LATEST NEWS

INSTITUTE TO TRANSFORM MEDICINE USING BIG DATA, ARTIFICIAL INTELLIGENCE TECHNOLOGIES
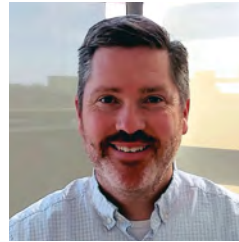
MPower is leading a transformative partnership to revolutionize health care, bringing together the expertise from UMB and UMCP in partnership with the University of Maryland Medical System (UMMS), Montgomery County, and collaborators from the Universities at Shady Grove and the University of Maryland, Baltimore County. **The University of Maryland Institute for Health Computing** will leverage recent advances in artificial intelligence and computing to create a premier learning health care system that evaluates both de-identified and secure digitized medical health data to diagnose, prevent, and treat diseases in patients across Maryland. To be based in North Bethesda, the institute will catalyze a clinical data science ecosystem and tap into industry as well as federal partners like the National Institute of Standards and Technology, National Institutes of Health, Food and Drug Administration, Walter Reed National Military Medical Center, and Naval Medical Research Center.

UMB President Bruce Jarrell, Montgomery County Executive Marc Elrich, UMMS President and CEO Mohan Suntha, and UMCP President Darryll Pines sign the paperwork to establish the University of Maryland Institute for Health Computing.

SIX NEW PROFESSORS NAMED TO PRESTIGIOUS MPOWER PROFESSORSHIP PROGRAM

In November 2022, six professors — three from UMB and three from UMCP — were named MPower Professors and awarded $150,000 each, over three years, to recognize, enable, and foster strong collaborations between faculty who work together on the most pressing issues of our time. This annual recognition is designed to strengthen faculty collaborations and accelerate the pace of research and impact on the lives of Marylanders. The professors include leaders recognized for their significant collaborations in the fields of arts and humanities, computer science, dentistry, engineering, medicine, and public health.

John P. Fisher, PhD
A. James Clark School of Engineering, UMCP

Mary Ann Jabra-Rizk, PhD
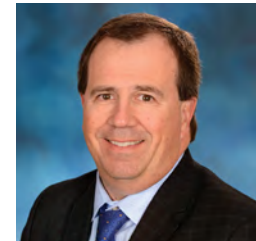University of Maryland School of Dentistry, UMB

Sarah B. Murthi, MD, FACS
University of Maryland School of Medicine, UMB

Philip S. Resnik, PhD
College of Arts and Humanities and College of Computer, Mathematical, and Natural Sciences, UMCP

Amy R. Sapkota, PhD, MPH
University of Maryland School of Public Health, UMCP

David J. Weber, PhD
University of Maryland School of Medicine, UMB

NEW FUND TARGETS PRINCE GEORGE'S COUNTY

The Discovery Fund is a new early-stage investment fund targeting the development and location of university-created or -sponsored technology companies in Prince George's County. The first round of support is earmarked to build a network of quantum businesses tied to groundbreaking UMCP research. With support from the **University of Maryland Center for Economic and Entrepreneurship Development**, the fund also invests in high-growth areas such as advanced data computing and information technologies, augmented and virtual reality, biomedical devices, cybersecurity, data analytics, and neuroscience. In FY22, investments were made to Ion Storage Systems and QC82.