President Shirley Ann Jackson congratulated graduates at the 204th Commencement ceremony held May 29, where a total of 1,478 degrees, including 1,157 bachelor’s, 240 master’s, and 68 doctoral degrees, were awarded.
Investigating How Technology Impacts Social Interaction

Our social networks are states of information, advice, and ideas. Add technology to the mix—Twitter, Facebook, cell phones—and the power of social networks balloons to a global scale. How do they work in the real world? What is the impact of these social connections on human behavior?

New Book Advocates Holistic Approach to Business

David Rainey, a clinical professor in the Rensselaer

David Rainey, a clinical professor in the Rensselaer Department of the Rensselaer School of Management and Technology, has written the book *Extending Management: Technology, Structure, Culture, and Strategies for Success through Leadership, Value Creation, and Value Capture*, published by Cambridge University Press. The book, which promotes a holistic approach to business management, will be published this fall.

Recent Breakthroughs

Nanomaterials could someday replace traditional electronic components, such as transistors, which are currently made from bulk silicon. Nanomaterials such as carbon nanotubes and nanowires have been shown to have superior electronic properties, including higher mobility, lower power consumption, and better thermal conductivity.

Using Root Systems To Save Energy, Clear the Air

Researchers at the Center for Architecture Science and Ecology (CASE) have developed a system that uses plant root systems to reduce energy consumption and improve air quality in buildings.

The Active Molecular Permeation system (AMP) is designed to harness the natural ability of plants to reduce energy consumption and improve air quality. It is currently being tested in buildings in collaboration with the New York State Center for Green Energy Systems (NYCGES) and the New York State Department of Environmental Conservation.

In the future, active molecular permeation could be used to reduce energy consumption and improve air quality in buildings, potentially leading to significant energy savings and reduced environmental impact.

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