UWM is taking a new approach to harnessing discovery. In the collaborative centers featured here, we join with regional and state partners to merge our diverse paths of expertise and form one road to economic and social vitality.

Wisconsin Energy Research Consortium (WERC)

The state’s largest academic energy research organizations have merged to form a single entity headquartered in Milwaukee, with a mission of making Wisconsin a nationally recognized center of expertise in energy, power and control technologies. WERC brings together UWM and three other engineering schools - the University of Wisconsin-Madison, Marquette University and Milwaukee School of Engineering - with eight industry partners: American Transmission Company, DNS Technologies, Eaton, Johnson Controls Inc., Kohler, Rockwell Automation, We Energies and LEM USA.

Center for Advanced Materials Manufacturing (CAMM)

Backed by a $1.2 million federal grant, UWM has launched CAMM, which will support the transfer of UWM research in bulk nanostructured materials to the manufacturing industry in both Wisconsin and the nation. These high-performance metallic materials hold the potential to revolutionize industries if they can be mass-produced. CAMM researchers will work with Oshkosh Corporation and other companies to develop an infrastructure for scaling up their production.

UWM School of Public Health

Building on the multidisciplinary nature of public health, this new graduate-level school was created in concert with the City of Milwaukee Health Department. Through its many partnerships, the school aims to identify the urban area’s worst health threats, address health disparities and guide public health policy. Some of the affiliated organizations are the Center for Urban Population Health and Children’s Hospital of Wisconsin.

Great Lakes Transportation Enterprise Institute (GLTEI)

Through GLTEI, four universities have joined forces with the Wisconsin Department of Transportation and regional industry to jointly develop innovative products related to highway safety and green technologies. In addition to UWM, the universities include the University of Wisconsin-Madison, Marquette University and the Medical College of Wisconsin. Business members are led by Traffic & Parking Control Co. (TAPCO) Inc., of Brown Deer, and TrafficCast International, based in Madison.

Clinical and Translational Science Institute (CTSI)

Backed by $20 million from the National Institutes of Health (NIH), a consortium of eight Milwaukee institutions, including UWM, shares resources to accelerate the translation of research discoveries into new medical treatments. Other members are the Medical College of Wisconsin, Marquette University, the Milwaukee School of Engineering, BloodCenter of Wisconsin, Children’s Hospital and Health System, Froedtert Hospital and the Clement J. Zablocki VA Medical Center.

UWM School of Freshwater Sciences

Unique in the nation, this new graduate-level school and its research arm integrate four themes: freshwater system dynamics; human and ecosystem health; freshwater technology; and freshwater economics, policy and management. The school is linked with a wide range of partners, including the Environmental Protection Agency, Milwaukee Water Council, Milwaukee Metropolitan Sewerage District and UW Sea Grant Institute.

NSF Industry & University Cooperative Research Center in Freshwater

Combining their individual strengths in freshwater technology research, UWM and Marquette University have joined with six area industries to form this collaboration funded by the National Science Foundation (NSF). With the goal of applying research to industry projects and producing intellectual property around the resulting discoveries, the center is one of only two such NSF centers in the country focused on freshwater.

Children’s Environmental Health Science Core Center (CEHSCC)

UWM, Children’s Research Institute and the Medical College of Wisconsin have been awarded an $8.5 million federal grant to form a national research powerhouse to study the impact of environmental factors on childhood diseases. It is one of 17 environmental health centers in the nation funded by the National Institute for Environmental Health Sciences (NIEHS) and the only one devoted solely to children’s issues.