

## Biomedical and Health Research Initiative WEST VIRGINIA UNIVERSITY

**Biomedicine** is the application of science to clinical medicine. West Virginia University biomedical and health programs are focused on discoveries that represent key improvements to cutting-edge patient care. Attaining and adapting those discoveries requires research that results from interdisciplinary teamwork. Research faculty from the Robert C. Byrd Health Sciences Center (HSC) join with researchers from the Eberly College of Arts and Sciences, the Davis College of Agriculture, Forestry, and Consumer Sciences, and the College of Engineering and Mineral Resources to conduct work that leads to positive discoveries and better biomedical and health treatment procedures, products, and results.

### Building on a Solid Reputation as a Premier Research Center

Currently, more than 150 tenured and tenure-track faculty and more than 30 research faculty support biomedical and health research at WVU. Research funding in the biomedical sciences is approximately \$50 million annually of which one-half is derived from federal sources (peer reviewed), including the National Institutes of Health, the Department of Defense, the National Science Foundation, and AHRQ. Research programs in cancer, cardiovascular, and neurosciences are well-developed with a good foundation of NIH-funded basic research faculty focused on discovery and the understanding of fundamental changes associated with disease. Student training grants are also in place to ensure development of future leaders for research in these fields.

### The Critical Center of a Network of High-Impact Researchers

Collaborations include WVU's nationally recognized Mary Babb Randolph Cancer Research Center as well as highly respected researchers in WVU centers of cardiovascular and neurological research. WVU's biomedical research focuses on discovery and understanding of new treatment strategies that are transferred to America's clinics and thus promote the health and well-being of scores of patients. HSC interdisciplinary research programs are focused upon health disparities that are relevant to West Virginia and Appalachia.

WVU's Advanced Biomedical and Health Research will bring additional support for the University that will, in turn, foster the development of research programs and help WVU attract additional talented faculty who, with access to state-of-the-art technology and facilities, will make up a robust and critical infrastructure that will translate research and clinical trials to patient populations in West Virginia. Commercialization of research results will have a positive economic impact creating jobs and new opportunities in the region.

For more information or to arrange a visit to WVU, contact:

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