



FROM THE PRESIDENT

Welcome to the first issue of *University of Delaware Research*, a semiannual magazine showcasing the University's major research initiatives; the discoveries, inventions, and innovations of our faculty and students; and the local and global impact of UD's growing research enterprise.

This inaugural issue — an annual report of the past fiscal year — leads off with the University of Delaware Energy Institute (UDEI), a new research center marshaling UD's considerable expertise in alternative energy science, engineering, and policy. With more than 250 researchers working on America's renewable energy challenges, UDEI is leading the way to a new energy future.

UD is also leading the way in health sciences. This spring, the University helped found the Delaware Health Sciences Alliance, an important regional partnership dedicated to transforming the latest bioscience research into clinical practice and developing cutting-edge biotechnologies. Bolstering its work are significant biomedical grants fueling Delaware's cancer, cardiovascular, and neurosciences research.

Advanced environmental research takes UD around the world — to the Delaware River Basin, where we've undertaken the most comprehensive evaluation of its health to date; to China, where we founded — with Xiamen University — the Joint Institute for Coastal Research and Management; and to the South Pole, where we're helping to build the world's largest neutrino telescope.

Research is a mainstay in every college and every department. Helping these researchers tap the potential of their discoveries and inventions and bring them to the marketplace is the Office of Economic Innovation & Partnerships. The office fosters entrepreneurship campus-wide and connects faculty and students with the private sector, so that their research can be applied in new ways — in new technologies, processes, and materials. This is how UD creates new wellsprings of innovation and stimulates state and regional economic growth.

High-quality, high-profile research is one of the University of Delaware's core strengths: UD has earned the Carnegie Foundation's highest designation for research activity, and external funding for research has fully doubled over the last decade. But the University is eager to take on new challenges, for one of the key goals in our Path to Prominence™ is to rank among the world's very best research institutions.

As UD's scholars and researchers set about addressing the greatest challenges of our age, we look forward to the future — a future made brighter by engaging the tremendous power of the curious mind.

Patrick T. Harker
President, University of Delaware

