

Institutional Support Services

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UAMShealth.com

The mission of University of Arkansas for Medical Sciences (UAMS) is to improve the health, health care and well-being of Arkansans and others in the region, nation and the world. We aim to do this by educating current and future health professionals and the public; providing high-quality, innovative, patient- and family-centered health care and providing specialty expertise not routinely available in community settings; and advancing knowledge in areas of human health and disease and translating and accelerating discoveries into health improvements.

Included in this mission is a commitment to protect the environment and natural resources of the state of Arkansas in order to ensure the well-being of Arkansans. In 2020, UAMS embarked on a three-year Energy Savings Performance Contract (ESPC). This project is the largest energy savings project in Arkansas, the largest in the academic and healthcare sector, and one of the largest in the United States.

Once complete, the energy efficiency ranking of UAMS will be in the top 1% of U.S. academic medical centers. The ESPC will result in \$34 million in incremental energy efficiency measures. As part of the energy conservation savings measures, UAMS retrofitted all interior and exterior lighting to LED; upgraded all building automation controls on campus to a single digital system and implemented energy-efficient programming to energy consumption; upgrade laboratory HVAC systems for more efficient, occupancy-based operation; upgraded central chilled water, heating water, steam, and domestic hot water systems for efficient production and distribution of heating and cooling for the campus; installed a new generator plant to provide more efficient and centralized back-up power and allowing for an interruptible electrical rate; and installed meters to monitor energy consumption for each building and trained operations staff to maintain building efficiency over time.

Improvements in carbon reduction and energy intensity metrics include a 62% total energy intensity reduction from 2007. Our goal is to reach an Energy Use Intensity (EUI) rate of 111.50 in 2024. We have also experienced a 32% equivalent CO₂ reduction. Our goal for carbon footprint reduction is to be net zero by 2030.

UAMS made a commitment almost 15 years ago to plant more trees, and we have added more than 300 to our campus in a little over a decade. Once several current projects are finished, more trees will be planted to help replace those lost during construction of the new energy plant and surgical hospital.

We are very fortunate that Arkansas is home to 19 million acres of forest that contain nearly 12 billion trees and abundant natural water resources. Arkansas is one of a handful of U.S. states that consistently meets all federal air quality

standards. Air pollution in Arkansas has declined since 2000 and was at an index of 7.2 in 2021 compared to the U.S. value of 8.3. In addition to working to reduce the environmental impact of our own institution, UAMS is committed to educating, informing and advocating for clean air, clean water and a natural environment that work together to support healthy lifestyles.