

# MD Program Objectives

## **MEDICAL KNOWLEDGE**

By the time of graduation, all students will be able to:

1. Apply the multidisciplinary body of biomedical, behavioral, and socioeconomic sciences to clinical analysis, and problem solving
2. Describe the etiology, pathogenesis, structural and molecular alterations as they relate to the signs, symptoms, laboratory results, imaging investigations, and causes of common and important diseases.
3. Incorporate bio-psycho-sociocultural factors including aging, behavior, health care delivery, psychological, cultural, environmental, genetic, and epigenetic, nutritional, social, economic, geographical, religious, and developmental, and their effects on the health and disease of individual patients and populations into clinical reasoning
4. Utilize evidence-based therapeutic strategies for the prevention, treatment, and palliation of disease
5. Locate, appraise, and assimilate evidence from scientific studies related to patients' health problems

## **CLINICAL SKILLS**

By the time of graduation, all students will be able to:

1. Demonstrate effective verbal, nonverbal, and written communication skills; and build collaborative and trusting relationships with patients, families, and all members of the health care team to advance patient care.
2. Demonstrate clinical reasoning and problem-solving skills in the care of individual patients
3. Gather essential and accurate information about patients and their conditions through history-taking, physical examination, and the use of laboratory data, imaging, and other tests
4. Demonstrate competence in routine manual skills
5. Continually identify, analyze, and implement new knowledge, guidelines, standards, technologies, products, or services that have been demonstrated to improve outcomes into patient care
6. Demonstrate the ability to investigate and evaluate one's care of patients, to appraise and assimilate scientific evidence, and to seek guidance where appropriate, to continuously improve patient care
7. Demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care

## **PROFESSIONAL BEHAVIOR**

By the time of graduation, all students will be able to:

1. Demonstrate the ability to foster a positive, healthy professional identity encompassing conscientiousness, excellence, and a commitment to personal growth through the incorporation of new knowledge, skills and behaviors based on self-evaluation and life-long learning.
2. Demonstrate the professional qualities expected of a physician, including empathy, compassion, compliance, punctuality, reliability, responsibility, appropriate demeanor, honesty, and teamwork
3. Engage in behaviors that exemplify humility, value diversity, and foster an inclusive and equitable environment free of bias
4. Display ethical behavior, including a respect for patient privacy and autonomy and informed consent
5. Demonstrate the ability to engage in an interprofessional team in a manner that optimizes safe, effective patient- and population-centered care
6. Demonstrate sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation