



Our Vision: Innovation

UNLV is creating a world-class center for education, patient care, and research that prepares Nevada's doctors with the most innovative and technologically advanced forms of medical training while serving the health care needs of a diverse and urban population through community partnerships. UNLV School of Medicine will:

- Build clinical, education and research programs in cardiology, neuroscience, mental health and addiction, cancer and orthopedics.
- Train doctors and specialists to care for Nevadans health care needs.
- Generate a local economic impact of more than \$1 billion annually and create 8,000 jobs by 2030.

UNLV School of Medicine is scheduled to start accepting applications for its charter class in 2016, with classes starting fall 2017. The first class will consist of 60 students. A scholarship campaign currently is underway to help cover the tuition expense for each student.

Students will learn how to provide high-quality and efficient care using a problem-based curriculum, which employs a team-based approach to solve potential scenarios. Their education will emphasize the basics of medicine by building on the classic "history and physical exams" approach while employing the most technologically-advanced equipment and genomic data. Our students will be fluent in how to use the human genome, information technology, and whatever the next evolution may be, to think through how to make diagnoses and treat diseases. In addition to the usual medical educational content, six specialty programs will be offered as core blocks for all students. These include community and public health, clinical research, bioethics, business and finance, leadership and community, and mental health and addiction.

The UNLV School of Medicine plans to build its research on areas of current strength and also greatest community need. Current strengths include neuroscience, cardiology, and cancer; the greatest needs are mental health and addiction. UNLV School of Medicine will develop early research programs that will be coordinated with the Cleveland Clinic/Lou Ruvo Center for Brain Health, whose focus is to care for patients with Parkinson's, Alzheimer's and Multiple Sclerosis, and provide high-level clinical trials research. This can be supplemented by UNLV School of Medicine research that will develop anonymous genomic profiles of sets of patients with these diseases. This research may potentially lead to new clinical trials with drugs that target an individual's actual genetic makeup. Such work is already taking place at UNLV but needs to be expanded. Two other areas of strength at UNLV include radio-pharmacology and computational

science with large databases. Additional medical research in these areas would complement the UNLV School of Medicine and be of great value to the medical community.

For more information: www.unlv.edu/medicalschoo