



MIZZOU MEDPREP 3

MedPrep 3 is a workshop composed of five primers designed to assist newly admitted University of Missouri School of Medicine students. The academic primers review the subjects of biochemistry, cell physiology, pharmacology and anatomy as a preparation tool prior to the start of medical school. The professional development primer includes an online component as well as a one-day, onsite workshop that focuses on promoting a diverse and inclusive medical school environment.

MEDPREP ACADEMIC PRIMERS

BIOCHEMISTRY PRIMER

Provides the opportunity to learn or review material related to biological chemistry and biochemistry. The topics covered include basic organic and biological chemistry concepts essential in understanding the biochemistry of basic cellular building blocks (carbohydrates, lipids, amino acids, etc.) and metabolic processes related to these compounds.

CELL PHYSIOLOGY PRIMER

Provides the opportunity to learn or review material related to cellular structure and function. The topics will cover membrane structure and function including lipids, proteins and transport. In addition, cellular organelle structure and function will be covered.

PHARMACOLOGY PRIMER

Provides the opportunity to learn or review material related to pharmacological principles. Basic terminology and concepts in pharmacology, including processes of drug absorption, distribution, metabolism, elimination, mechanism of action and rational choice of drugs will be included.

ANATOMY PRIMER

Provides an overview of regional gross anatomy that parallels first-year anatomy curriculum. Each lecture includes an introduction to the anatomy of a given region, a component of the challenging autonomic nervous system and examples of radiology.

WHERE: Online via Canvas

WHEN: June 5 - July 16, 2023

WHO: Incoming students

COST: \$50 per academic primer

Financial assistance available based on need.

DEVELOPERS: Medical school faculty who are experts in each discipline's subject matter.

FACILITATORS: Current medical school students who have been carefully selected for their competence and expertise in the discipline's subject matter, supported by the faculty member who developed the primer.



School of Medicine
University of Missouri

MEDPREP PROFESSIONAL DEVELOPMENT PRIMER



DIVERSITY AND INCLUSION PRIMER:

The Diversity and Inclusion primer is designed to promote an inclusive academic health care community and foster relationships between the entering class, deans, faculty, staff and current medical students. It also provides resources and tools to train participants as diversity educators knowledgeable in topics that encourage and embrace diversity and inclusion. The four-week online component is a weekly self-paced course that promotes engagement, learning and discussion, leading to the one-day interactive session with students, deans, faculty and staff. The enrichment primer is no cost to the student and is open to the entire entering class.

ONLINE: June 26 - July 21, 2023 | **ON-SITE:** July 21, 2023 in PCCLC | **WHO:** Incoming Students | **COST:** \$0

WHAT ASPECTS OF THE WORKSHOP WERE THE MOST VALUABLE FOR YOU?

"The diversity educator training was most helpful to me because it helped me to visualize practical skills to intervene in situations."

"Discussions surrounding allyship and practical applications of diversity training for our peers and patients."

"Going over ideas for talking with PBL groups. Having specific phrases is helpful in a new setting like this one. Generally, seeing faculty and staff support these initiatives is encouraging."

"Learning and becoming more aware of the importance of a safe and welcoming space. Understanding the struggle that people from other backgrounds face. Being an ally always."

Registration required for all primers.

For more information visit medicine.missouri.edu/education/medprep3.

For questions, contact Andrea Simmons at mizzoumedprep@health.missouri.edu or (573) 884-6375.