DEAN’S MESSAGE

This is an extraordinary moment for the College of Science and Technology, one that will set the stage for an even brighter future.

After years of dreaming, planning, designing and building, the Science Education and Research Center, which opened for students and faculty in September, was officially dedicated on Oct. 10, 2014. SERC’s research labs and high-tech infrastructure will accelerate scientific discovery within the college and across the Philadelphia region.

Today, every research breakthrough is a multidisciplinary effort. Nothing stimulates interdisciplinary, collaborative research more than having top scientists from across disciplines working right next to each other. SERC is home to the departments of Physics and Computer & Information Sciences, seven research centers, chemical/biological labs, and advanced instrumentation such as clean rooms and a low-vibration scanning tunneling microscope facility. The result will be better research and teaching, more innovation, and a greater impact on people’s lives.

SERC has already helped to attract top researchers to CST, such as John Perdew and Sudhir Kumar—both authors of top-100 cited papers in their fields. 2014 was one of our strongest faculty recruiting years ever, with talented and experienced researchers joining each of our six departments (page 8). SERC is a key component of CST’s long-term effort to attract world-class faculty—particularly in the areas of computational and materials sciences—and to give them the resources to conduct groundbreaking research and to bring their discoveries to the marketplace. The effort is paying off: CST recently won a highly competitive $12 million Department of Energy award to design new materials with potential energy applications (page 7).

This past year, CST also introduced several new research centers and institutes that will help to further focus our research expertise in areas such as energy research, materials and drug design, and genomic medicine (page 16).

As CST continues to grow, our alumni and friends have been with us every step of the way, from supporting scholarships to returning to campus to mentor our undergraduates. Thank you for all that you do for the college. Together we will move science and Temple University forward in so many ways.

Michael L. Klein, FRS

Dean and Laura H. Carnell Professor of Science