

Mission Statement for Medical Education

Our mission is to educate physicians to provide effective patient-centered care for the people of Missouri and beyond.

MUSOM Medical Education Program Objectives

Our educational program objectives define the essential competencies that graduates of the MU School of Medicine will demonstrate upon completion of their medical education. These objectives serve as the foundation for all course-level learning goals and directly support the development of our Key Characteristics in future physicians.

Patient care and procedural skills: Demonstrates compassionate, effective, holistic, evidence-informed, and equitable patient-centered care.

1. Integrates patient and caregiver context, needs, values, preferences, and experiences into patient care.
2. Gathers relevant patient histories from multiple data sources, as necessary.
3. Performs relevant physical examinations using appropriate techniques and tools.
4. Identifies patients in need of urgent or emergent care, seeks assistance, and recommends initial evaluation and management.
5. Creates and prioritizes differential diagnoses.
6. Proposes hypothesis-driven diagnostic testing and interprets results.
7. Formulates evidence-based therapeutic management plans for commonly encountered clinical conditions.
8. Uses patient-centered language to describe common conditions, diagnostic tests, and therapeutic interventions and plans.
9. Demonstrates essential procedural techniques.
10. Incorporates health promotion and disease prevention into patient care plans.
11. Identifies individual and structural factors that impact health and wellness.

Medical knowledge: Applies and integrates foundational knowledge to improve health care for patients and populations.

1. Demonstrates knowledge of basic, clinical, pathophysiologic, social, and health systems sciences, as well as humanities, needed for clinical practice.
2. Applies foundational knowledge for clinical problem-solving, diagnostic reasoning, and decision making to clinical scenarios.
3. Evaluates the accuracy and quality of information and its relevance to clinical problems and adapts available information to patient needs.

4. Demonstrates knowledge of research design, interpretation, and application to clinical questions.
5. Integrates knowledge relevant to clinical problems using appropriate resources including emerging technologies.

Systems-based practice: Gains and applies knowledge of the larger context of health, including its social and structural determinants, and of systems and resources within and outside of health care, to individualize high quality, patient-centered, culturally appropriate care for patients, communities and populations.

1. Applies knowledge of social and structural drivers of health.
2. Recognizes mechanisms to reduce disparities and advance health equity in patient-centered care and health-care systems.
3. Adapts performance based on patient characteristics, health-care teams, delivery settings, and systems.
4. Collaborates with other members of the health-care team in transitions and coordination of patient-centered care.
5. Evaluates the advantages and disadvantages of using current and emerging technologies in patient-centered care.
6. Identifies patient safety concerns, systems issues, and opportunities for quality improvement.
7. Describes health policy and the financial context of health care.
8. Applies knowledge of local population and community health needs, disparities, and resources.

Practice-based learning and improvement: Integrates feedback, evidence, and reflection to adapt behavior, foster improvement, and cultivate lifelong learning.

1. Actively seeks and incorporates positive and negative feedback and assessment data to improve performance.
2. Recognizes specific areas for personal growth through self-assessment and a commitment to lifelong learning.
3. Develops, implements, and reassesses learning and improvement goals.
4. Demonstrates inquiry and ability to grow and seek new knowledge.

Professionalism: Demonstrates integrity, respect, and ethical reasoning, and promotes inclusion of differences in all interactions to improve health care for patients, communities, and populations.

1. Demonstrates equanimity, respect, compassion, and civility for patients, caregivers, families, and team members regardless of individual differences.

2. Safeguards patient privacy, confidentiality, and autonomy.
3. Demonstrates conduct according to principles of ethics and integrity.
4. Completes duties and tasks in a thorough, reliable, and timely manner.
5. Demonstrates a sustained commitment to learning and pursuit of excellence.

Interpersonal and communication skills: Effectively communicates and interacts with patients, caregivers, and the health-care team to contribute to high-quality patient-centered care.

1. Collaborates with patients, caregivers, and team members to enhance the therapeutic relationship.
2. Communicates effectively within interprofessional teams enhancing team and organizational function, as well as patient outcomes.
3. Demonstrates active listening.
4. Communicates clearly, accurately, and compassionately in verbal, non-verbal, written, and electronic formats.
5. Demonstrates ability to educate patients, caregivers, peers, and team members, appropriately for the intended audience.
6. Formulates and shares feedback constructively with others.
7. Identifies and utilizes appropriate tools to communicate effectively with patients and caregivers to provide inclusive care.