AI Reality Check

The latest issue of University of Miami Medicine explores the intersection of artificial intelligence, research and patient care.

Miller School researchers are using AI to advance research and improve patient outcomes.

Immerse yourself in the captivating world of artificial intelligence in the latest issue of University of Miami Medicine. The cover story, “Reality Check,” delves into how scientists, clinicians and students are using machine learning to harness data in faster, more efficient ways to speed diagnoses and improve patient outcomes.

“Our preeminent researchers and clinicians are implementing artificial intelligence to better evaluate and serve our diverse populations, making monumental advances in early detection and the patient experience,” said Henri R. Ford, M.D., M.H.A., dean and chief academic officer of the University of Miami Miller School of Medicine.

Stories That Highlight the Essential Human Connection

Randy Shattenkirk, a cancer survivor, uses
art as post-treatment therapy.

But decisions are still made by people, and other stories underscore the importance of maintaining the human connection at every level of medicine. “Survivors in the Spotlight” focuses on the survivorship programs — ranging from exercise to art, massage and music — that our therapists at Sylvester Comprehensive Cancer Center offer to patients at every stage of their cancer treatment.

“Guiding the Way” describes an exceptional medical education program in which small groups of students and faculty members are paired and meet regularly for the entire medical school experience, establishing an essential support network and creating lifelong bonds. And “On the Outside, an Inside Track” shares how medical students are helping previously incarcerated individuals navigate the complexities of the health care system.

The Latest Medical Research

Are you more interested in the research realm? Check out “Joint Research Project,” which highlights a study of cannabis on heart health in people with HIV. Or flip to “Marauder in the Microbiome” and learn how researchers and students are unraveling the mysteries of a carcinogenic bacterium, Helicobacter pylori (H. pylori).

Helicobacter pylori (H. pylori) has infected about half the world’s population.
“These infections can create all sorts of problems, often silently, until it’s too late,” said Wael El-Rifai, M.D., Ph.D., associate director of basic science and co-leader of the Tumor Biology Program at Sylvester. “It’s important to understand the current state of H. pylori, the risks and possible treatments.”

Click here to read the spring 2023 issue of University of Miami Medicine Magazine.