

Medical Knowledge and Scholarship

Our graduates will demonstrate knowledge of the scientific basis of medicine, the ability to apply knowledge to patient care and contribute to scholarship in medicine through research or teaching.

FSM graduates will:

<p>1. Demonstrate a progressive mastery of clinically relevant scientific knowledge of the normal structure and function of the body, mechanisms of disease, therapeutic interventions, disease prevention and health promotion, including:</p> <ul style="list-style-type: none"> a. Clinically relevant knowledge of the normal structure and function of the body at the molecular, cellular, organ, and system levels. b. Knowledge of the mechanisms (genetic, developmental, metabolic, toxic, microbiologic, autoimmune, neoplastic, degenerative, and traumatic) of mental and physical illness. c. Knowledge of how illness and injury affect function and quality-of-life. d. Knowledge of the clinical and laboratory manifestations of illness. e. Knowledge of pharmacology and other therapeutic modalities. f. Knowledge of epidemiology, biostatistics and the principles of primary, secondary, and tertiary prevention of illness for individuals and communities. 	<p>Core Knowledge</p>
<p>2. Efficiently identify knowledge gaps, utilize appropriate information sources and critically evaluate information and data, including:</p> <ul style="list-style-type: none"> a. Progressive skills for disciplined, continuous learning in order to stay current with evolving medical knowledge. b. The ability to identify personal and/or group gaps in knowledge or information necessary to solve problems and diagnose/treat/prevent illness. 	<p>Information Management</p>
<p>3. Demonstrate a progressive ability to apply knowledge to scientific and clinical reasoning in order to solve problems and prevent/diagnose/manage illness according to evidence-based principles, including the ability to:</p> <ul style="list-style-type: none"> a. Apply knowledge to solve clinically relevant problems. b. Apply prevention strategies to improve the health of individuals. c. Apply knowledge to diagnose illness. d. Apply knowledge to treat illness and improve quality of life. 	<p>Clinical Reasoning and Application</p>
<p>4. Contribute to medical knowledge through research and the practice of evidence-based teaching and learning, including:</p> <ul style="list-style-type: none"> a. Scholarship through a faculty-mentored research or education project and appropriately disseminate findings. 	<p>Scholarship</p>
<ul style="list-style-type: none"> b. Evidence-based teaching and learning by imparting knowledge to others as well as by participating in activities to improve the teaching and learning skills of themselves and others. 	<p>Teaching</p>

Effective Communication and Interpersonal Skills

Our graduates will demonstrate communication (both verbal and non-verbal) and interpersonal skills and strategies that result in respectful, compassionate, and effective information exchange and decision making with patients, families, members of the healthcare team, and other colleagues.

In engaging with patients, patients' families, academic and clinical team members, FSM graduates will:

1. Listen carefully, compassionately, and effectively.	Listening
2. Demonstrate that information is clearly understood; effectively address communication barriers including health literacy, disparities, authority gradients and language. 3. Share information in a timely manner with appropriate team members and patients. Academic, scientific and/or clinical presentations will be audience-appropriate.	Provide Clear Information
4. Demonstrate effective skills and strategies for difficult conversations cognizant of common pitfalls, deficiencies, and unanticipated outcomes.	Difficult Conversations

Professional Behavior and Moral Reasoning

Our graduates will demonstrate a commitment to professional responsibilities and behavior as well as the ability to understand, reflect upon, and integrate ethical and moral dimensions of healthcare.

FSM graduates will:

1. Identify, analyze and justify appropriate ethical and legal choices in the treatment of individual patients and their families.	Ethics and the Law
2. Identify, analyze and justify ethical issues in the healthcare systems in which they work, including issues of access to care and conflicts of interest.	Ethics and Systems
3. Behave with honesty, integrity, respect, and compassion toward all patients, families, students, faculty, and members of the healthcare team.	Professional Behavior
4. Treat all patients equally, regardless of gender, race, religion, socioeconomic status, disability, sexual orientation or ability to pay.	Equity
5. Behave with accountability and dependability.	Accountability
6. Respect the privacy and maintain the confidentiality of patients and families.	Privacy and Confidentiality
7. Take initiative for their own learning and for patient care.	Feedback and Self-Assessment

Patient-Centered Medical Care

Our graduates will demonstrate proficiency in the clinical skills and knowledge necessary to enter postgraduate medical education. They will apply their skills, knowledge, and clinical evidence with attention to patients' perspectives, needs, values, and comfort.

FSM graduates will:

1. Elicit complete medical histories using questions appropriate for the patient's presenting concerns.	History and Physical
2. Perform both comprehensive and focused physical exams with sensitivity to patient comfort, using techniques appropriate to the complexity and acuity of the patient.	
3. Formulate assessments and plans with attention to acuity of illness, risk benefit estimations, and patient preferences.	Clinical Reasoning and Application
4. Demonstrate proficiency in performing select clinical procedures.	Procedures
5. Deliver oral presentations and write chart entries that are accurate, organized, well-reasoned, and appropriately thorough.	Interprofessional Communication
6. Counsel and educate patients and their families about health conditions and disease prevention.	Counseling
7. Coordinate follow-up care with attention to the patient's safety, health literacy, support system, and financial circumstances.	Transitions of Care

System Awareness and Team-Based Care

Our graduates will demonstrate awareness of the overall healthcare delivery system as well as the system of care in each of their clinical settings, and will demonstrate the ability to work as an effective member of the healthcare team.

FSM graduates will:

1. Describe healthcare finance and delivery in various healthcare systems, and demonstrate the ability to effectively call on system resources to provide care that is of optimal value.	Healthcare Systems
2. Demonstrate a clear understanding of healthcare team goals, primary roles of team members, and work effectively to help the team achieve its goals.	Teamwork
3. Demonstrate skills in handing off care from one clinical team member to another during periods of transition within and between healthcare settings.	Transitions of Care

Continuous Learning and Quality Improvement

Our graduates will demonstrate the ability to accurately assess and improve classroom and clinical performance, as well as to acquire, appraise, and apply scientific evidence to classroom activities and patient care

FSM graduates will:

<ol style="list-style-type: none"> 1. Demonstrate competence in the art of receiving and providing meaningful assessments and feedback in the service of their peers, their own education, and of their school. 2. Create a well-articulated plan for improvement. 	Feedback and Self-Assessment
<ol style="list-style-type: none"> 3. <ol style="list-style-type: none"> a. Appraise literature critically and apply knowledge gained to effective patient care, self-learning, and peer education. b. Use information technology (EHRs and electronic references) to obtain information needed for effective patient care, self-learning, and peer education. 	Information Management
<ol style="list-style-type: none"> 4. Demonstrate quality improvement knowledge and skill through effective application of rapid cycle PDSA improvement activity and assessments. 	Quality Improvement
<ol style="list-style-type: none"> 5. <ol style="list-style-type: none"> a. Articulate and effectively apply relevant patient safety principles, practices and appropriate patient safety-related behavior (e.g., hygiene, timeout, positive ID). b. Actively assess and identify effective responses to safety-related strengths and weaknesses in patient care environments (Situational Awareness). 	Patient Safety

Community Engagement and Service

Our graduates will demonstrate knowledge of community factors that influence individual, community and public health, and will gain both perspective and experience through service-learning activities within local or global community settings.

FSM graduates will:

1.	Demonstrate knowledge about behavioral, socioeconomic, and cultural dynamics that can affect individual, community health, and public health.	Equity
2.	Assess challenges to providing high quality health care for members of vulnerable groups and articulate the role of physicians in working to eliminate barriers.	Advocacy
3.	Advocate for individual patients and communities with limited access to quality healthcare.	
4.	Promote the health and welfare of a community group by eliciting needs and assets, and collaborating with community partners to deliver sustainable, quality service.	Community Health

Personal Awareness and Self-Care

Our graduates will demonstrate the capacity to self-reflect on their acculturation to medicine, to assess the impact of their medical school experiences on their evolving personal and professional values, and to tend to their own physical and mental health.

FSM graduates will:

1.	Demonstrate awareness of their personal values, of values conveyed by the medical practice environment, and of the changes in perspective that accompany their entry into the medical profession.	Personal and Professional Values
2.	Take steps to maintain their own physical and mental health, using coping strategies and seeking appropriate assistance as needed.	Self-Care
3.	Create a plan for identifying areas of medicine that fit with their personal goals and abilities, incorporating appropriate advice and career counseling.	Professional Goals