DEAN’S MESSAGE

At the College of Science and Technology, our progress—in advanced research, exceptional teaching and programs that bring science to local communities—is remarkable.

Over the past eight years, the college has hired 78 new tenure-track faculty members, including many world-class researchers and three members of the National Academy of Sciences. In addition, external research funding at the college (page 11) has increased by 35 percent over the past three years. New CST hires and their innovative research have helped propel Temple University to a worldwide ranking of 18th in total Google Scholar research citations and an R1/highest research activity designation by the Carnegie Classification of Institutions of Higher Education.

Much of the college’s advanced research springs from our centers and institutes. By bringing together multidisciplinary investigators, they are making real and measurable advances in energy, new materials, cancer care, drug delivery and environmental conservation (page 17).

The college is committed to providing our students with an outstanding educational experience. We now enroll more than 4,100 undergraduates and 400 graduate students, making CST the third largest school or college at Temple. We have introduced new Professional Science Master’s degree programs as well as a post-baccalaureate pre-health program (page 5).

The number of CST undergraduates engaged in advanced research, through initiatives such as our Undergraduate Research Program, has increased by tenfold since 2008. So that students gain the tangible skills for successful careers, the college has enhanced mentoring and professional development initiatives (page 13).

In the community, CST continues to expand its STEM education outreach through summer science camps (page 32), after-school programs, efforts to increase minority participation in research and TUteach, our successful teacher training collaboration with Temple’s College of Education.

Our research, teaching and engagement efforts are supported by a growing roster of alumni, friends, faculty/staff and corporate and foundation donors (page 25). I thank them deeply for their support. Their investments in the college enable us to foster scientific inquiry of the highest caliber and to inspire future generations of students and scientists to push the boundaries of discovery even further.

Sincerely,

Michael L. Klein, FRS
Dean and Laura H. Carnell Professor of Science