

## **Core Learning Objectives of the UNM-SOM Curriculum**

The overall educational objectives for the School of Medicine are based upon the 6 ACGME competencies of 1) Medical knowledge, Integration and Critical Reasoning, 2) Patient Care, 3) Practice Based Learning and Improvement, 4) Professionalism, Ethics and Self-Assessment, 5) Interpersonal and Communication Skills, and 6) Systems and Community Based Practice. The objectives are as follows.

### ***Competency: Medical Knowledge, Integration and Critical Reasoning***

#### **Global Objectives:**

- Describe and apply the fundamental scientific principals necessary for the practice of medicine, including:
  - The normal structure and function of the body and each of its major organ systems
  - The molecular, biochemical, and cellular mechanisms that are important in maintaining the body's homeostasis.
  - The important causes of maladies and the ways in which they operate on the body.
  - The altered structure and function of the body and its major organ systems that are seen in the major diseases and conditions.
- Identify and discuss the behavioral and population aspects of health, especially as these relate to patient care and preventive medicine in individuals and communities.
- Apply skills necessary for effective problem-solving in the clinical and community setting, including hypothesis generation and hypothesis testing.
- Apply the scientific method in establishing the causation of disease and efficacy of traditional and non-traditional therapies.

### ***Competency: Patient Care***

#### **Global Objectives:**

- Gather essential and accurate information about their patients
- Make informed decisions about diagnostic and therapeutic interventions based on patient information and references, up-to-date scientific evidence, and clinical judgment
- Develop and carry out patient management plans
- Communicate effectively and demonstrate caring and respectful behaviors when interacting with patients and their families

- Perform competently all medical and invasive procedures considered essential for the area of practice.
- Provide health care services aimed at preventing health problems or maintaining health
- Work with health care professionals, including those from other disciplines, to provide patient-focused care

***Competency: Interpersonal and Communications Skills***

**Global Objectives:**

- Demonstrate caring and respectful behaviors when interacting with patients and their families.
- Create and sustain a therapeutically and ethically sound relationship with patients
- Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning and writing skills
- Work effectively with others as a member or leader of a team or group for learning and problem solving

***Competency: Professionalism, Ethics and Self Assessment***

**Global Objectives:**

- Demonstrate how competent, compassionate, altruistic and ethically-aware physicians make decisions and provide care for patients.
- Demonstrate respect, compassion and integrity
- Demonstrate a responsiveness to the needs of the patients and society that supercedes self-interest
- Demonstrate accountability to fellow students, teachers, patients, society, and the profession
- Demonstrate a commitment to professional excellence
- Demonstrate sensitivity and responsiveness to patients' culture, age, gender and disabilities

***Competency: Practice-Based Learning and Improvement***

**Global Objectives:**

- Exhibit an ability to evaluate and improve ones own clinical skills, practice patterns, fund of knowledge, communication skills, critical thinking skills, ethical behavior, and other skills necessary to the practice of medicine
- Analyze practice experience and perform practice-based improvement activities using a systematic methodology

- Use evidence-based medicine to support patient care decisions and guide self education
- Use information technology to manage information, access on-line medical information, and support own education
- Facilitate the learning of students and other health care professionals
- Demonstrate an understanding of the power of the scientific method in establishing the causation of disease and efficacy of traditional and non-traditional therapies, and be able to apply the scientific method
- Demonstrate the ability to engage in life-long learning and explain the need to stay abreast of relevant scientific advances

***Competency: Community and Systems-Based Practice***

**Global Objectives:**

- Describe how-your patient care and other professional practices affect other health care professionals, the health care system, and the larger society and how these elements of the system affect your own practice.
- Explain how types of medical practice and delivery systems differ from one another, including methods of controlling health care costs and allocating resources
- Practice cost effective health care and resource allocation that does not compromise the quality of care.
- Advocate for quality patient care and assist patients in dealing with system complexities
- Partner with health care managers and health care providers to assess, coordinate, and improve health care and explain how these activities can affect system performance.
- Describe the important role of the physician as a member of the local and state community, and the value of service to the community