

ployed as a systems programmer.

DiAnne holds a bachelor of science

hospitals.

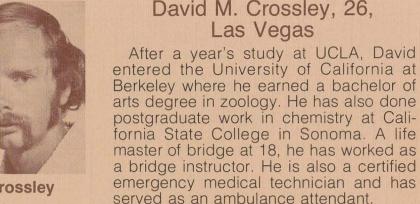
Michael was accepted by the medical



Combest

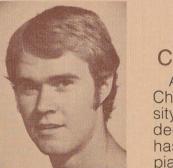


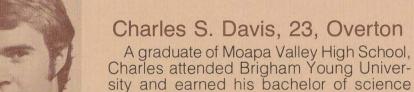
Crossley











degree in zoology at UNLV in 1974. He has worked as a lab technician and a pianist. He was also a volunteer teacher for the handicapped, and active in sports, painting and student musical production.

Marcus A. Erling, 23, Henderson

Marcus attended UNR, where he earned

his bachelor's degree in premedicine in

1974. A musician, he is active in sports

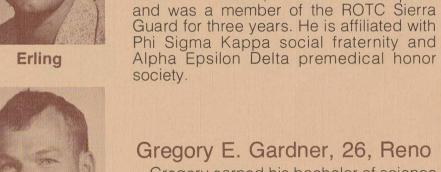
A graduate of Basic High School in 1969,



Dukes











Gardner

#### Gregory E. Gardner, 26, Reno Gregory earned his bachelor of science degree in premedicine at UNR in 1974. He previously attended San Joaquin Delta and

Wenatchee Junior Colleges and UNLV. He served in the U.S. Army for three years, with a tour of duty in Vietnam. He has been active in Red Cross and YMCA volunteer and professional activities.

Ward F. Gulley, 24, Reno



**Everest** 

Guida



Gulley

#### A Wooster High School graduate in 1968 Ward attended UNR for two years. He earned his B.A. and M.A. degrees in zoology at UCLA. A skiing, sailing and hunting enthusiast, he worked as a laboratory assistant. Ward received scholastic honors and several scholarships as an undergraduate. He is affiliated with Alpha Epsilon Delta.



Heckman



Hilbish

#### Judy F. Hilbish, 27, Tonopah

A graduate of Tonopah High School in 1965. Judy attended the University of California at Davis, majoring in preveterinary studies. She earned her B.S. in animal science at UNR in 1969 and her M.S. in biochemistry at UNR in 1973. She has worked as a research assistant and lab technician.

Europe.

David majored in biology at UNLV and earned his bachelor's degree in biology from the University of California at Riverside in 1974. He was graduated from Val-graduate studies in the field. She is an avid ley High School in Las Vegas. He has been active in sports and is an enthusiastic photographer.

Joseph R. Hollen, 21, Reno

After graduation from Reno High School in 1970, Joe entered UNR. He received his bachelor's degree in premedicine in 1974. A varsity golfer, he was active in student affairs. He is affiliated with Sigma Alpha Epsilon social fraternity, Blue Key national honor fraternity and Alpha Epsilon Delta premedical honor society.

> Carole Anne Hurray, 37, North Las Vegas

A member of the Sisters of the Holy Cross, Sister Carole earned her B.A. degree in biology at St. Mary's College in Indiana. She also holds a master's degree in the field, earned at Notre Dame University in 1964. She has taught biology and religion in high school, worked in school administration and in community social action programs.

Kevin T. Kavanagh, 19, Reno

Kevin was accepted by the School of Medical Sciences during his junior year of premedical studies at UNR. He attended high school in Waterford, Penn. An Eagle Scout, he is a member of the Boy Scout College Reserve.

#### Stephen D. Landaker, 22, Las Vegas

After graduation from Clark High School in Las Vegas in 1969, Stephen attended Oregon State University and UNR. He earned his bachelor's degree in premedicine in 1973. He is a member of Sigma Delta Phi social fraternity and Alpha Epsilon Delta honorary premedical society

Frederick D. Leonard, 26, Sparks

After his graduation from University High School in Los Angeles in 1965, Frederick entered UCLA with a major in physical sciences. He studied at Los Angeles City College and California State College in Northridge before entering the U.S. Coast Guard in 1967. He was discharged in 1972 with the rank of lieutenant. He earned his bachelor of arts degree in psychology at UNR in 1974. He has served as a volunteer for the Crisis Call Center.

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#### David D. Hirsh, 20, Las Vegas Patricia Ann Hodges, 25, Reno

Patricia was graduated from Wooster High School and UNR. She holds a B.S. degree in zoology and has completed skier and horsewoman.

> Mary S. Humphrey, 23, Las Vegas

Mary received her bachelor of arts degree in chemistry at Grinnell College in lowa in 1972. She has worked in postgraduate studies at Drake University and the University of Iowa. At the latter institution, she worked in biochemical research concerned with the study of neurological enzymes. She has also served as a nurses' aide. In 1971, she received a National Science Foundation Undergraduate Research Grant.

#### David R. Jensen, 24, McGill

David was graduated from White Pine High School in 1968 and earned his bachelor's degree in zoology in 1974 at Brigham Young University. He served in the Northern Indian Mission for the Church of Jesus Christ of Latter-day Saints from 1970 through 1972. While at BYU, he was awarded a research grant to study limpets on San Juan Island in Washington. He has worked as a laboratory technician in analytical chemistry.

John A. Kremer II, 27, Las Vegas

A 1965 graduate of Bishop Gorman High School in Las Vegas, John attended Brigham Young University and Troy State University in Alabama. He earned his bachelor of science degree in premedicine at UNLV in 1974. He served in the U.S. Army, with a tour of duty in Vietnam as a helicopter pilot. He has worked as a lifeguard and coached a diving team.

Carrie E. Lee, 30, San Francisco

Accepted during her junior year of premedical studies at UNR, Carrie was graduated from Galileo High School in San Francisco in 1962. She has served as a volunteer aide in hospitals and given her time to the Nevada Heart Association, the Washoe County Unit of the American Cancer Society, the Nevada Historical Society and Campus YWCA. She is a member of Alpha Epsilon Delta honorary premedical society

John R. Logan, 28, Las Vegas

John was graduated from Las Vegas High School in 1964 and earned his bachelor of science degree in zoology at UNLV in 1973. He also studied at Northern Arizona University. He has worked as a lifeguard.











Humphrey





Jensen



Kavanagh

Landaker

Leonard



Kremer









Logan

**Health News** 



Malan

McKenzie

Peterson

Moore



Peters



Rignell





Saldubehere



Smith

#### Scott L. Malan, 27, Reno

teaching and research assistant.

#### Douglas B. McKenzie, 28, Reno

Douglas attended Long Beach City College and received his bachelor of arts degree in biology at Stanford in 1972. He also attended Foothill College and the UNR in biology. He was a varsity football player during his undergraduate years. and continues to be active in skiing. scuba, packing and sailing. He worked at Washoe Medical Center as a surgical as a respiratory therapist.

#### Jon T. Peterson, 24, Las Vegas

Jon attended the University of Oregon and earned his A.B. degree in psychology was given the Outstanding General Chemistry Student award at UNLV in 1973. While year studying in Austria and Germany.

#### William F. Roes, 23, Cody, Wyo.

School in 1969, William entered the University of Washington, where he earned his bachelor of arts degree in sociology in time to a variety of community projects, including volunteer work at a school for retarded persons.

#### John E. Ryan, 28, Reno

John earned his bachelor of science degree in premedicine at UNR in 1974. He worked for two years as a surgical orderly at Washoe Medical Center. He has been active in Alpha Epsilon Delta premedical honor society.

#### Francis L. Shannon, 22. Las Vegas

After graduation from Las Vegas High School in 1970, Francis began his undergraduate studies in biology at UNLV. He

#### Marilynn W. Moore, 22, Reno

Scott earned his bachelor's degree in A graduate of Pasadena High School chemistry in 1971 and his master's in bio- in California in 1969, she earned her bachchemistry at UNR in 1973. He spent sev- elor of science degree in premedicine at eral years in France on a mission for the UNR in 1973. She also spent a year in pre-Church of Jesus Christ of Latter-day medical studies at the University of Cali-Saints. As an undergraduate, he was a fornia at Davis. Marilynn has been a volunmember of a biology honor society and teer tutor for Indian children and has president of Alpha Epsilon Delta pre- assisted with the "Meals on Wheels" promedical honor society. While working gram for the elderly. An honor student, she toward his master's degree, he was a has conducted her own tropical fish business and given some 30 hours each week to church and community service.

#### John H. Peters, 24, Chico, Calif.

Following undergraduate studies at California State University at Chico, Menlo College and the University of California at University of California at Berkeley. He has Davis, John received his bachelor of spent a year in postgraduate studies at science degree in biology at UNR in 1973. He is a member of Phi Kappa Phi national scholastic honor society and Alpha Epsilon Delta premedical honor society. He plays the piano, organ and violin and has worked

#### Robert P. Rignell, 28, **Boulder City**

A graduate of Boulder City High School, Robert attended the University of Wisconat Stanford in 1972. He completed his sin and Northern Arizona University. He premedical studies at UNLV and UNR. He received his B.S. degree in zoology at Arizona State University in 1969. He served in the U.S. Air Force from 1969 an undergraduate at Stanford, he spent a through 1973, where he was a medical technologist. He has also worked as a laboratory assistant.

#### Following graduation from Cody High James M. Row, 23, Las Vegas

A graduate of Rancho High School, James earned his bachelor's degree in zoology at UNLV in 1973. He spent one of 1973. He is a member of Alpha Kappa his undergraduate years at UNR. Since Delta honorary sociology society and has his graduation, he has worked as a disworked as a surgeons' assistant. He has trict health department sanitarian and been active in student politics and given attended UNLV classes during the evenings. He is a member of Delta Sigma Phi social fraternity and was active in student politics and ski club.

#### Teresa V. K. Saldubehere, 24, Lee Vining, Calif.

Teresa received her bachelor's degree n history at Stanford University in 1974. She is married and has two children. During her undergraduate years she was active in ski team and ski club activities. Her husband is a sheep rancher and she has actively assisted him in all aspects of the business.

#### Leslie S. Smith, 20, Verdi

Leslie was graduated from Reno High received his bachelor of science degree School in 1971 and was accepted by the in that field at the University of San School of Medical Sciences during his Francisco in 1974. He is a member of junior year of premedical studies at UNR. Omicron Theta Chi honorary premedical He is an active member of the Verdi Volunsociety and has worked as research as- teer Fire Department and has participated sistant in chemical biology. He has worked in community sports and the youth group as an orderly in orthopedics and radiology of his church. He is a member of Alpha and as a teaching assistant in biology. Epsilon Delta premedical honor society.

Shannon

Ryan

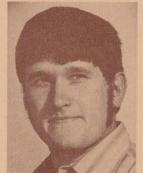




Stouder



Taylor



Toth

Enrollment.

(Continued from page 6)

have sufficient background in the sciences. There is no cut-off age for applicants, although those in the 30's usually have exceptional qualifications. Most successful applicants have a baccalaureate degree, but undergraduates who have completed at least 90 semester hours are eligible

The admissions committee has 14 members, including practicing physicians from both urban and rural areas, medical school faculty members, preprofessional faculty members from UNR and UNLV and medi-

cal students.

## **VA** Hospital supplements clinical studies

Seventeen students who completed their two-year medical studies at the University of Nevada, Reno, in June had the opportunity for supplemental clinical studies during the summer at the Veterans Administration Hospital in Reno.

The program was begun in 1973 with Michelson, Haydon Hill. four charter class students. According to Miles Standish, Ph.D., associate professor of physiology and chief of staff for the Medical Education Service at the VA Hospital, the first year proved so successful that additional funding was sought to increase the number participating.

The medical students were supervised by VA staff members and were paid for their assistance in medical, surgical and out-patient services. Several UNR students were assigned to the VA Ambulatory Care Service at Rose de Lima Hospital in Henderson.

"It was a good program," said Dr. Standish. "We feel it was excellent preparation for the third and fourth years of medical school.

#### Michael S. Snyder, 31, North Las Vegas

Michael is the only medical student at UNR who already holds a doctoral degree. He received his Ph.D. in environmental health in 1971 at the University of Oklahoma. He received his bachelor's degree in biology in 1966 at Hope College in Michigan and his master's degree in pharmacology in 1968 at the University of Michigan. He has worked as a teaching assistant in biology and a laboratory technician. Prior to entering the School of Medical Sciences, he was an industrial hygienist.

#### Christopher S. Taylor, 29, Reno

Christopher received an A.A. degree in economics at American River Junior College in 1966, a B.A. in religious studies at the University of California at Santa Barbara in 1968 and a B.A. in biology at Chico State University in California in 1972. He earned his master's degree in biology at UNR in 1974. He is a member of Sigma Chi social fraternity. He has given his time as a counselor and tutor for high school

#### Michael D. Stouder, 21, Reno

After graduation from Placer High School in Auburn, Calif., in 1970, Michael entered UNR, where he received his B.S. in premedicine in 1974. He has worked as a hospital orderly, ambulance attendant and laboratory assistant. He is a member of Alpha Epsilon Delta premedical honor society and the Campus Crusade for Christ.

#### Joseph K. Toth, 27, Gardnerville

Joseph entered Lehigh University in Pennsylvania in 1964. He received his bachelor's degree in chemistry at Stanford University in 1968. He has undertaken postgraduate studies at the University of California at Santa Barbara and Oregon State University. He was a member of the U.S. Army from 1969 through 1972, holding the rank of lieutenant.

Dewitt C. Baldwin, Jr., M.D., professor of psychiatry and director of the Health Sciences Program, has been elected to the Regional Advisory Council of the Mountain States Regional Medical Program.

### Freshmen elect officers

The freshman class officers for 1974-1975 are Francis Shannon, president: John Kremer, vice-president: David Jensen, admissions committee; Joe Hollen, curriculum committee; Rob Armbruster, development committee; Sister Carole Hurray, student affairs committee; Marcus Erling, representative to the Student American Medical Association; and Steve Landaker, physical diagnosis committee.

## UNR medical students attend 22 degree-granting schools

schools of all 45 students who completed their two-year studies in June at the University of Nevada, Reno, School of Medical Sciences was announced by Owen C. Peck, M.D., director of student

The transfer schools and UNR medical Roth students who will attend them are:

University of West Virginia: Glen R. Melvin Knight Gabler, Laura L. Wood

University of Colorado: Connie Antone, John Erickson, Scott Tucker, Abigail

University of California, Davis: Bill

Tufts University: Frank Vic Rueckl, David Zucker.

Washington University, St. Louis: Joe J. Von Stief

Baylor University: Phil Roberts.

Washington University, Seattle: Vern

University of Kentucky: Mark P.

University of Oregon: Barbara Ward.

Nona Emory.

Steven McArthur, Craig Metzger, Craig active participation of the UNR medical Julien, John Adams, Carol Beatty, Herberta school teaching staff in association ac-Ewing, David Johnson, David Peterson, tivities.

Transfer to degree-granting medical Bruce Wilkin, William Trimmer; Brian Sonderegger, Jon Hooper, Sherwood

Emory University: Brian Strange. University of Oklahoma: Duane Bohman, Pilar Escobar

George Washington University: Paul

Pennsylvania State University, Hershey: University of Southern California: Marc

University of Hawaii: Marguerite Van

Medical College of Wisconsin: Michael

University of Maryland: Barbara Stone. University of California, Irvine: Fred

Creighton University: Karl Vidrickson.

Thomas K. Hood, M.D., of Elko, im-University of New Mexico: Lexie Parker. mediate past president of the Nevada University of California, Los Angeles: State Medical Association (NSMA), and Lee Reitler, Ann Evans, Neal Nesbitt, Rick Pugh, executive director of NSMA, were guests at a faculty meeting of the University of Alabama: Tom Myers, School of Medical Sciences. They invited



#### Residency Programs

Thomas L. Stern, M.D., described family practice residency programs when he met with members of Washoe Medical Center's Continuing Education Committee. Dr. Stern is the director of the Division of Education of the American Academy of Family Physicians. Shown at the meeting are, from left, Arrah C. Curry, M.D., chief of staff, Washoe Medical Center; Dr. Stern; George T. Smith, M.D., dean of the School of Medical Sciences, University of Nevada, Reno; and Norman E. Peterson, assistant administrator, Washoe Medical Center. (Photo by Richard Rhyno)

## **Health News Briefs**

Robert Evans, M.D., dean of the University of Illinois School of Medicine at Rockford, visited Reno in September.

## Speakers Bureau

Faculty members of the University of Nevada, Reno, School of Medical Sciences have formed a Speakers Bureau. They are available to organizations statewide desiring information on the activities and progress of the medical

Nelson B. Neff, consultant and retired executive director of the Nevada State Medical Association, is coordinating the bureau's activities

Speakers have been available since the school's inception," he said. "But the demand has increased and greater interest has developed, so it has been decided to put the service on a more regular basis.

Medical and allied health service professional organizations, service clubs, women's clubs and veterans' organizations are among those who have requested speakers

Speakers Bureau members include John Altrocchi, Ph.D.; L. Matthew Bach, Ph.D.; Russell Brown, M.D.; J. Malcolm Edmiston, M.D.; Meryl Haber, M.D.; Ron Jordan, Ph.D.; Thomas Kozel, Ph.D.; Paul Miller, M.D.; Owen Peck, M.D.; Thomas Scully, M.D.; Miles Standish, Ph.D.; Emile Van Remoortere, M.D.; Dewitt C. Baldwin, M.D.; Barbara Merritt, M.S.; Leonard

The speakers represent the Divisions of Behavioral, Clinical and Biomedical Sci-health officer for Clark County, the equipences, Laboratory Medicine, Educational ment will monitor the vital signs of heart Support and Communications and the Health Sciences Program.

Paul R. Miller, M.D., professor of psychiatry and director of the Division of Behavioral Sciences; Michele Baldwin, M.S.W., lecturer in the Division of Behavioral Sciences; and Dewitt C. Baldwin, Jr., M.D., professor of psychiatry and director of the Health Sciences Program, represented the School of Medical Sciences at the Oct. 27-30 national meeting of the Association for Behavioral Sciences and Medical Education. They described several unique features of the UNR behavioral sciences program, including the use of programmed problems in medical education — a problem-solving approach using case history methods developed by the Harvard Business School.

Leonard Pearson, Ph.D., visiting professor of behavioral sciences, and Lillian Pearson, M.S.W., lecturer in health sciences, trained the facilitators for the workshop in terminal care held at Washoe Medical Center Nov. 4 and 5. Elizabeth Kubler-Ross, M.D., an international authority on terminal care, was the guest faculty member for the workshop. The two-day gathering was sponsored by Washoe Medcal Center, the Mountain States Regional Medical Program, the Reno Cancer Center and Orvis School of Nursing, the Department of Social Services and Corrections and the Health Sciences Program at the University of Nevada, Reno.

Clark County made a major advance in emergency medical care in August when electronic telemetry equipment was installed in Southern Nevada Memorial Hospital medicine, predentistry, prepharmacy and Pearson, Ph.D.; and George Smith, M.D. and a specially designed ambulance.

patients, facilitating rapid treatment when the patients arrive in the emergency room.

There were 366,379 physicians in the United States at the end of 1973, according to a report in the bulletin of the Nevada State Medical Association of American Medical Association figures. This is an increase of 9,845 over 1972

However, the number of general practitioners during the year decreased from 55,348 to 53,946, a drop of 1,402.

The recognition event planned for Dec. 4 to honor friends of the School of Medical Sciences has been put forward until after the first of the year

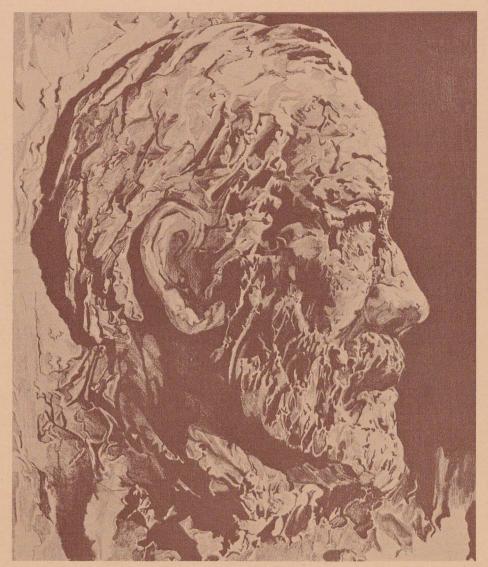
James Botsford, M.D., chairman of the event, said it was decided to include the first student to complete his medical studies at the University of Nevada, Reno, and earn his Doctor of Medicine degree. Moving the date ahead will also allow the event to be held in conjunction with ground breaking ceremonies on the planned wing of the Fred M. Anderson Health Sciences Building.

#### Advisement office

The Office of Undergraduate Student Advisement has been created within the Health Sciences Program. DeWitt C Baldwin, Jr., M.D., professor of psychiatry and director of the program, supervises the work of the office. John Dodson M.Div., is his assistant director and Ruth Russell, Ph.D., is coordinator.

The office serves students in premedical technology. Advisees also in-According to Otto Ravenholt, M.D., chief clude freshman nursing students and 'undeclared" health sciences majors.

Shirley Beck, formerly with the Mental Health Center in Las Vegas, has joined the staff as secretary.



A series of 12 posterized prints of "Great Men in Medical History" is being prepared for use in a fund raising program in support of the University of Nevada, Reno, School of Medical Sciences. The limited edition prints are from drawings by Kathy Kleinman, who worked at the medical school during her undergraduate years. For her models, Kathy used a collection of bas reliefs sculpted by Doris Appel as a gift to the father of George T. Smith, M.D., dean.

## NSMA physicians honored at Elko meeting

William K. Stephan, M.D., a Las Vegas anesthesiologist, was installed as president when more than 100 Nevada physicians met in Elko Sept. 27-29 for the 71st annual meeting of the Nevada State Medical Association (NSMA).

Dr. Stephan succeeds Thomas K. Hood, M.D., of Elko. John

Callister, M.D., of Reno was unopposed for the office of

president-elect.

A program accredited by the American Academy of Family Practice for seven credit hours of continuing education was held on the meeting's opening day. Arranged by George Manilla, M.D. of Elko, the scientific program included the presentation of papers by Malcolm A. Bagshaw, M.D., Stanford University Medical Center; Fenimore T. Johnson, M.D., director of medical communications for The Upjohn Co.; Joseph A. Preston, M.D., Colorado Pathologists Regional Laboratory Inc.; and Robert Messer, M.D., University of Nebraska College of Medicine.

Julius Jensen, M.D., of Las Vegas received the Distinguished Physician Award for having "given unstintingly of his time, talent and resources, not only for the advancement of medicine, but also for the enhancement of the health and welfare of our state

The plague for the Physician of the Year, made annually by the A. H. Robbins pharmaceutical company, was awarded posthumously to Reed J. Anderson, M.D., of Ely. Dr. Anderson, who died July 23, was cited for "his high character and exemplary life, both as a man and as an outstanding physician . . . " Mrs. Anderson accepted the award.

The Elko County Medical Society submitted a resolution

memorializing the late John S. Gaynor, M.D.

The Women's Auxiliary to the NSMA held a workshop meeting on Sept. 27 on the woman's role in legislation. Paul Laxalt was one of the guest speakers, and he described women's political activities in Nevada. Also joining the workshop was Lee Ann Elliott of Chicago, associate executive director of the American Medical Political Action Committee.

During leisure hours, there was a golf tournament, winetasting, Basque-style barbecue, fishing, backpacking and

chukar hunting.

## Health Sciences Program director describes team concept in journal

Dewitt C. Baldwin Jr., M.D., professor of psychiatry and director of the Health Sciences Program at the University of Nevada, Reno, School of Medical Sciences, was asked to serve as guest editor of "Health Team News.

According to Dr. Baldwin, the team concept in health care delivery is growing rapidly, and the New York-based publication, begun just six months ago, has already grown to a nationwide circulation of 3,500. "They thought enough of UNR's innovative program to ask me to describe it as their first guest editor," he said.

The Health Sciences Program is based on the premise that health care of the future will command a vast reorganization of care, utilizing health teams as well as solo practitioners. It provides academic experience geared toward preparing students to function within a team concept where feasible.

Dr. Baldwin said health teams are best adapted to working with patients with complex, chronic medical conditions or with families with multiple problems. Teams are uniquely suited to providing preventive medicine and have been especially useful in underserved areas and developing nations.

The essential core team is usually comprised of the physician, the nurse and the social worker. Allied health professionals medical technologists, psychologists, speech pathologists and the spectrum of other health care delivery personnel are brought in as consultants or regular team members, depending on the nature of the problem.

UNR has devised its unique educational program for health care teams because the team concept may prove to be the best answer for improved health care in remote areas and in communities too

small for solo practitioners.

According to Dr. Baldwin, the Nevada program is one of the broadest of its kind in the United States. Nearly 1,000 graduate and undergraduate students at UNR are given the opportunity to function as health team members from the beginning of their studies. They include students in preprofessional health care, medical and nursing school, medical technology and speech pathology. Undergraduates have a common core curriculum which serves several purposes. It provides a shared base of knowledge and learning experiences for those entering a variety of health professions. And it enables students to explore many health fields before making a commitment to a

Dr. Baldwin's being invited to edit the national publication is not the first instance in which the Health Sciences director has been asked to provide information on the program's educational content. Dr. Baldwin has received more than 100 letters of inquiry from universities, teaching hospitals and governmental agencies that administer health education programs. Requests for outlines of educational objectives and curriculum have come from throughout the United States and from Canada and England.

The "Health Team News" edition prepared by Dr. Baldwin was published in