

## EXECUTIVE SUMMARY

### **A MESSAGE FROM NJIT PRESIDENT JOEL S. BLOOM**

#### **MAKING CONNECTIONS**

Computing technology is putting us in personal touch with one another in truly transformative ways. It is our connection to an exponentially expanding wealth of resources indispensable for education, healthcare, work and entertainment. Computing also is connecting us to new knowledge by serving as a powerful tool for research in every field.

Marek Rusinkiewicz, who was recently named dean of the College of Computing Sciences, says that the world's computer networks are the "nervous system of society." The features in this issue, including a profile of Dean Rusinkiewicz, highlight NJIT's connections to breakthroughs in computer science and engineering that affirm his assessment of the diverse and central role that computing has in the 21st century.

NJIT faculty members are taking computerized facial recognition and the protection of digital media to new levels of capability. On a different research front, they are developing computer-based tools that could help financial analysts judge the degree of confidence that corporate executives really have in the future success of their firms, as communicated by the nuances of written and spoken reports.

Cloud computing is, increasingly, a part of daily life in the 21st century. In their advertising, cloud-computing services advocate connecting to the cloud as a cost-effective IT strategy for businesses of every size, and as a very attractive way for individuals to access an incredible variety of music, books, games and videos. NJIT researchers agree that the advantages of cloud computing are significant. But they are also working to develop the techniques and technology needed to protect valuable assets entrusted to the cloud from unauthorized access and digital deterioration.

It would be extremely challenging to advance these efforts on the computing frontier – as well as in all else that we seek to accomplish at NJIT – without the assistance of a growing number of concerned and generous supporters. In this issue, the annual *Honor Roll of Donors* lists numerous individuals and organizations connected to our university in a special way.

Through their support, our donors have established a vital connection to the success of NJIT students and researchers in computer science and every other discipline. I sincerely thank you for making the connections acknowledged in *Honor Roll* for 2013, and for continuing to sustain this relationship in 2014 and the years that will follow.



#### **NJIT MAGAZINE**

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