Student-centered education for patient-centered care.
VISION STATEMENT

Create a world-class center of excellence and innovation for medical education, patient care, and research that prepares Nevada’s physicians with the most advanced knowledge, treatments, and technologies while serving the health care needs of our diverse urban community.

Welcome to
UNLV School of Medicine

Dear Future UNLV School of Medicine Student:

For the past two years, I have had the unique privilege to lead the start up of the UNLV School of Medicine as its founding dean. It has been an incredible journey to build a brand new medical school that educates high skilled, well-rounded, and culturally competent students.

In developing the UNLV School of Medicine educational program, I began with these questions: What will students today need to know if they practice medicine for the next 50 years? What needs to be taught, how is it most effectively taught, how will we know if we’ve been successful, and how do we select students who will become the compassionate and caring physician that you might want for your own personal physician?

Our goal was to provide you with an innovative, high quality, and unique educational experience that would help you to achieve these qualities upon graduating:

- Excellent communication skills
- Exceptional ability to take a history and complete a physical examination
- Ability to work with and value the health care team
- Capable of finding the most current and best information in medical literature while treating patients
- Inquisitive and highly skilled using the most advanced technology
- Deep understanding of community needs and the desire to help solve them
- Strong moral and ethical compass

When you join UNLV School of Medicine – you will become part of an incredible leadership team to build a world-class medical school, clinical practice, and research center for Southern Nevada. Each student of our charter class will play a critical role in the medical school’s development and accreditation.

Each of you will help lay the foundation for the school’s student culture, organizations, and state and community service programs. You are the true pioneers of medical education and your time at UNLV School of Medicine will make a difference for generations.

I look forward to working with you to improve Southern Nevada’s health care infrastructure, access to quality care, and to build new innovative teaching programs.

Best wishes,

**Barbara Atkinson, MD**

*Founding Dean*
Students who want an intensive, hands-on educational experience – one integrated in the community with four years of patient care practice – then the UNLV School of Medicine is the right school to start a rewarding career in medicine.

**UNLV School of Medicine offers a first rate and unique experience**

- One-on-one and small-group interaction with faculty all four years
- Emergency Medical Technician (EMT-B) certification
- Problem-based learning focused on real-life clinical cases
- Cutting-edge virtual anatomy and microscopy
- Coroner’s experience: students participate in autopsies
- Longitudinal integrated clerkship offering students patient care experiences combined with full integration into the clinical team for an entire year
- Hospitality in health care principles intricately woven into the student and patient experience
- Community service and engagement all four years
Medical students who complete their education at UNLV School of Medicine will have the expertise and competency to pursue their specialty, practice, and profession in any health care setting.
# MD Curriculum Educational Program Objectives

**Curriculum Location (C/L)**

## General Competencies

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## Educational Program Objectives

### Sciences Knowledge Base

1. Apply the principles of anatomy, behavioral science, biochemistry, biostatistics, cell biology, epidemiology, genetics, immunology, microbiology, pathology, pharmacology, and physiology to determine the etiology, pathophysiology, diagnosis, treatment, and prevention of significant human disorders.

   - CI: 1, 2, 4
   - Medical Knowledge
   - Professional Formation
   - Practice-Based Learning and Improvement
   - Systems-Based Practice

   - Outcome Measures: NSBE, PE, SGI

2. Identify and propose a treatment plan for acute and chronic diseases.

   - CI: 1, 2, 3, 5
   - Medical Knowledge
   - Professional Formation
   - Practice-Based Learning and Improvement

   - Outcome Measures: ACLS/BLS, OSCE, NBME, PE

### Attributes

3. Demonstrate personal accountability, altruism, humanism, self-awareness, and humility in the care of patients, self, and others.

   - CI: 1, 2, 3, 5
   - Medical Knowledge
   - Professional Formation
   - Practice-Based Learning and Improvement

   - Outcome Measures: CE, PE, SGI

### Clinical Skills

4. Communicate effectively with patients, families, and other healthcare professionals, including in situations involving communication barriers.

   - CI: 1, 2, 3, 5
   - Medical Knowledge
   - Professional Formation
   - Practice-Based Learning and Improvement

   - Outcome Measures: OSCE, PE, SGI

5. Conduct and document complete and focused medical histories and physical examinations, and recognize confounding factors including age, gender, socioeconomic factors, socioeconomic status, family history, and emotional state.

   - CI: 2, 3, 5, 6
   - Medical Knowledge
   - Professional Formation
   - Practice-Based Learning and Improvement

   - Outcome Measures: OSCE, PE

6. Correctly perform basic procedural skills with attention to patient comfort and safety.

   - CI: 2, 3
   - Medical Knowledge
   - Professional Formation
   - Practice-Based Learning and Improvement

   - Outcome Measures: PE

### Patient as a Person

7. Integrate epidemiologic, socioeconomic, behavioral, sociocultural, and community factors into patient care.

   - CI: 1, 2, 4, 5
   - Medical Knowledge
   - Professional Formation
   - Practice-Based Learning and Improvement

   - Outcome Measures: OSCE, PE, SGI

8. Apply knowledge of wellness, nutrition, hospitality principles, pain management, and integrative medicine to patient care.

   - CI: 1, 2, 3, 5, 6
   - Medical Knowledge
   - Professional Formation
   - Practice-Based Learning and Improvement

   - Outcome Measures: CE, PE, SGI

9. Anticipate ethical issues encountered in clinical care and research, explain ethically justifiable options and consequences from multiple perspectives, and manage ethical challenges in medical practice and research.

   - CI: 1, 2, 3, 4, 6, 7
   - Medical Knowledge
   - Professional Formation
   - Practice-Based Learning and Improvement

   - Outcome Measures: CE, OSCE, PE, SE, SGI

10. Provide appropriate patient-centered counseling techniques to improve outcomes and patient satisfaction, and to promote optimal use of healthcare resources.

    - CI: 2, 3, 5, 6
    - Medical Knowledge
    - Professional Formation
    - Practice-Based Learning and Improvement

    - Outcome Measures: OSCE, PE

11. Identify end-of-life care issues, including palliative care, from the perspectives of patient, family, and healthcare providers.

    - CI: 1, 2, 3
    - Medical Knowledge
    - Professional Formation
    - Practice-Based Learning and Improvement

    - Outcome Measures: CE, PE, SGI

### Critical Judgment and Scholarship

12. Demonstrate advanced clinical reasoning to develop and narrow differential diagnoses by merging clinical information with knowledge of mechanisms of disease.

    - CI: 1, 2, 3
    - Medical Knowledge
    - Professional Formation

    - Outcome Measures: CE, OSCE, PE, SGI

13. Formulate clinical questions and apply evidence-based medicine to provide quality healthcare to individuals and populations.

    - CI: 1, 2, 4
    - Medical Knowledge
    - Professional Formation

    - Outcome Measures: CE, PE, SGI

14. Practice scholarship based on scientific research methods.

    - CI: 7
    - Medical Knowledge

    - Outcome Measures: CE, SE

### The Medical Practice and its Role in the Community

15. Identify the personal skills and systems-level processes that support continuous quality improvement, including patient safety.

    - CI: 1, 2, 3, 6
    - Medical Knowledge
    - Professional Formation

    - Outcome Measures: CE, OSCE, PE, SGI

16. Advocate for the improvement of public health outcomes through community engagement and the analysis of social determinants of health and disease.

    - CI: 1, 5
    - Medical Knowledge

    - Outcome Measures: CAPSTONE, SGI

### Healthcare Systems

17. Discuss the core financial, legal, structural, policy, and regulatory aspects of the United States healthcare system and their impact on the delivery of healthcare.

    - CI: 2, 3, 5, 6
    - Medical Knowledge

    - Outcome Measures: CE, PE

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ACLS/BLS = Advanced Cardiac Life Support/Basic Life Support; Capstone = project leading to scholarly presentation; CE = Course Exam; NBME = National Board of Medical Examiners Exams; OSCE = Objective Structured Clinical Examination; PE = Preceptor Evaluation; SE = Self Evaluation; SGI = Small Group Faculty Evaluation
Committed to Ensuring an Affordable Medical Education

UNLV School of Medicine is committed to making medical education affordable. Students graduating from UNLV School of Medicine will have the ability to select a specialty they are passionate about and not because of student debt. That’s why UNLV School of Medicine is awarding full tuition scholarships for every student in its charter class, and 40 percent of the students in each subsequent class through 2020.

“We want students with the desire to live and work in Nevada once they complete their undergraduate and graduate training.” — Dr. Barbara Atkinson, Founding Dean
Future Students

UNLV School of Medicine’s objective is to attract academically talented students from Nevada and neighboring states who represent the diverse population of the region and who demonstrate these core values and characteristics:

- Commitment to service
- Compassion and empathy
- Desire to learn
- Dedication to helping patients and their families
- Resilience and persistence
- Strong communication, social, and leadership skills

How to apply

Students interested in applying to the UNLV School of Medicine must submit their application to the American Medical College Application Service (AMCAS). Grades and MCAT scores are a requirement of the application process, however UNLV School of Medicine also places value on the entire student profile — personal characteristics, educational background, interests, hobbies, community service experience, and previous employment contribute to your application.

Required premedical coursework

UNLV School of Medicine values students from all fields of study, and encourages applicants whose undergraduate education included both science and non-science coursework.

College-level required courses for consideration by UNLV School of Medicine include the following:

- Biology: three semesters; one semester must have laboratory experience
- Biochemistry: one semester
- Behavioral Science/Psychology or Sociology: one semester

Courses recommended but not required for consideration into the UNLV School of Medicine include:

- Genetics
- Immunology
- Molecular Biology
- Physiology
- Statistics

Make history with us

Students who are accepted into the charter class will become an integral part of transforming Southern Nevada’s health care and propelling the medical school toward achieving its goal of excellence through the accreditation process. In addition to advancing health care, and providing care to thousands of underserved patients, students also will participate in accreditation surveys and provide valuable feedback to the national accrediting body on the school’s curriculum.
UNLV School of Medicine will build research programs in neuroscience, cardiology, cancer, mental health and addiction. One of the first areas of research will involve cancer treatment. The medical school plans to create a state-of-the-art cancer center that serves the needs of our community and meets the high requirements that will allow it to become the first center to earn National Cancer Institute (NCI) designation in Nevada.

Our plan is to take a stepwise approach in building up to NCI cancer center designation. We’ll do this by first establishing core facilities such as bioinformatics, genomics, and a clinical trials office, that are essential to supporting the clinicians and researchers who will offer personalized treatment to each patient at the cancer center.

— Parvesh Kumar, MD
Chair of the department of radiation oncology, cancer program director, and senior associate dean of clinical research
Medical students will attend classes in the newly designed learning space at the UNLV School of Medicine Shadow Lane Campus, Building B located at 1001 Shadow Lane, in the heart of the Las Vegas Medical District (See #1). The new high-tech facility is designed to enhance student learning with individual and small group meeting spaces.

Facilities include:
- Classrooms
- Virtual anatomy Lab
- Health Sciences Library
- Small Group Study Rooms
- Student Lounge
- Student Gym

Future home coming soon

The UNLV School of Medicine’s future home is part of a citywide effort to create a state-of-the-art Las Vegas Medical District. The 214-acre medical district is located just North of the city center – West Charleston Boulevard and the 1-15 corridor.

The medical school will be located at 625 Shadow Lane on nine acres, near two major hospitals – the University Medical Center, our major teaching hospital with the only Level 1 trauma center in Nevada, and Valley View Hospital. Also nearby is the Cleveland Clinic Lou Ruvo Center for Brain Health.

By 2030, the Las Vegas Medical District will be the premier academic medical district in the southwestern United States.
About Las Vegas

Las Vegas is home to over 2 million residents and host to 40 million visitors each year. Students will learn clinical medicine in this busy, fast-paced, urban environment and will work side-by-side with faculty physicians and residents to provide excellent patient care. The school is affiliated with the University Medical Center, its Level 1 Trauma Center, and robotic surgery center; as well as the Veteran’s Administration Medical Center, a state-of-the-art hospital in North Las Vegas. Students attending UNLV School of Medicine have the opportune backdrop to become culturally competent physicians.

Even though Las Vegas boasts more than 2 million residents it’s still a small town at heart making it easy to live and work. Plus, it’s extremely affordable. The Las Vegas valley offers the best of everything – from world-class entertainment and dining, to seven national parks within a two to four hours drive for hiking, biking, and more.
Academic Leadership Team

Laura Culley, MD  
Associate Dean for Health Policy and Community Affairs  
More about Laura Culley »

Neil Haycocks  
MD, Ph.D.  
Director of Biomedical Science Integration  
Associate Professor in Residence of Pathology and Laboratory Medicine  
More about Neil Haycocks »

Stephen Dahlem, MD  
Director of Case-Based Learning  
Assistant Professor in Residence of Pediatrics  
More about Stephen Dahlem »

Ann Diggins, MA  
Director of Admissions and Student Affairs  
More about Ann Diggins »

Miriam E. Bar-on, MD  
Senior Associate Dean for Graduate Medical Education and DIO  
More about Miriam E. Bar-on »

Barbara Atkinson, MD  
Founding Dean  
More about Barbara Atkinson »

Ellen Cosgrove  
MD, FACP  
Vice Dean for Academic Affairs and Education  
More about Ellen Cosgrove »

Tracey Green, MD  
Vice Dean for Clinical Affairs  
Professor of Family Medicine  
More about Tracey Green »

Samuel Parrish, MD  
Senior Associate Dean for Student Affairs and Admissions  
More about Samuel Parrish »

Parvesh Kumar, MD  
Professor & Chair, Department Of Radiation Oncology  
Senior Associate Dean For Clinical Research  
Principal Investigator, Mountain West Ctr-In  
More about Parvesh Kumar »

Samuel Parrish, MD  
Senior Associate Dean for Student Affairs and Admissions  
More about Samuel Parrish »

——— Neil Haycocks, MD  
Director of Biomedical Science Integration

Going to medical school is a transformative experience, one in which challenge and hard work are balanced by reflection and support. Building this curriculum from scratch allowed us the opportunity to be deliberate in every aspect of the program. Our graduates will emerge ready to meet the health care needs of Nevadans.
Student-centered Education
For patient-centered Care.