

We want to be at the edge in whatever we do.

New Jersey's Science & Technology University



our promise

To provide our graduates a competitive edge and to conduct leading-edge applied research that will help New Jersey prosper.

NJIT is a public research university. Our six schools and colleges form the pillars that support the university's educational and research mission.

Newark College of Engineering

One of the oldest and largest engineering programs in the country. It is estimated that one in every four engineers working in New Jersey today is a graduate.

New Jersey School of Architecture

One of the largest architecture programs in the nation and a leader in computer-aided design. Offers one of the few industrial design programs in the region.

College of Science & Liberal Arts

A leader in applied science and math, including the fields of nanotechnology, solar physics, fluid dynamics, mathematical biology, and micro-electro-mechanical systems.

School of Management

Specifically focused on the training and development of managers grounded in tech-driven industries and processes.

Albert Dorman Honors College

A specialized educational program serving more than 600 scholarship students who rank among the nation's most academically accomplished.

College of Computing Sciences

One of the largest programs in the nation, with more than 1,500 students enrolled in 11 bachelor's, master's and doctoral programs.

As one of only three public research universities in New Jersey, teaching and applied research are at the heart of our mission to advance the public good of the state and its people.

More than 8,200 undergraduate and graduate students from 38 states and 112 countries.

Awards approximately 2,000 degrees annually from baccalaureate through Ph.D.

Ranked one of the best four-year colleges by *The Princeton Review*.

Ranked 1st in the nation in awarding master's degrees in computing science to Asian-American students.

Ranked 9th nationally for awarding bachelor's and master's degrees in engineering to African-American students.

More active math-biologists in a math department than any other university in the country.

Educational leader in five of top ten highest paying majors for college graduates.

More than 98 percent of 391 full-time faculty hold the highest degree possible in their fields.

Pre-college math, science, technology program serves more than 4,500 elementary, middle, and high school students and teachers annually.

Ranked a top national research university by *U.S News & World Report*.

Ranked in top ten nationally in math, information science, and as engineering specialty school by Academic Analytics.

Business incubators host 80 start-ups with 300 employees and combined annual revenue of \$44 million.

Annual research budget of approximately \$90 million.

Among the nation's top ten technological research universities based on research expenditures.

75 patents held by university and 137 new patent applications pending.

Recipient of almost \$70 million in research grants from the National Institutes of Health and National Science Foundation over the last decade.

Nationally recognized in applied mathematics and architecture, with wireless communications, advanced engineered particulate materials, nanotechnology, and neural engineering targeted as strategic priorities.

Vital source of talent for nation's highest concentration of pharmaceutical and medical technology companies.

25 percent of New Jersey's tech work force hold degrees from NJIT.

teaching

research

like no other

What sets NJIT apart, and always has, is our sharp focus on applied science and technology. No other university in New Jersey or the region combines NJIT's specialization and technical resources with such affordable access. Technology is built on math, science and engineering, and few universities anywhere match NJIT's breadth of specialized programs at both the undergraduate and graduate levels, including 36 undergraduate majors, 19 Ph.D. programs and 42 master's programs.

New Jersey native and NJIT graduate Tom Myrick, former chief engineer of New York City-based Honeybee Robotics, led the team that designed and engineered the Rock Abrasion Tool (RAT) for NASA's **MARS ROVER**.

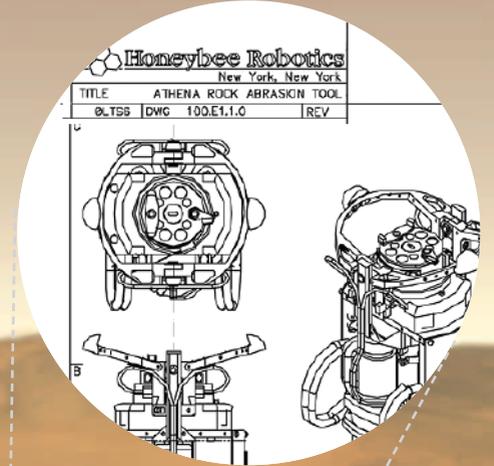
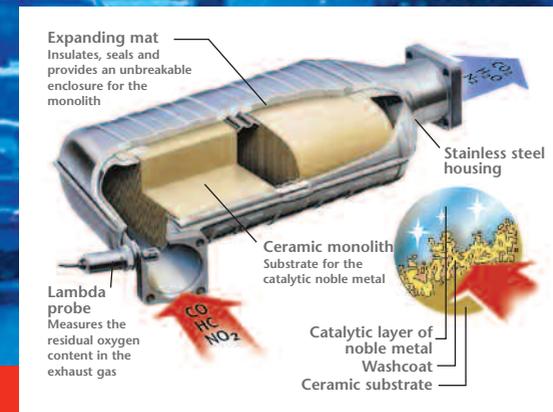


PHOTO COURTESY OF NASA/JPL/CORNELL UNIVERSITY

more than ever

Never has the need been greater for the research and educational programs unique to NJIT. To compete in the global, knowledge-intensive economy, New Jersey must support, nurture and attract the kinds of professionals that NJIT produces: motivated, highly skilled engineers, scientists, architects, mathematicians, industrial designers and tech-focused managers.



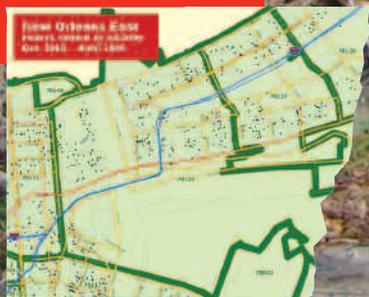
NJIT graduate John Mooney co-invented **THE THREE-WAY CATALYTIC CONVERTER**. Today, it's standard equipment on virtually every gasoline powered car and light truck in the world and has prevented billions of tons of air pollution. John earned his master's degree in chemical engineering from NJIT's college of engineering.

actions that speak

Knowledge put into action is what makes a difference in the world. Ever since NJIT's founding more than 125 years ago, we have treated knowledge as a practical tool — to empower individuals, solve problems, propel growth, and help those in need. NJIT's identity is based on the age-old tradition of creating and applying "know how." Our students see knowledge as a means to an end and a way to change the world — to make a real and positive difference right now.



SINCE THE KATRINA DISASTER, more than a hundred students from NJIT's school of architecture — one of the largest architecture programs in the nation — have traveled to New Orleans to survey the damage and provide planning and analysis. Funded in part by a federal grant, their work is being used by city leaders to guide New Orleans as it rebuilds.



not a buzz word

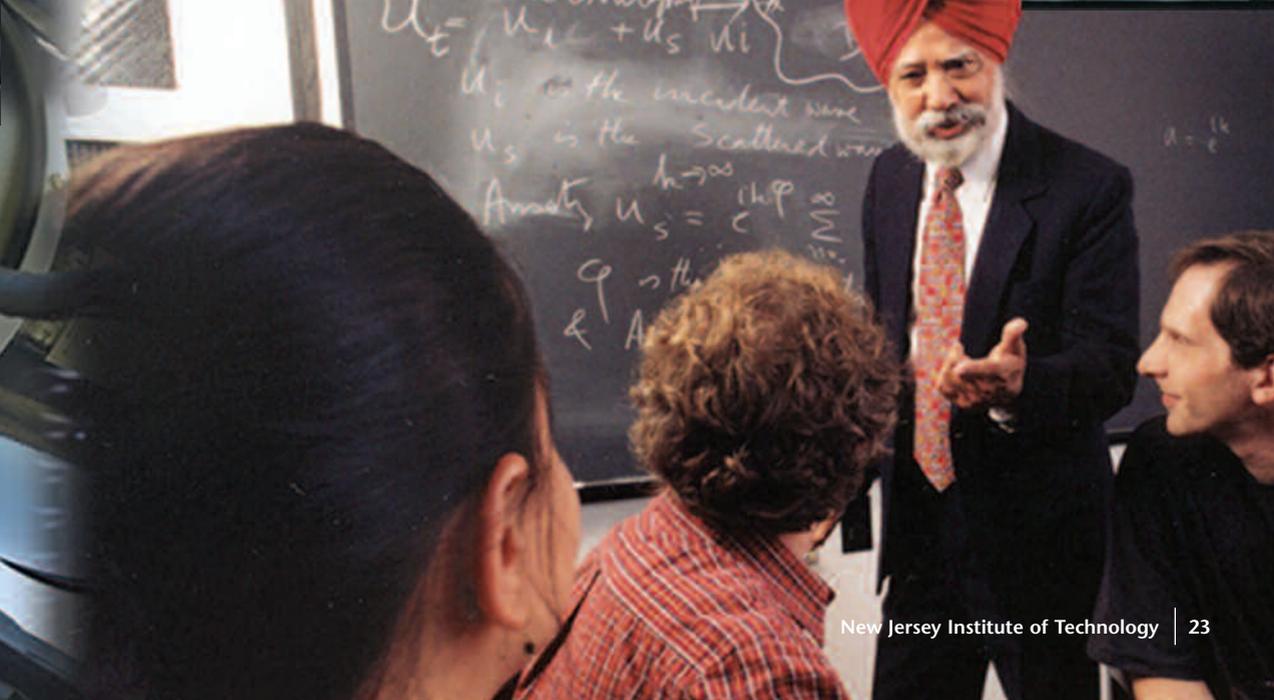
Diversity is deep and real at NJIT and offers an enormous competitive asset for the state and region. As globalization proceeds, NJIT's faculty and graduates are emerging as key leaders of the next generation. A significant percentage speak two and often three languages, and their deep multicultural experience equips them to adapt smoothly to the fluid, flexible networks and teams that typify the modern workforce.



NJIT HAS ONE OF THE MOST DIVERSE STUDENT BODIES in the U.S. It ranks nationally for graduating African-American, Asian-American, and Hispanic students with degrees in engineering and the computing sciences.

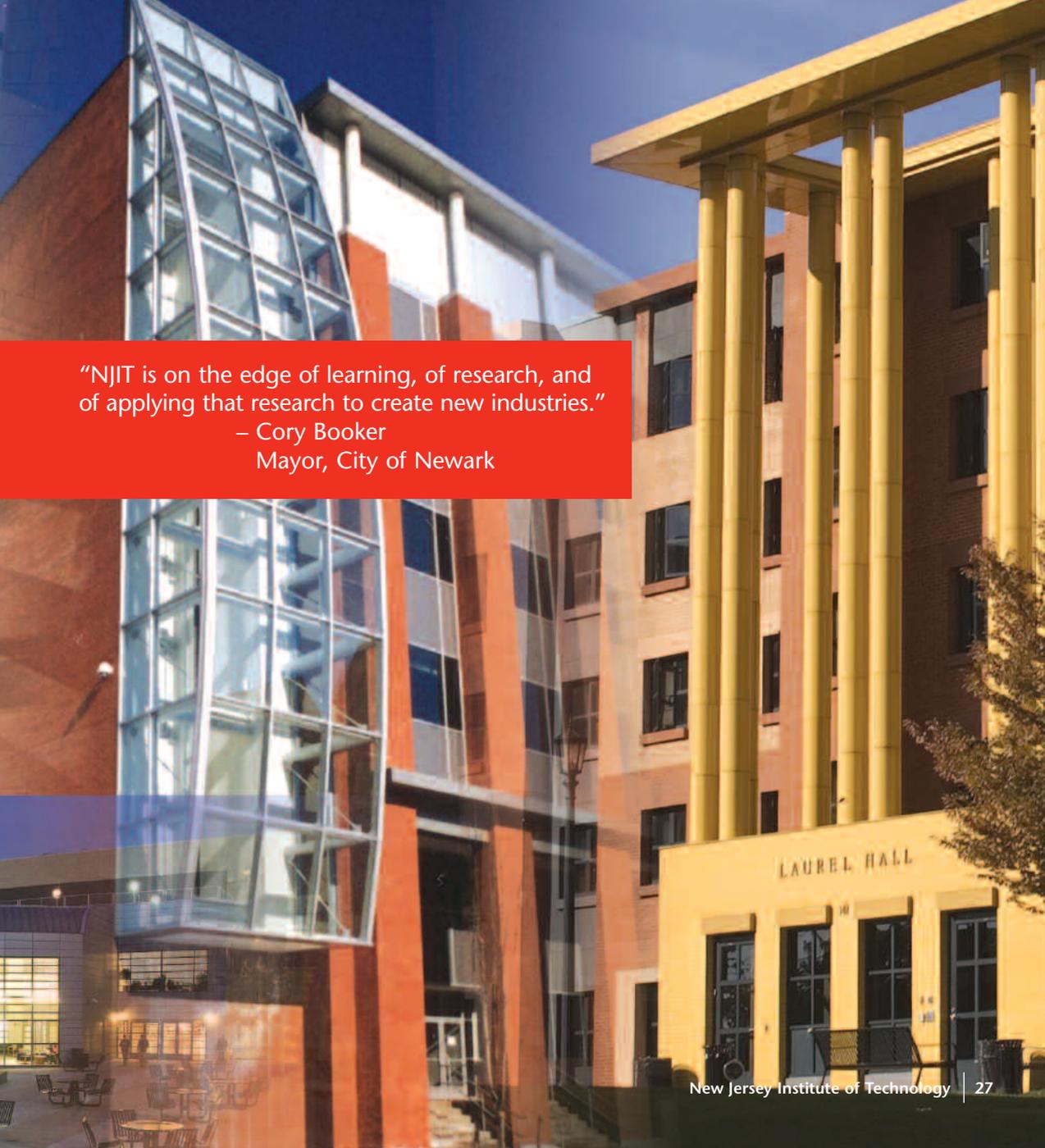


“For us as a company, an institution that is more diverse is more relevant.”
– Dennis M. Bone
President, Verizon-New Jersey



greater heights

University Heights in Newark has emerged as a major center of higher education and high-tech research in New Jersey. It is home to NJIT's 48-acre campus, three high-tech business incubators, the Newark campuses of Rutgers and UMDNJ, Essex County College, University Heights Science Park, Science Park High School, and to a vibrant growing community offering amenities and residential facilities. All told, University Heights is home to more than 40,000 students, faculty, and university administrators and staff.



“NJIT is on the edge of learning, of research, and of applying that research to create new industries.”
– Cory Booker
Mayor, City of Newark

Over the past two decades **NJIT HAS INVESTED \$250 MILLION*** to double the size of the campus and enhance the university’s labs and facilities. Additional investments have been made by our partners in University Heights. Today, that investment is bearing fruit.

*in 2007 dollars



competitive spirit

The values of teamwork and competition along with our desire to build excitement, pride and visibility have propelled NJIT's move to Division I. Our quest to excel extends to every aspect of what we do. NJIT's athletics program is no exception. By the end of 2010 every one of our teams — men's and women's — will be full-fledged competitors in Division I, the toughest, most challenging level of play in college athletics.

The elevation of NJIT's athletic programs to **DIVISION I** is raising awareness of the NJIT name both regionally and nationally. It is also central to enriching NJIT's increasingly residential campus life.



At NJIT, we're pushing the edge in science and technology. Our students' focus — and the focus of our faculty — is on real-world learning and applied research. From breakthroughs in biofuels to bold new solutions in engineering, architecture and computing science, NJIT is an undisputed leader. Our promise to our graduates is to provide an education that gives them a competitive edge; our promise to New Jersey is educational leadership in math, science and engineering, backed by research that fuels growth. Our promise is to be “the edge in knowledge.”



- Applied Physics
- Architecture
- Art
- Bioinformatics
- Biology
- Biomedical Engineering
- Business
- Business Informatics
- Chemical Engineering
- Chemistry
- Civil Engineering
- Communication
- Computational Sciences
- Computer Engineering
- Computer Science
- Computing and Business
- Digital Design
- Electrical Engineering
- Engineering Science
- Enterprise Development
- Environmental Engineering
- Environmental Sciences
- History
- Industrial Design
- Industrial Engineering
- Information Systems
- Information Technology
- Interior Design
- International Business
- Mathematical Sciences
- Mechanical Engineering
- Science, Technology and Society

NJIT™

New Jersey's Science &
Technology University

THE EDGE IN KNOWLEDGE

New Jersey Institute of Technology
University Heights
Newark, New Jersey 07102-1982

973-596-3000
www.njit.edu

The NJIT logo with sweeping arc, the university descriptor and "The Edge in Knowledge" tagline are service marks of the New Jersey Institute of Technology