PROGRAM LEVEL EDUCATIONAL OBJECTIVES

Knowledge, Skills, and Attitudes/Behaviors

Knowledge: The MSUCOM student will understand:

K1. Normal structure-function relationships that provide a basis for understanding and treating disease.
K2. Biological mechanisms governing homeostasis.
K3. Principles of preventive medicine and health promotion.
K5. The manifestations and consequences of illness at various stages of life.
K8. The fundamental osteopathic principles of body unity, the interrelatedness of structure and function, and the human body’s self-healing and self-regulatory mechanisms that provide the foundation for osteopathic practice.
K9. The basic science, mechanisms of action and physical findings of somatic dysfunction.
K10. The mechanisms of action, indications and contraindications, and basic application of Osteopathic Manipulative Treatment (OMT).
K11. Fundamental epidemiologic concepts, methods and statistical principles that underlie evidence-based medicine.
K12. The impact of social inequalities in health care and the factors that are determinants of health outcomes.
K14. The ethical principles that underlie the medical profession and professional behavior.
K15. The structure and function of the health care system and how it affects the delivery of osteopathic patient care.

Skills: The MSUCOM student will be able to:

S1. Identify, access, interpret and apply medical evidence contained in the scientific literature.
S2. Elicit a comprehensive history from a patient and other sources as appropriate and perform a clinically appropriate physical examination that integrates osteopathic principles and practices.
S3. Interpret relevant laboratory, imaging and other diagnostic studies in the context of osteopathic patient care.
S4. Communicate effectively with patients, families, colleagues and other health professionals and caregivers in various clinical settings.
S5. Generate, access, and test appropriate hypotheses during the medical interview and physical examination to develop and prioritize an appropriate list of potential diagnoses.
S6. Recognize and incorporate into clinical data gathering and decision making the psychosocial and cultural factors that contribute to health, illness, and behavior.
S7. Competently perform basic clinical procedures essential for a general osteopathic practice.
S8. Apply osteopathic principles, including the application of OMT and principles of preventative medicine and health promotion, into an appropriate patient-centered, evidence-based and cost-effective patient care plan.
S9. Relate effectively to and build rapport with patients of all ages, gender, culture, educational and economic backgrounds.
S10. Work in cooperation with other health care professionals in the care of patients and in the provision of quality patient-centered care.
S11. Use guidelines and other standards of patient care and patient safety appropriately in osteopathic medical practice.

Attitudes/Behaviors: The MSUCOM student will demonstrate:

A1. Compassion and sensitivity in the care of patients and respect for their privacy, dignity and right to be fully involved in decisions about care.
A2. A responsiveness to the needs of patients and society that supersedes self-interest.
A3. Accountability to patients, society and the profession.
A4. A commitment to excellence, continuous self-assessment and ongoing professional development.
A5. Commitment to the need to apply ethical principles in the execution of all duties and in all research endeavors.
A6. Dedication to one’s own well-being, in addition to that of patients.
A7. Honesty and integrity in all interactions.
A8. A commitment to promote health and well-being of the communities they serve.