

EXECUTIVE SUMMARY

A MESSAGE FROM NJIT PRESIDENT ROBERT A. ALTENKIRCH

"Knowledge exists to be imparted."

Ralph Waldo Emerson

Discovering and sharing knowledge in a growing range of disciplines is at the heart of NJIT's mission. It is a mission that encompasses giving talented young women and men the knowledge essential for fulfilling careers and advancing research that yields discoveries with the potential to make life better today and in years to come.

The two feature articles in this issue describe how faculty, staff and students are engaged in efforts that have broad implications for the future as well as an immediate influence on daily life. The issue also includes the annual *Honor Roll* list of donors to NJIT, which acknowledges concern and generosity fundamental to all that we seek to achieve as New Jersey's science and technology university.

"Can Your Car Talk to My Phone?" looks at the convergence of wireless communications and remote sensing that could make driving safer and expand the

technical foundation for innovative wireless services. "A Greener Campus" explores NJIT's commitment to an environmentally friendly, sustainable campus, created through state-of-the-art technology and initiatives involving all members of the university community in recycling and energy conservation. Continuing progress in these areas – and on other scientific, technological and social frontiers – requires a broad spectrum of resources. It requires expertise and dedication on the part of faculty and staff and facilities that best serve research and education in the 21st century.

Of equal importance is the support provided by numerous friends of NJIT. Each year, *Honor Roll* recognizes the contributions made by such individuals. While many are alumni who shared in the acquisition of new knowledge as students, everyone in *Honor Roll* has a comparable bond with NJIT. All are vital participants in the work of increasing knowledge that can improve the quality of life and imparting that knowledge to others for our long-term mutual benefit.



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