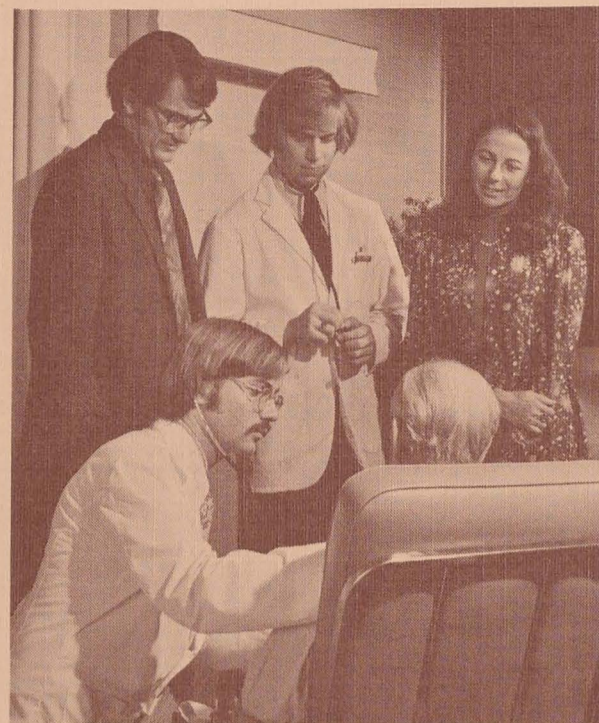


Health News

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

Spring 1975





Dennis Brown, sophomore medical student, examines an elderly patient, as John Altrocchi, Ph.D., professor of behavioral sciences and psychology; medical student Roger E. Jacobson; and Lillian Pearson, M.S.W., lecturer in behavioral sciences, from left, observe. Dr. Altrocchi has charge of community health placements for second-year students.

Student health team works with elderly, chronically ill

Students of medicine, social work and health sciences at the University of Nevada, Reno, have begun to assess the problems facing the aged through a unique program in community health, which focuses on gerontology and chronic illness.

Each week, the students meet for a half-day with their instructor, Lillian Pearson, M.S.W., lecturer in the School of Medical Sciences, at hospitals for extended care or residence facilities for the aged.

Their work takes them to Physicians Hospital, Riverside Hospital and the Reno Convalescent Center. In addition, they see residents at the various housing projects for the elderly under the auspices of the Reno Housing Authority and have held health assessment clinics at the Senior Citizens Center.

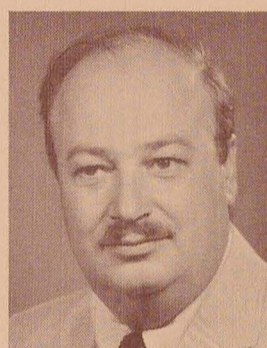
All students on the team have taken social histories, begun a group therapy program and made home visits. The medical students have participated in physical screening examinations, supervised by Don Haislip, M.D., and David Roberts, M.D.

The program's objectives are to provide health team experience in geriatrics for students who can later apply the experience in their professional lives. But the rewards to students, patients and staffs of the various facilities have gone beyond these objectives.

In addition to the immediate benefits of social and professional contact, the beginnings of essential, long-range solutions to the problems of the elderly are being explored.

The student health team believes that some of the loneliness and frustration of the aged can be alleviated by volunteers. "They have enough professionals to take care of their needs," said one student. "Non-professionals who could merely visit with them, talk, read, help them write letters would be most useful. Like all people, the elderly need others to show an interest in them."

Mrs. Pearson said that administrators of any of the facilities for the aged would welcome calls from volunteers.



Dean's Report

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

The School of Medical Sciences at the University of Nevada received accreditation for continuing medical education from the American Medical Association in December 1974. This was a noteworthy occasion in our history. Approval is provisional and extends for two years, the maximum length of time a new program can receive accreditation.

Continuing education is becoming ever more important in medical circles for physicians and allied health science workers. The reasons for this are many, but bear mainly upon the fact that the physician and health worker must meet an ever increasing public demand for perfection.

The rapid expansion of scientific and technical fields and the spiraling rate of change within them have created the consequence of accelerated technical obsolescence. A further result of this change is the partial obsolescence of much of the specialized training of the manpower that sustains the health care system.

For example, it was possible to educate a physician 30 years ago on the assumption that his knowledge and skills would be useful for most, if not all, of his professional life. Such an approach to medical education today is unrealistic. Five to 10 years is perhaps the longest time an active physi-

cian can now expect to be effective without continuing education to refurbish and update both his basic science knowledge and professional skills. It is not, therefore, surprising that the demands of motivated physicians and allied health workers are toward increasingly more productive methods for continuing education.

Nevada's School of Medical Sciences was one of the first medical schools to develop a Division of Educational Support and Communications as an early leader in attempting to bridge the gap between the educator and the physician. We are the second medical school in the second state in the United States to receive accreditation for continuing education for physicians statewide. This is an add-on responsibility the medical school has assumed in order to help Nevada physicians deliver the best medical care possible.

The University of Nevada is presently attempting to coordinate continuing medical education throughout Nevada. We are working with hospitals, medical specialty groups, allied health professional groups and others concerned with the medical care fields.

The university is not presently prepared to put on a significant number of continuing education programs. It will, however, serve

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as a coordinating body for these programs throughout Nevada, and will make special attempts to record hours and credit for all those participating.

In summary, the State of Nevada, through the university, is accredited to offer continuing education credit for programs conducted within the state. This is a new program. Even the concept is new and innovative.

We now need your help to make it a success. We are endeavoring to establish communications and interrelationships among all affiliated institutions and groups in the health care fields and the School of Medical Sciences Continuing Education Committee, which has statewide representation.

The task before us is challenging. Your cooperation, interest and input will make it infinitely easier. Let us hear from you.

Health News

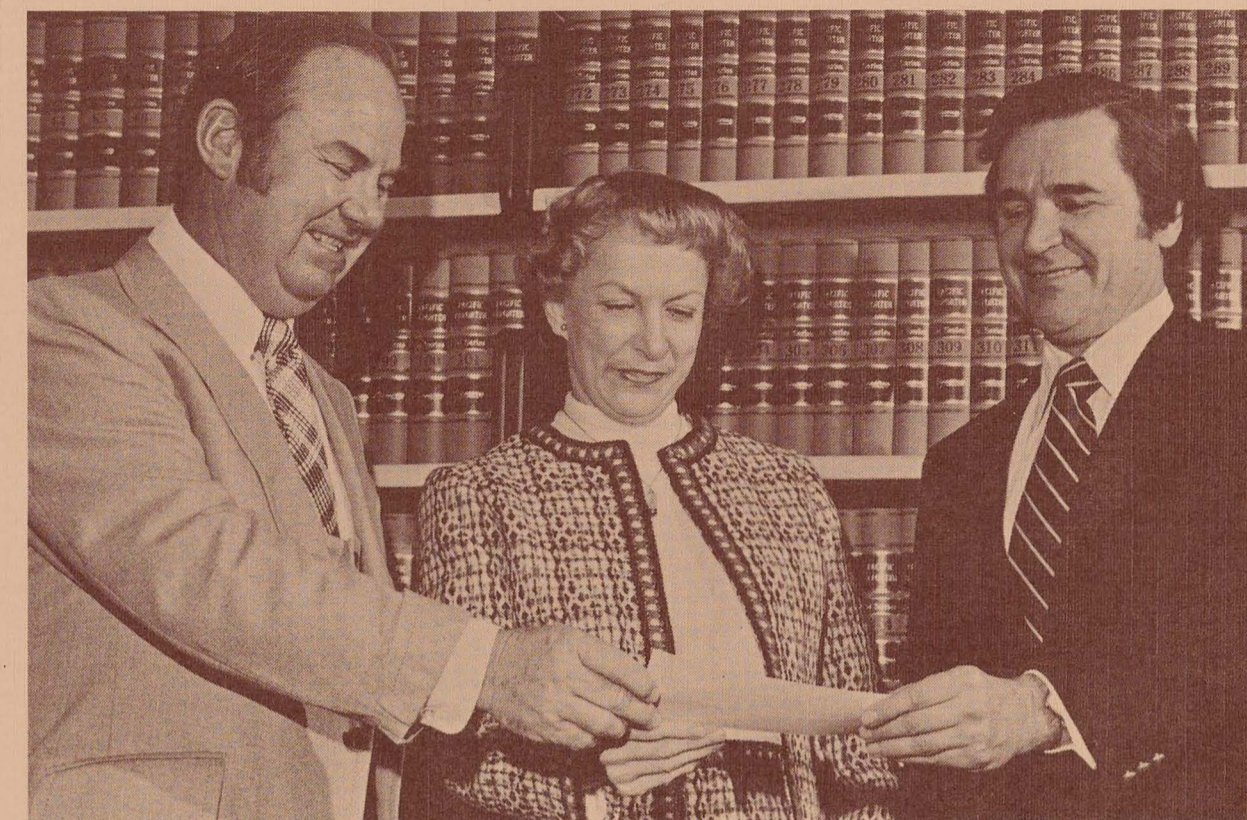
School plans \$1.7 million addition

Through a \$950,000 grant from the Department of Health, Education and Welfare (HEW), a grant of \$375,000 from the Fleischmann Foundation and an advance of \$375,000 in matching funds from Howard Hughes' Summa Corp., the University of Nevada, Reno, will erect a \$1.7 million addition to the Fred M. Anderson Health Sciences Building for use of the School of Medical Sciences.

The new construction will house an anatomy teaching laboratory, laboratories for microbiology and related disciplines, classrooms and a lecture hall seating 250.

The HEW and Fleischmann grant offers were made in July. The advance from Hughes is part of a 20-year pledge to support the development and operation of the five-year-old school. Under the agreement, the corporation will give the University of Nevada at least \$200,000 a year. However, to help the school qualify for available federal funds and the Fleischmann grant, both of which were contingent on the school's raising additional monies, the Hughes corporation advanced \$375,000 in December of last year.

Plans are now being drawn for the Anderson Building addition, with ground breaking anticipated in the spring.



James Wadsworth, left, attorney for Howard Hughes' Summa Corp., presented a \$375,000 check to Regent Helen Thompson of Las Vegas and Owen Peck, M.D., assistant dean for medical education in Las Vegas. The advance from the Hughes corporation allowed the School of Medical Sciences to qualify for Department of Health, Education and Welfare and Fleischmann Foundation grant offers for construction of a new wing to the Fred M. Anderson Health Sciences Building.

UNR medical school receives accreditation for statewide continuing education program

Accreditation for coordination of continuing medical education throughout the state has been granted to the School of Medical Sciences at the University of Nevada, Reno.

Notification of two-year approval has been received from the Council on Medical Education of the American Medical Association.

Meryl H. Haber, M.D., director of the Division of Laboratory Medicine and chairman of the school's Continuing Education Committee, said that many medical schools have accredited post-graduate programs, but the Universities of Nevada and North Carolina are the only institutions accredited to conduct such programs statewide.

Continuing medical education, designed to keep physicians and allied health professionals abreast of advances in their fields, is receiving increased attention in the United States. Dr. Haber said that many states are passing relicensing and recertification legislation requiring participation in continuing education programs, and medical specialty boards are supporting such recertification.

"An active continuing education pro-

gram in which university credit can be earned will attract health professionals from out-of-state who wish to combine advanced studies with the leisure attractions Nevada has to offer," said Dr. Haber.

The medical school will serve as a co-sponsor of educational programs, working with medical societies, hospitals and professional organizations. The school will provide teaching staff, graphics, examinations and other instructional media for the courses, which are expected to be self-supporting.

The School of Medical Sciences has a Continuing Education Committee with statewide representation to assist in planning and growth of the program. Members include Fred Boyden, M.D., radiologist, Reno; Miles Standish, Ph.D., associate professor of physiology, UNR, and director of education at the Reno Veterans Administration Hospital; J. Malcolm Edmiston, M.D., Reno surgeon and acting director of the school's Division of Clinical Sciences; and Mary Margaret Bride, M.S. Ed., curriculum specialist at the medical school.

Other committee members are Lawrence Schneider, Ph.D., associate profes-

sor of anatomy, UNR; Joseph Qualiana, M.D., internist and director of medical education at Southern Nevada Memorial Hospital in Las Vegas; Dan Wilkes, M.D., pathologist and director of medical education at Sunrise Hospital, Las Vegas; Richard Browning, M.D., Las Vegas internist; Owen Peck, M.D., professor of medicine and assistant dean for medical education in Las Vegas; George Manila, M.D., Elko pathologist; and Dr. Haber.

Cancer conference

Leonard Pearson, Ph.D., former visiting professor of behavioral sciences, represented the University of Nevada, Reno, School of Medical Sciences at an innovative conference sponsored by the National Cancer Institute in San Antonio, Texas, in January.

The meeting was concerned with the behavioral aspects of cancer control, with focus on the psychological and emotional factors in seeking early diagnosis, response to diagnosis and response to treatment and rehabilitation.



UNR Visitors

Mr. and Mrs. Nathan Adelson were recent visitors to the University of Nevada School of Medical Sciences. Mr. Adelson is president of Sunrise Hospital in Las Vegas, an affiliate of the medical school. The Adelsons are shown with Michael J. Humphrey, a second-year medical student who attended Las Vegas High School and the University of Nevada at Las Vegas.

New Family Health Maintenance Program emphasizes application of preventive medicine

Is the proverbial ounce of prevention worth a pound of cure?

Students, faculty and families participating in the new Family Health Maintenance Program at the University of Nevada, Reno, might give it an even higher value.

The program, begun during Fall semester, is both a learning device and research tool. It provides a clinical setting in which students in medicine, nursing, social work, medical technology and speech pathology can function as an interdisciplinary team, practicing preventive, rather than therapeutic, medicine. It also allows the practical study of such health care teams and clinics in relation to the specific needs in Nevada.

The student health teams use the Economic Opportunity Board Health Center three nights weekly for their clinic. Supervised by faculty from the School of Medical Sciences and Orvis School of Nursing, each team has one medical student and one or more students in the allied health professions.

Families that represent a cross-section of the Reno population have been asked to participate, giving the students a wider range of patient contact than is possible in even a hospital setting.

Each team works with a single family. The first responsibility of the students is to compile a family health profile — data based on histories, interviews and a physical examination that allows the teams to assess the total state of the family's health and define specific problems.

As problems are identified, the students develop treatment plans. Under the guid-

ance of faculty members, students may undertake appropriate therapy themselves. For treatment beyond their competence, outside resources are called in and referrals are made.

Finally, the students evaluate the effectiveness of the health care programs they have initiated and continue to monitor the families for evidence of change in their general health.

In the long run, the greatest value of the Family Health Maintenance Program may be what is learned about health care delivery needs for Nevadans, and how the practice of preventive medicine can be employed throughout the state.

The health team concept is comparatively new, and is proving useful particularly in rural areas and developing nations where there is little or no health care.

The health sciences faculty at UNR has devised its unique educational program for health care teams in the belief that the team concept may prove to be the best answer for improved health care in Nevada at comparatively small cost. The program is one of the broadest of its kind in the United States, and work in the Family Health Maintenance Clinic is only one of the opportunities afforded the more than 1,000 students in the health care professions at UNR to function in a team.

Reno health resources aid rural California hospitals

The Reno Health Network Project, a year-long effort to coordinate the work of rural northeastern California hospitals with Reno's three larger hospitals, has been funded by the California Regional Medical Program.

Administered by the Hospital Council of Northern California, the effort is under the direction of Mary Giannini, project coordinator.

Miss Giannini, who earned her master's degree in health administration at Cornell University last year, said she is also attempting to facilitate established referral and consultation patterns between the rural California and Reno hospitals. The

project's ultimate goal is to increase access to primary health care by enhancing the resources available to rural residents in northeastern California.

Miss Giannini is also working with the University of Nevada, Reno, School of Medical Sciences and the University of California, Davis, School of Medicine on continuing education programs in the allied health fields for rural practitioners.

In addition to the 12 California hospitals involved in the project, Miss Giannini is working with Washoe Medical Center, St. Mary's Hospital and the Veterans Administration Hospital in Reno.

Rural areas benefit from nurse practitioner program

Registered nurses in rural Nevada have an opportunity to become Rural Nurse Practitioners through completion of advanced studies in a new program conducted by Orvis School of Nursing at the University of Nevada, Reno.

Rural Nurse Practitioners are certified to provide expanded services in a variety of settings. They are prepared to make physical assessments of the patient, evaluate those assessments and make certain decisions on continuing care and referral.

The UNR course lasts 12 weeks, and the students need to be present on the UNR campus for only three of those weeks. The remaining coursework is conducted in the rural community by visiting nursing instructors, with local physicians serving as preceptors.

The program is directed by M. Sandra Bourbon, M.S.N., assistant professor of nursing. Shirley Howard, M. Ed., associate professor of nursing, and Linda Peterson, M.N., assistant professor of nursing, serve on the program faculty.

Ms. Bourbon has enlisted the services of practicing physicians in Reno and other Orvis School of Nursing instructors to serve as additional clinical faculty members.

Orvis School of Nursing began its feasibility study of a Rural Nurse Practitioner program in 1971 and determined that health care delivery in less well-populated areas of Nevada would be substantially improved by implementing such a continuing education course.

The Department of Health, Education and Welfare has granted \$360,942 for a three-year program designed to prepare 75 Rural Nurse Practitioners. Though aimed primarily at Nevada residents, applicants from out-of-state will be considered, providing they work in rural areas.

The first classes began in Elko during Fall semester with seven registered nurses enrolled. In addition to regular course and clinical work, the students have participated in an eye clinic and physical assessment clinic for senior citizens in Elko and a hypertension screening clinic under the sponsorship of the Nevada Heart Association. They also were involved in a breast and hypertension clinic in Wells and a self-breast examination clinic in Elko under the sponsorship of the Nevada Cancer Society.

Eventually, classes will be instituted statewide. Ms. Bourbon is presently conducting surveys in White Pine, Lander, Carson City, Clark, Nye and Mineral Counties to determine the most effective schedule. A total of seven programs will be held.

Orvis School of Nursing faculty members anticipate incorporating much of the Rural Nurse Practitioner coursework in undergraduate studies, thus providing UNR graduates with additional expertise.



Faculty and staff of the Rural Nurse Practitioner Program are, from left, Shirley Howard, M. Ed., associate professor of nursing; Linda Peterson, M.N., assistant professor of nursing; Anita Sheets, secretary; and M. Sandra Bourbon, M.S.N., assistant professor of nursing and program director.

GME will attend meeting

The Western Region Group on Medical Education (GME) of the Association of American Medical Colleges will meet in Reno April 24 and 25.

Robert Barbee, M.D., past associate dean and professor of medicine at the University of Arizona School of Medicine, chairman of the regional GME, has expressed his enthusiasm for the opportunity of the members to see the facilities at the University of Nevada and to get a closer understanding of the unique UNR program.

Dr. Bill Milliard, Ed.D., chairman of media relating to medical education at the University of Southern California, has met with members of the Division of Educational Support and Communications in Reno. He has indicated that some 35 GME members from the Western states are expected, including deans for continuing education, specialists in curriculum development, evaluation and media and rep-

resentatives from administrative offices who are responsible for making curriculum changes.

Some 10 papers will be presented, including those from Ronald Jordan, Ph.D., curriculum specialist, and Dan Tone, M.A., associate coordinator-multimedia, both of UNR.

Dan Oppleman, Ed.D., director of DESC and professor of medical education at UNR has charge of arrangements and Mary Margaret Bride, M.S. Ed., curriculum specialist at UNR, is assisting Dr. Barbee in program planning.

According to Ms. Bride, many Nevada medical school faculty members are expected to attend, participate and present papers.

"We hope for many informal group discussions, in addition to the regular sessions," she said. "This will be one of the most effective ways we can clarify our innovative program."

Response generous to medical school anatomical gifts program; donors make immeasurable contribution to art, humanity of medicine

In 300 B.C., knowledge of human anatomy was remarkably well advanced, as were the surgical techniques that had evolved from anatomical studies. The center for medical education was Alexandria, where the examination of human cadavers was routine.

But within a few hundred years, the teachings of these early Greeks had been forgotten. Medical knowledge and care regressed through more than a thousand years of religious interdiction and superstition.

The first modern anatomical treatise was written at the great medical school in Salerno in the 11th century. It described the viscera of a pig, which animal, the author said, resembled man internally, just as a monkey resembled man externally.

It wasn't until 1316, when Mondino of Bologna published "Anatomia," that the study of human anatomy was restored and physicians could begin the laborious acquisition of knowledge that has led to the great breakthroughs in medicine in the 20th century.

As medical knowledge has advanced, constraints on human dissection have been supplanted with the acceptance of its value and the increasing desire of persons to will their bodies to medical schools for teaching and research. And nowhere more than at medical schools, where anatomy classes are essential to the curricula, is the donation of ones body regarded as a selfless gift, providing longer, more meaningful life for others.

1,500 Donors

The School of Medical Sciences at the University of Nevada, Reno, has an anatomical gifts program, and response to it has been generous. More than 1,500 donors have filled out the essential forms to make their remains available to the school.

Donors usually cite altruistic reasons for their gift. Some add, matter-of-factly, that the donation to science of ones body removes the burden of death expenses from the survivors.

UNR's anatomical gift program is regulated by the Uniform Anatomical Gift Act, which has been adopted in all 50 states. The legislation has proved beneficial to medical schools nationwide, which faced possible shortages of essential anatomical

specimens. As late as the 1960s, most schools had to rely on the acquisition of unclaimed bodies — a source that grew smaller just as enrollments in medical education rose.

The act allows sane persons over 18 to bequeath all or part of their bodies to medical science. The wishes of the donor prevail over those of the survivors. Under special circumstances, the University of Nevada, Reno, School of Medical Sciences will accept donations arranged by next-of-kin.

Personal decision

The process of willing ones body to the medical school begins with a personal decision. The school recommends that such a decision be based on sound reasons and convictions, and that anyone considering such a gift discuss it with his family and, if he chooses, with his physician and attorney. The school also advises consultation with clergymen for those who wish to know the attitudes of their religious faiths toward such gifts. Early religious prohibitions have altered, and spokesmen for most faiths have assured those who wish to serve society in this way of the support of the church.

The late Richard Cardinal Cushing said, "There is nothing contradictory to the principles of Christian morality in the practice of dissecting the bodies of the dead for the purpose of advancing medical science."

Orthodox Jews still oppose post-mortem dissection and examination, but many Reform and Conservative Jews have a more liberal view.

Once the decision is made, the donor can fill out brief forms available at the Office of Anatomical Donations at the School of Medical Sciences. Lawrence Schneider, Ph.D., coordinator and associate professor of anatomy, or David Melarkey, his assistant, can answer further questions at that time.

Signatures

No legal assistance is necessary for completion of the forms, and only the signatures of two witnesses are required. The forms are instructions to turn the donor's body over to the school immediately after

death for use in medical teaching and research. Acceptance by the school, the form continues, is governed by the dictates of the Uniform Anatomical Gift Act, and the donor agrees that his remains may be cremated according to the university's policies.

Should a donor change his mind about making an anatomical gift, he need merely request that all copies of the forms be destroyed. Information concerning all anatomical gifts is held in strict confidence by the school.

At the time of death, the attending physician or hospital notifies the school promptly. The remains cannot be autopsied, and, in certain cases, the school cannot accept the anatomical gift. Examples of unacceptable gifts would be if the individual died of smallpox, diphtheria or scarlet fever or from a severe accident, explosion or gunshot.

Expenses

Willing ones body to the medical school is a gift, and no money is paid to donors. However, all death-related expenses, except transportation of the remains to the Reno area if the donor dies outside of the community, are borne by the University of Nevada.

The donor's remains may first be embalmed by a mortician and, should one be wanted, a funeral service is held. Then the anatomical gift is brought to the School of Medical Sciences, where the remains are reprofused. This procedure infuses the tissues with chemical preservatives, keeping the specimen supple and preventing deterioration.

After reprofusion, the specimen is sent to the anatomy laboratory if needed, or stored in a cold room.

At present, the 96 medical students utilize eight anatomical specimens — six students in each of the two classes studying a single cadaver. Ideally, four students per class should study a single cadaver, and it is hoped that this will be possible when expanded laboratory facilities are available.

The students are required to perform the dissections themselves. They also study more delicate or complicated structures from prosections — dissections performed

by professional anatomists. Observation of a prosection aids the medical students by showing them the best approach to a specific problem in anatomical study, by giving them a clear understanding of the landmarks utilized in such study and by providing an over-all understanding of the structure.

The anatomical specimens dissected by the students are kept in the anatomy laboratory for a single school year. Prosections are retained up to three years, occasionally longer.

Ashes returned

When the anatomical specimen has served its essential purpose, the Uniform Anatomical Gift Act specifies that the remains must be cremated. Arrangements can be made before death to have the ashes returned to the relatives or placed in an urn garden, plot or niche. If such arrangements have not been made, the university has the ashes stored in a repository by the crematorium.

According to George T. Smith, M.D., dean of the School of Medical Sciences, response to the anatomical donor program has been excellent, and the medical school does not, at present, have a shortage of anatomical study material. However, faculty anatomists, anticipating construction of expanded facilities, hope to increase specimens available for anatomical study to 12, since this will allow even more intense, meaningful learning experiences in this essential subject. Further, it is hoped that laboratory experience in human anatomy can be added to the undergraduate curriculum for students entering allied health care fields.

Transplantation

The School of Medical Sciences may use anatomical gifts for teaching and research only. Persons who wish to donate organs for transplantation should speak to their physicians or write to the Living Bank, 6631 S. Main St., Box 6725, Houston, Texas 77005.

The school can use anatomical gifts from persons who wish to donate their eyes for corneal transplant. The Reno Host Lions Club has established an eye bank at Washoe Medical Center, and information on the program is available from physicians, the nursing department at Washoe Medical Center, St. Mary's Hospital or members of the Lions Club or Washoe County Medical Society.

The education of tomorrow's doctors requires so very much — legions of devoted teachers, libraries of books and journals, storehouses of modern teaching materials — an expenditure of time and money and space that can hardly be measured. The task is immense, and there is little most persons can do to lighten the burden. But those who make an anatomical gift share in the essential growth of the art and humanity of medicine.



Barbara Lynn Salvadorini is the first student to receive her bachelor of science degree in speech pathology and audiology under the auspices of the School of Medical Sciences. Barbara was honored with a party given by students in the program and a certificate of recognition was awarded to her by George T. Smith, M.D., dean of the medical school, left. Also present was Curtis Weiss, Ph.D., director and associate professor of speech pathology and audiology. Barbara is the daughter of Dr. and Mrs. V.A. Salvadorini.

Program grows in Las Vegas

Though Owen Peck, M.D., has served as acting assistant dean for medical education in Las Vegas only since mid-summer, new School of Medical Sciences programs are already being implemented in Clark County.

Preceptorships — work-study sessions that allow medical students to work for extended periods with practicing physicians — were previously conducted during summer vacations only. They are now being offered during Christmas and Easter vacations also. Beyond the obvious benefits to the students, the expanded program allows participation of a larger number of Clark County physicians and includes those who are unavailable during summer.

In addition, a study of the feasibility of establishing family practice residencies in Southern Nevada is being conducted. Thomas L. Stern, M.D., director of the Division of Education of the American Academy of Family Physicians has met with members of the Las Vegas medical community to describe residency programs. According to Dr. Peck, Clark County has a number of "fine clinical facilities that could eventually sponsor such programs."

A system for accredited continuing medical education is being established. This

will enable professional medical societies statewide to conduct those programs they deem most desirable, with medical school personnel available as coordinators and credit being given through the School of Medical Sciences. Dr. Peck believes the accredited program will be most useful to Clark County, with its large number of resident physicians, diverse clinical facilities and ability to attract and accommodate many out-of-state physicians who would wish to combine continuing medical education with the leisure attractions of the area.

The assistant dean has also been able to provide information to students seeking careers in health care delivery. Dr. Peck added that he is getting excellent input on preprofessional health education programs from Mary Anne Michel, Ed.D., dean of the College of Allied Health Professions.

Though the assistant deanship in Las Vegas is a new post, Dr. Peck says he is already able to see positive results. He is especially pleased to be able to provide information to the Southern Nevada medical community on the availability of various grants.

"Nevadans everywhere seem to sincerely want to improve the state's health care," he said. "The people in Las Vegas have given me 100 per cent support."

Meet the faculty



Alastair W.B. Cunningham, M.D.
Professor of
Laboratory Medicine

M.B., Ch.B., University of Edinburgh Medical School, 1944.
M.R.C.P., Royal College of Physicians, 1949.
B.Sc., University of Edinburgh, 1950.
R.R.C.P., Royal College of Physicians, 1965.
M.R.C. Path., College of Pathologists, 1965.

At the time of appointment: Professor of Pathology, University of Pittsburgh.

Formerly: Professor of Pathology, Indiana University; Assistant Professor of Pathology, Harvard Medical School; Associate in Pathology, Peter Bent Brigham Hospital; N.I.H. Special Fellow in Research, Massachusetts Institute of Technology; Associate Professor of Pathology, University of Texas; Post Doctoral Fellow, University of Pittsburgh, Junior Lecturer-Pathology, Edinburgh University.



Michael W. Kendall, Ph.D.
Assistant Professor
of Anatomy

B.A., University of Northern Iowa, 1965.
M.S., Ph.D., University of Louisville, 1969, 1972.

At the time of appointment: Assistant Professor, University of Mississippi Medical Center.

Formerly: Instructor, University of Mississippi Medical Center; OWRR Research Fellow & PHS Anatomy Fellow, University of Louisville; Production Supervisor, Joseph E. Seagram & Sons.



Norman L. Allen, B.S.
Field Representative,
Health Careers for
American Indians Program

B.S., Business Administration, University of Nevada, Reno, 1973.

President and Vice President of the American Indian Organization.

Tribal Vice Chairman, Fallon.

Delegate to the Inter-Tribal Council and on the Board of Directors of the tribal enterprise known as Lance Manufacturing.



John N. Chappel, M.D.
Professor of Psychiatry

B.A., University of Alberta, 1955.
M.D., University of Alberta, 1960.
M.P.H., Harvard School of Public Health, 1965.

At the time of appointment: Chief of Psychiatric Staff, Illinois Drug Abuse Program; Assistant Professor, University of Chicago; Consulting Psychiatrist, Cook County Hospital and Chicago Board of Health; Consultant in Drug Abuse, Hines VA Hospital.

Formerly: Director, Medical-Psychiatric Department, Illinois Drug Abuse Program; Assistant Clinical Director, Illinois Drug Abuse Program; Resident in Psychiatry, University of Chicago; USPHS Fellow in Tropical Hygiene, Harvard School of Public Health; CARE-MEDICO (Malaysia), Medical & Health Officer.

Winner of Associated Hospitals Prize in Surgery, 1959, University of Alberta and Sidney S. Spaner Prize in Psychiatry, 1960, University of Alberta.



Jerry R. May, Ph.D.
Assistant Professor of
Behavioral Sciences

B.A., Western Washington State College, 1966.
M.A., Bowling Green State University, 1968.
Ph.D., Bowling Green State University, 1974.

At the time of appointment: Clinical Psychology Intern, V.A. Hospital, Palo Alto.

Formerly: Consultant, Zucker Center, Toledo, Ohio; Instructor, Bowling Green State University; Psychologist, Prince William City Comm. Mental Health Center; Base Psychologist, Marine Corps Development & Education Command; Research Assistantship, Bowling Green State University.



C. Louise Bayard-de-Volo, M.A.
Instructor/Research Assistant,
Behavioral Sciences.

B.A., M.A., California State University, Long Beach, 1967, 1970.

At the time of appointment: Instructor, Western Nevada Community College; Youth Counselor, Nevada State Employment; Secretary, Washoe County School District.

Formerly: Research Assistant, California State University, Long Beach; Consultant on Achievement Motivation, University of Hawaii.

M.D.'s serve as clinical advisers

Teacher, role model, "big brother," friend — clinical advisers to medical students are all of these.

The School of Medical Sciences has an active clinical adviser program so students can learn about the professional life of the physician and the clinical setting; can relate academic experiences to professional and community life; and be able to seek counsel and advice on personal and professional concerns.

Students and their clinical advisers determine how best they can work together to establish satisfactory and effective relationships. This may include frequent contact in both clinical and social settings, with the responsibility for initiating and continuing the relationship resting with the student.

Clinical advisers provide patient contact for the medical students when possible, so the students may observe how practicing physicians, when confronted with a problem, systematically collect data, interpret that data and test diagnostic and therapeutic hypotheses in an effort to solve the problem.

Washoe County physicians serving as clinical advisers to the freshman class are:

Drs. Robert Broadbent, Robert Myles, Robert Proctor, James Tenney, Alan Roche, Jerry Zebrack, Paul Jensen, James Colgan, William Carlson, Walter Noehren, John Woodbridge, Donald Day, Donald Mousel, Louis Levy, H. Douglas Jones, Fred M. Anderson, J. Malcolm Edmiston, Roy Peters, James Atcheson, Richard Inskip, A.A. Schonder, R.L. Stewart, Warren MacLellan, Franklin Black, James I. Botsford, Wesley W. Hall Jr., William Tappan, Robert Bruce, Gerald Dales, David Roberts, Johannes Jorna, Frederick Boyden, Anton Sohn, John Kraft, A. Truchard, Donald Haislip, James Herz, Michael Gainey, I. Marshall Postman, David Dapra, Newton Thompson, William Feltner, Richard Cavell, Robert Barnet, Donald Pickering and William Mann.

Acupuncture

Nevada physicians have collected case histories during the past year on the results of acupuncture, both favorable and unfavorable. The cases will be presented to the Board of Acupuncture and the Health Committee of the Legislature for study.

As chairman of the Major Health Issues Commission, John Sande, M.D., of Reno has been accepting findings since the Acupuncture Results Depository was established by the Nevada State Medical Association in Las Vegas last year.



Lung Association support

Rex T. Baggett, M.D., practicing physician in Carson City and president of the Nevada Lung Association, left, is shown presenting a check for \$10,000 to George T. Smith, M.D., dean of the School of Medical Sciences. The check was the last installment of a \$50,000 grant made five years ago to provide educational support relating to lung diseases. The Nevada Lung Association was the first health agency in Nevada to make such a grant to the University of Nevada medical school.

William Stephan heads NSMA

William K. Stephan, M.D., Las Vegas anesthesiologist, is president of the Nevada State Medical Association (NSMA). Dr. Stephan was president of the Clark County Medical Society in 1972.

He was appointed by Gov. Mike O'Callaghan to head the Physicians Advisory Committee to the State Welfare Program for 1973-74. He has chaired the NSMA's committee on Nevada Industrial Commission affairs since 1969. In addition he led the association's successful search for the group professional liability insurance program and now represents Nevada on the Physicians Liability Management Council.

A graduate of Harvard University and Tufts University School of Medicine in Boston, Dr. Stephan served an internship at Ohio State University Medical Center. He volunteered as an enlisted man in the Navy during World War II and as an Air Force medical officer during the Korean War, fol-

lowing which he completed an anesthesiology residency in Illinois. He practiced his medical specialty in Decatur, Ill., prior to moving to Las Vegas in 1964.

The 47-year-old Columbus, Ohio, native was the first chairman of the anesthesia department at Sunrise Hospital and later was medical director of that hospital's pulmonary department, a post he currently holds at Desert Springs Hospital.

Dr. Stephan is a diplomate of the National Board of Medical Examiners and the American Board of Anesthesiology; he is a Fellow of the American College of Chest Physicians and the College of Anesthesiologists. Fraternity affiliations include Sigma Chi and Phi Chi.

An ordained elder of the Presbyterian Church, Dr. Stephan is the father of three children and lives in Paradise Valley with his wife, the former Val B. Holliday of St. Paul, Minn.

Health News Briefs

An administrative secretary has been added to the staff of the Office of the Dean at the School of Medical Sciences.

Veronica Cooley has assumed the responsibilities for office management, professional records and the general organization of all medical school secretarial projects.

A New Jersey native, Mrs. Cooley has lived in Nevada for some five years and was the administrative secretary for the rural clinics division of the Department of Mental Hygiene and Mental Retardation at the time of her appointment.

She is married to Richard L. Cooley, an accountant with the firm of Chancellor, Barbieri and DeWitt.

Five University of Nevada anatomists on the School of Medical Sciences faculty will attend the 88th annual meeting of the American Association of Anatomists in Los Angeles in late March.

Those attending include Michael W. Kendall, Ph.D., assistant professor of anatomy; Lawrence K. Schneider, Ph.D., associate professor of anatomy; Clifford Stratton, Ph.D., assistant professor of anatomy; Caroline Wakefield, Ph.D., assistant professor of anatomy; and Joseph Fogel, B.S., visiting lecturer in anatomy.

Mr. Fogel and Dr. Schneider will present a paper entitled, "The Effects of Ascorbic Acid on Human Lymphocytes in Vitro." It deals with their work on the effects of vitamin C on cells involved in the immunological defenses of the body.

Dr. Schneider will also attend the meeting of anatomy chairmen.

Drs. Kendall, Schneider and Stratton will spend some of their time interviewing former UNR medical students who have transferred to the University of Southern California, the University of California at Los Angeles and the University of California at Irvine. The interviews are part of a continuing study of Nevada students who have transferred to degree-granting medical schools. The study is funded by the National Fund for Medical Education.

The American Academy of Family Practice was the first professional society to require continuing medical education for its members.

Patrick W. Flynn, M.D., and James C. Fulper, M.D., both of Carson City, spent more than a week in Honduras helping victims of Hurricane Fifi. The doctors, who were asked for their assistance through the Honduran consulate in San Francisco, made the trip at their own expense. Various pharmacies in Carson City, Gardnerville and Reno provided the doctors with medical supplies for their mission of assistance.

Among the gifts received by the medical school recently was a collection of volumes of the official history of the Medical Department of the United States Army in World War II.

They were sent by Col. John Lada of the U.S. Army's historical unit and have been placed in the Life and Health Sciences Library.

Also received were instruments, equipment and supplies from John E. Palmer, M.D., on behalf of the Hilp estate; videotapes and film for classroom instruction from Paul Miller, M.D.; and medical slides from Mrs. Walter Ehrlich.

The Development Office at the University of Nevada, Reno, School of Medical Sciences has reported an increase in memorial gifts to the school.

Edna Brigham, consultant for development, attributes the increase, in part, to thank you notes sent to all former donors during the holiday season. The notes reminded them that memorial gifts are frequently given to the school in honor of deceased friends.

Memorial gifts are tax deductible, and the donor may specify the use to which they will be put, if he desires.

The Development Office acknowledges the gift, both to the donor and to the family of the person memorialized.

Gov. Mike O'Callaghan paid tribute to the profession of nursing when he spoke to graduating members of a practical nursing class in Yerington.

"Without the nurse," he said, "there would hardly be reason for the doctor, because his work would be of little value without the follow-up actions of the nurses."

Lillian Pearson, M.S.W., lecturer in health sciences, and Len Pearson, Ph.D., former visiting professor of behavioral sciences, represented the School of Medical Sciences at the winter conference of the Association for Humanistic Psychology in Los Angeles.

Mrs. Pearson described her experiences supervising sophomore medical students in community health placements in gerontology.

Dr. Pearson described his work in teaching courses for health care professionals on the subjects of death and dying.

A junior student in pre-dentistry, Gerald Currence of Minden, is among the 20 undergraduate students at UNR to have been selected to appear in the 1974-1975 edition of "Who's Who Among Students in American Universities and Colleges."

Mr. and Mrs. Maxwell Kelch entertained more than 100 friends of the School of Medical Sciences at a reception following the January meeting of the medical school advisory board in Las Vegas. Mr. Kelch is a board member.

Two additional members have joined the School of Medical Sciences Speakers Bureau.

Wesley W. Hall Sr., M.D., retired Reno physician and former president of the American Medical Association, and Curtis Weiss, Ph.D., associate professor and director of the Speech Pathology and Audiology Program, are now available for speaking engagements to interested groups throughout the state.

The Speakers Bureau was formed late last year in response to requests for presentations describing the school's activities and the growth of medical education and health care delivery in the state. Faculty members and students are available to speak to medical and allied health service professional organizations, service clubs, women's clubs and veterans' organizations.

Groups desiring a Speakers Bureau member to provide a program may call the Public Affairs Office at the School of Medical Sciences, 784-6001.

Medical students began a series of "sack lunch seminars" in November. The weekly noon-hour meetings are as informal as the name implies, with students bringing their lunches, and speakers invited to discuss a variety of subjects of general interest.

Many of the programs have concerned topics in medicine — medical misjudgment, the history of medicine in Nevada, a review of brain research, medical ethics, acupuncture.

But other topics have been as wide-ranging as ski conditioning, archeology, mining, seismology, music and travels in Siberia.

Jane Simonsen, president of the second-year class, and Rob Mastroianni have planned the seminars, and invitations to attend are extended to all University of Nevada students through posters and personal invitation.

Speakers have included Chuck McGee, attorney; Fred M. Anderson, M.D., practicing physician and university regent; Owen Peck, M.D., professor of medicine and assistant dean for medical education in Las Vegas; L. Matthew N. Bach, professor of physiology; Eric Hoffman, medical student; Franklin Black, M.D., physician with the Veterans Administration; and W. Keith Macy, Ph.D., professor of music.

Students serve two-week preceptorships during mid-winter university recess

The freshman class of the School of Medical Sciences served two-week preceptorships throughout the state and in several California communities during the winter holiday.

The 48 students spent the time working closely with practicing physicians, observing and assisting in clinical settings. The winter preceptorship represents two of the total 10 weeks the students will have during their freshman year for such intensive training with physicians.

Three students, Richard Campbell, John Logan and Bill Roes, served preceptorships in Carson City with Patrick W. Flynn, M.D., Henry F. Davis, M.D., and Rex T. Baggett, M.D.

Dave Jensen worked in the Ely Clinic and Russ Everest worked with Darius F. Caffaratti, M.D., A.J. Dingacci, M.D., and Verlyn Elliott, M.D., in Fallon.

Teresa Saldubehere served her preceptorship in Yerington with Marvin I. Beams, M.D.

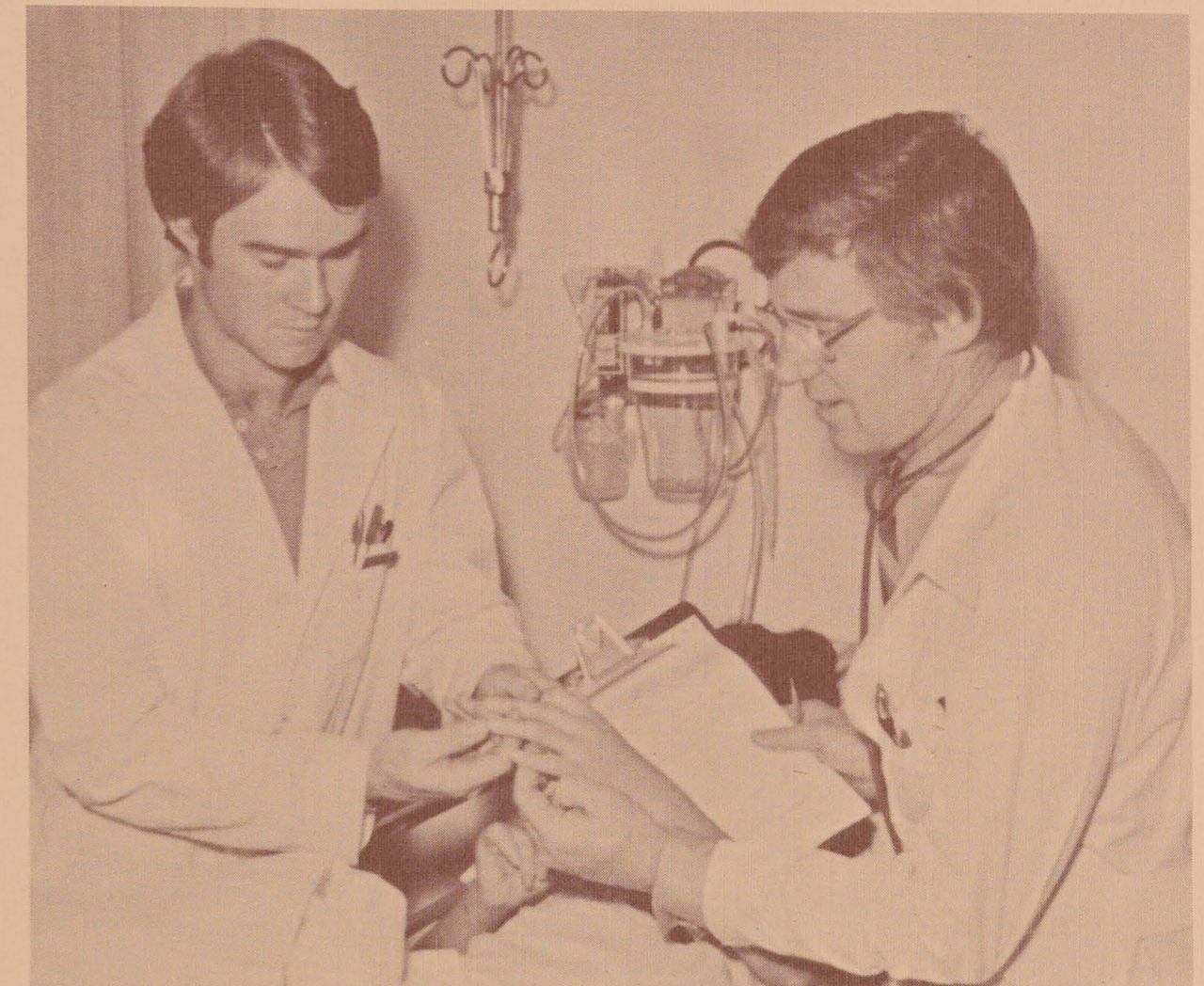
Four students, Michael Daines, Charles Davis, David Hirsh and Jim Row, worked with Harold L. Feikes, M.D., Dennis G. Campton, M.D., Alan W. Feld, M.D., and William B.A. Bentley, M.D., in Las Vegas.

Most students remained in the Reno-Sparks area for their preceptorships. They included Robert Armbruster, Barbara Bates, Edward Bentley, Eylia Boies, Cathy Cantrell, Paul Christensen, David Combest, Dave Crossley, DiAnne Dukes and Marcus Erling. Also Anthony Guida, Ward Gulley, Susan Heckman, Judy Hilbish, Patricia Hodges, Joe Hollen, Sister Carole Hurray, Kevin Kavanagh, John Kremer, Carrie Lee, Fred Leonard and Marilyn Moore. Also John Peters, Jon Peterson, Robert Rignell, John Ryan, Leslie Smith, Mike Snyder, Mike Stouder, Mary Stuart, Christopher Taylor, Joe Toth and Joe Wilkin.

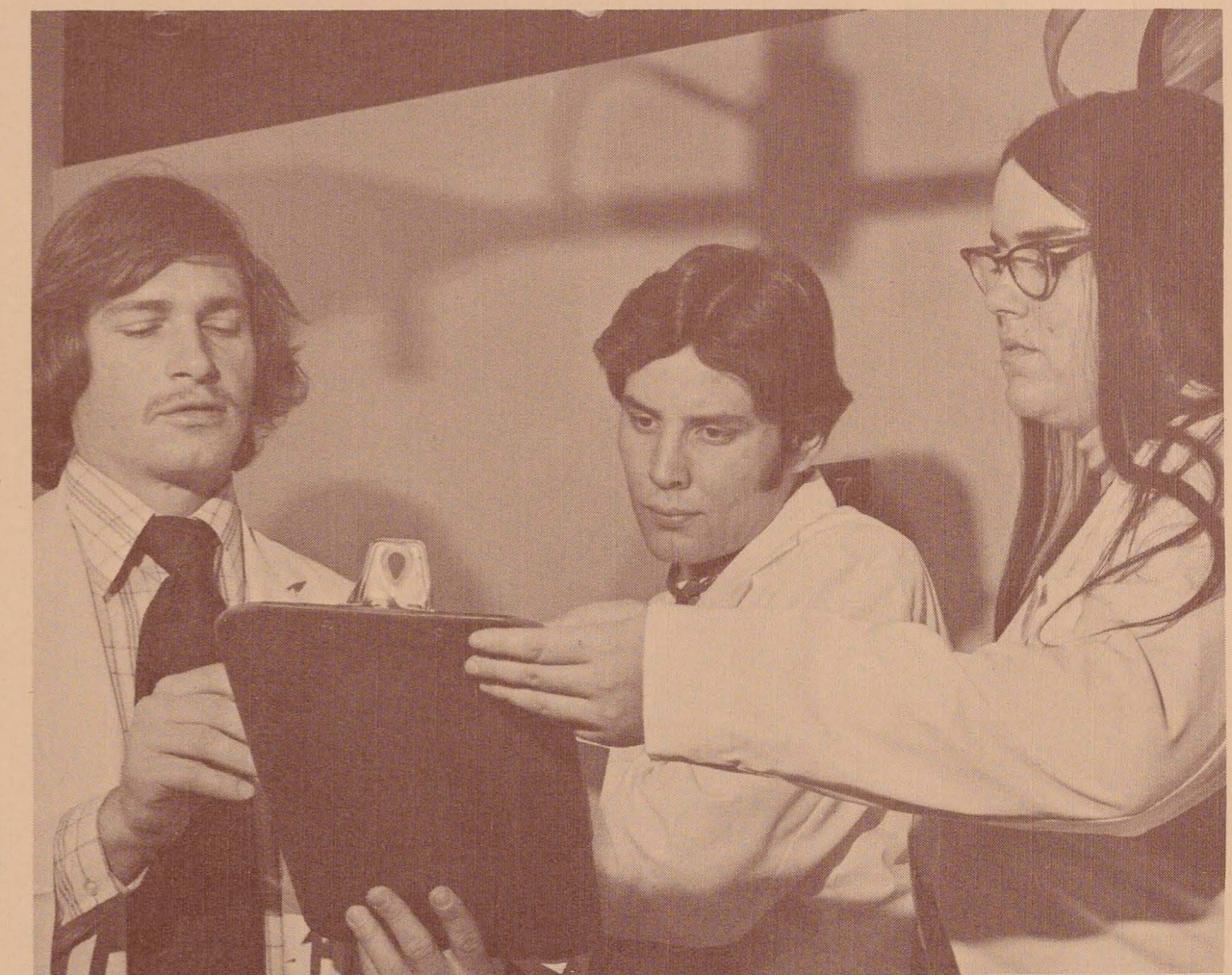
Washoe County preceptors included Drs. David Dapra, Donald Haislip, Anton P. Sohn, V.A. Salvadorini, John W. Callister, I. Marshall Postman, Harry O. Hendrick, Donald W. Day, David L. Roberts, Fred M. Anderson, J. Malcolm Edmiston, Roy Peters and James Botsford.

Also Drs. Wesley W. Hall Jr., Michael Gainey, Robert C. Simon, Warren J. MacLellan, George W. Prutzman Jr., Frances Selsnick, Robert L. Bruce, Ronald J. Rothstein, Leonard Shapiro, Robert Broadbent, Franklin Black, Gerard E. Glenn, Edward S. Gallagher, William F. Mann, Robert K. Myles, Alfred Maher and Anthony Kotnik.

Douglas McKenzie and Francis Shannon served their preceptorships at the Haight-Ashbury Free Clinic in San Francisco and Scott Malan served with Dr. M.D. Woolf in Redding, Calif.



Mid-winter preceptorships found students working with practicing physicians throughout Nevada and in several California communities. In the photo above, Charles Davis of Overton is shown in the emergency room of Sunrise Hospital in Las Vegas with Dennis G. Campton, M.D., right. Below, J. Swinehart, M.D., reviews medical charts with students Mike Stouder and Marilyn Moore at Washoe Medical Center in Reno.



First M.D. degree awarded to UNR medical student

The first doctor of medicine degree to be conferred on a student who completed his first two years of medical education at the University of Nevada, Reno, School of Medical Sciences, was awarded Dec. 13 to Capt. Michael G. Kinnison of Sparks.

Capt. Kinnison, a member of the UNR charter class of medical students, transferred to the University of Colorado in June 1973 for completion of his medical degree. Since he was in an accelerated program, his graduation from medical school precedes that of his charter classmates by a full semester.

A member of the U.S. Air Force, Capt. Kinnison has reported to Keesler Air Force Base in Biloxi, Miss., where he is receiving advanced training in internal medicine.

Capt. Kinnison was graduated from Sparks High School in 1961 and entered UNR in 1962. He received his B.S. degree

in zoology in 1966 and began his graduate training in animal science at UNR the following year. His master's program was interrupted at the end of the first semester, when he was commissioned in the U.S. Air Force.

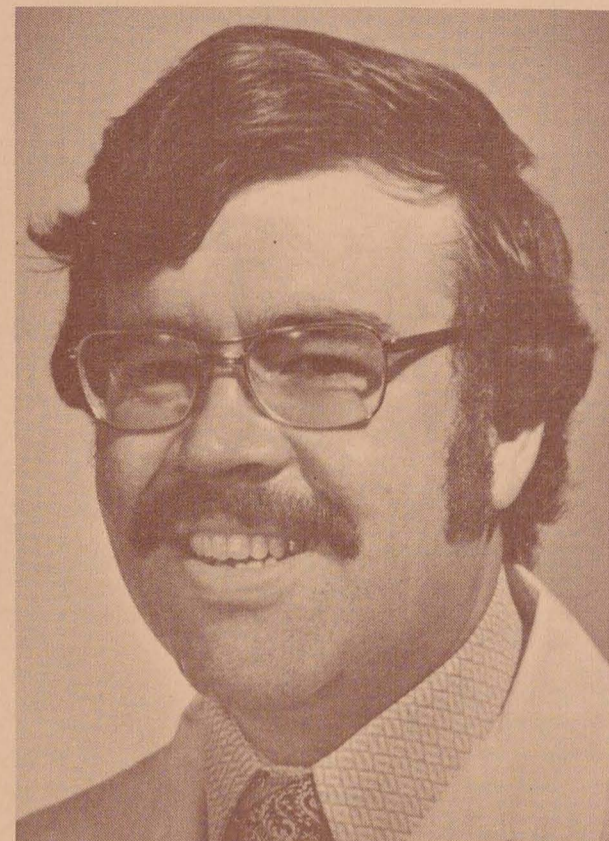
He served in Vietnam and received two Commendation Medals for meritorious service.

He is married to the former Barbara Trimmer of Reno and has two sons, Steve, 6, and Jeff, 3.

During his clinical rotations at the University of Colorado, he received honors in both medicine and neurology.

Following his residency, Capt. Kinnison hopes to return to the Reno-Carson City area to practice.

He is the son of Mr. and Mrs. C.B. Kinnison.



Capt. Michael G. Kinnison

Gifts enable purchase of electron microscope

An electron microscope for use in teaching, diagnosis and research has been purchased by the School of Medical Sciences at the University of Nevada, Reno.

The scope employs electron beams for magnification. Such instruments are used extensively to recognize diseased tissues long before they would be apparent with standard light microscopes. They have proved particularly useful in the study of cancer and kidney and cardiovascular diseases, and in enabling students to advance their understanding of the distinctions between healthy and diseased cells.

The Hitachi H.U.-125E model electron microscope has an exceptionally high magnification capability. Clifford Stratton, Ph.D., assistant professor of anatomy at UNR, has published research material at a magnification of 580,000x using an identical scope.

To clarify the capabilities of the instrument, Dr. Stratton said that a cell membrane could be magnified to a quarter-inch — the equivalent of magnifying a 12-inch ruler to 120 miles, the distance between Reno and Sacramento.

Gifts for acquisition of the electron microscope were received from the following sources: Luke B. Hancock Foundation, \$25,000; Wilbur May Foundation, \$12,500; Timken-Sturgis Foundation, \$2,500; H. Edward Manville, \$5,000; and the Ed and Mary Von Tobel Foundation, \$1,000.

The \$46,000 total allows purchase and installation of the instrument in Mackay

Science Hall, plus maintenance and equipment for specimen preparation and darkroom facilities for development and printing of photos taken with the scope.

The medical school has several faculty members with research projects requiring the use of an electron microscope.

Dr. Stratton is concerned with the mechanisms that release chemicals between neurons in the nervous system.

Caroline Wakefield, Ph.D., assistant professor of anatomy, is studying the fine structure of brain tissue.

Thomas Kozel, Ph.D., assistant professor of microbiology, is concerned with the mechanism by which several infectious agents are able to evade the body's defense mechanisms.

The nature of human tissue injury which can be caused by cellular products derived from parasitic fungi is the immediate concern of David Lupan, Ph.D., assistant professor of microbiology.

Frank Ciofalo, Ph.D., associate professor of pharmacology, is searching for the site of action of narcotics in brain tissue.

Studies of the functional aspects of the emotional brain are being conducted by L. Matthew N. Bach, Ph.D., professor of physiology.

Beyond its specific uses by students and faculty members, the electron microscope is expected to be useful to practicing physicians in Nevada, enabling them to secure more definite and earlier diagnoses.

Alumni association formed

With the award of the first doctor of medicine degree to a University of Nevada medical student, the School of Medical Sciences has established an alumni association.

Michael Kinnison, M.D., the first graduate, has agreed to serve as president pro tem of the association.

George Manning, who has completed all requirements for his M.D. degree at the University of Oregon School of Medicine and is now serving his residency in family practice at Ft. Benning, Ga., is the vice president pro tem. Manning will be awarded his M.D. degree at commencement exercises in June.

The next two students to complete their studies in medical education will be asked to serve as secretary and treasurer pro tem. Upon graduation of all members of the charter class in June, the officers will conduct an election and association members will draft by-laws.

Several charter class students have suggested that the association publish a newsletter to help keep them in closer touch as they enter their residencies and practice.

Paper presented

Gerald Matheson, M.A., assistant professor of nursing, presented a paper on interdisciplinary education for students of the health related professions at the annual meeting of the Society of Allied Health Professionals. The meeting was held in New Orleans in mid-November.