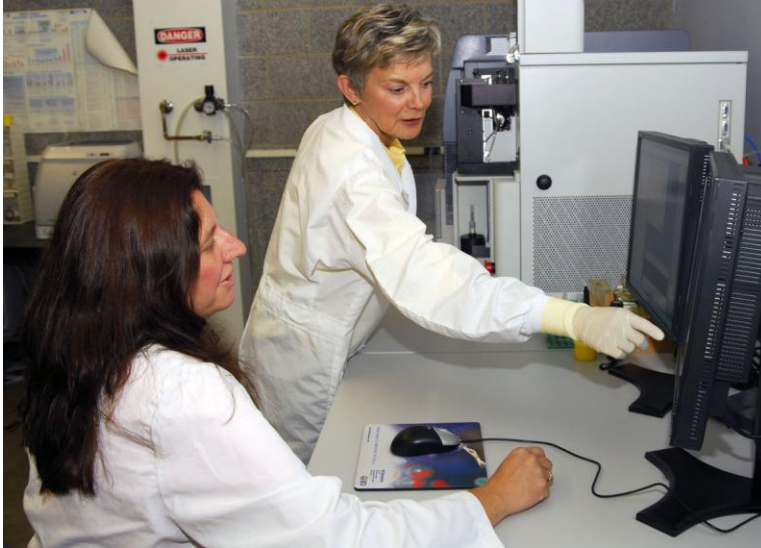


Equipment Grants Advance Research at SIU Med School



Two research scientists at Southern Illinois University School of Medicine in Springfield have been awarded three shared equipment grants from the National Center for Research Resources (NCRR), a division of the National Institutes of Health (NIH). The total of the three awards is \$1,162,716.

“This new funding for scientific equipment will increase the ability of our faculty to conduct high-quality

cutting-edge medical research in Springfield,” said Linda A. Toth, D.V.M., Ph.D., SIU’s associate dean for research and faculty affairs and professor of pharmacology. “All of the equipment will be used by NIH-funded faculty members with diverse research projects including cancer, infectious diseases and neuroscience.”

Two grants were awarded to Teresa A. Liberati, D.V.M., Ph.D., assistant professor of internal medicine and director of laboratory animal medicine at SIU. Funds for the first grant are for the purchase of a new flow cytometer, which is used to separate different kinds of cells from blood, organs, stem cells and cell lines in cultures. The funding, which is through the American Recovery and Reinvestment Act, totals \$472,900. It replaces another flow cytometer that was purchased in 1993.

A second grant to Liberati is for the purchase of a laser scanning confocal microscope system that will provide enhanced capabilities for analyzing cells and tissues. The grant total is \$499,973.

A grant awarded to Victor V. Uteshev, Ph.D., assistant professor of pharmacology at SIU, will allow the purchase of a bioscience imaging system. The new equipment will give researchers the ability to perform cellular reconstruction, 3D mapping and morphometry. The funding, which is through the American Recovery and Reinvestment Act, totals \$189,843.

Liberati joined the SIU faculty in 2006. She completed a postdoctoral fellowship in molecular and cellular toxicology at Inhalation Toxicology Research Institute (1996). Liberati earned her doctoral and master’s degrees and completed her laboratory animal medicine residency at the University of Rochester (1995, 1993, 1992). She earned her veterinary medicine degree at The Ohio State University (1988). Liberati is certified as a diplomate by the American College of Laboratory Animal Medicine and the American Board of Toxicology.

Uteshev joined the SIU faculty in 2006. He earned his doctoral degree in physiology from the University of Toronto (1997). He earned his master’s and bachelor’s degrees from the Moscow Institute of Physics and Technology (1989, 1987).