

ABOUT THE ALBERT DORMAN HONORS COLLEGE

The Honors College enrolls more than 625 students from all majors; more than one-fourth are women. The average SAT score is over 1300 (reading and math). The Honors experience includes specialized classes, colloquia, leadership programs and activities; opportunities for research, internships and service; advising and more. The Honors College has grown steadily since it was established as an Honors program in 1985, and it was named the Albert Dorman Honors College in 1995.

RESOURCES AND FACILITIES

All Honors students have an individual Honors advisor as well as their major advisor. Honors College students have exclusive access to the Honors Resource Center, which offers a computer lab and spaces for studying and relaxing. Honors students have priority for on-campus housing. Students can also choose to live on the specially designated Honors floor.

ADMISSION REQUIREMENTS

The Honors College application is part of the NJIT application. The Honors College considers students who have SAT scores of 1250 (reading and math) or higher (or an ACT score of 28 or higher), are in the top 15 percent of their high school class and have a wide range of interests and leadership and service activities. Accelerated programs have different eligibility requirements.

HOW TO APPLY

Choose one of these ways to apply:

- Apply online at www.njit.edu/admissions/applyonline.php.
- Download the application at www.njit.edu/admissions/applyonline.php.

DEADLINES FOR APPLYING

- For fall semester: April 1
- For spring semester: November 15
- For accelerated programs: November 1

NJIT uses rolling admissions. You should hear from us within three weeks from the date that your file is complete. You can check your application status online at www.njit.edu/admissions/check-status.php.

HONORS COLLEGE SCHOLARSHIPS

In addition to financial aid awarded by NJIT, the Honors College offers merit scholarships from one-half to full tuition for students who are U.S. citizens or permanent residents. Some scholarships are also available for international students.

NJIT AT A GLANCE

- New Jersey's Science and Technology University, founded in 1881.
- More than 8,200 students enrolled, including 5,380 undergraduates.
- NJIT's six schools offer small-college intimacy (13:1 student-faculty ratio) with big-university resources.
- 45-acre campus includes \$83 million in new construction and improvements featuring a new Campus Center.
- A *Princeton Review* "Best Value College" and a "Top 25 Most Connected College."
- Ranked by *U.S. News & World Report* among the nation's top national universities, NJIT is 9th in the nation in diversity.
- A student in any of the other five colleges at NJIT can also become a member of the Honors College as either a freshman or transfer student.

FOR MORE INFORMATION

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University Heights
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973.642.4448 phone
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ALBERT DORMAN HONORS COLLEGE



THE ALBERT DORMAN HONORS COLLEGE GIVES YOU THE EDGE

INTENSIVE LEARNING:

As part of the Honors College, you can tailor your education—choosing two Honors classes each semester; attending at least two events such as colloquia that bring interesting scholars and professionals to campus; and tapping into the insights of your own advisor, who will help you make the most of your education.

MERIT SCHOLARSHIPS:

There are a variety of substantial merit scholarships available for all Honors students.

ENRICHING EXPERIENCES:

The Honors College offers many ways to apply what you learn in the classroom to real-world situations beyond the classroom, including internships, community service, study abroad and research with faculty members or in an off-campus setting.

EXCEPTIONAL PEOPLE:

You may find that you learn as much from your fellow Honors students as you do from the outstanding faculty members. Honors students are motivated, capable, bright, creative and interesting. You'll have the chance to get to know them well through the freshman Honors retreat, over a game of chess or study group in the Honors Resource Center; you can also choose to live on an Honors floor in the residence hall.

The Albert Dorman Honors College adds a whole new dimension to your NJIT experience—whether you study architecture, engineering, history, biology, management or any of the 33 majors. If you find yourself most fulfilled when you are challenging and stretching your mind to its furthest limits, if you are curious about many topics, if you enjoy diving mind-first into new ideas, if you think learning happens anywhere and everywhere—then you may find yourself right at home at the Honors College. As an Honors student, you will have the best of both worlds. Not only will you explore your chosen field in depth, you will also expand your learning through the Honors College, bringing it to new levels and new places. The Honors experience includes rigorous, interactive classes; colloquia, panel discussions and informational trips throughout the year; and research, internship, service and study abroad opportunities. It's all designed to multiply your opportunities for learning, helping you become a leader both on campus and wherever your future may take you.

GREETINGS FROM HONORS COLLEGE DEAN JOEL BLOOM

Beyond the excellence you will experience in your college major at NJIT, there is the Albert Dorman Honors College. Students from every major at NJIT are also members of the Honors College. They apply to the Honors College because they desire an enriched educational experience, learning with students like themselves, working closely with exceptional faculty and reaping the many rewards of an Honors education—including substantial merit scholarships.

As an Honors scholar, you will have the opportunity to live with other Honors students, take Honors Courses throughout your college career, work as part of a team with other Honors students and participate in special Honors programs.

I look forward to meeting you as you learn more about the Honors experience at NJIT.



Joel Bloom

The more than 625 students enrolled in the Honors College rank among the top academic performers in the nation. The May 2006 Honors College graduating class had an average GPA of 3.65.



▲ ALBERT DORMAN

Founding Chairman, AECOM,
BS in Mechanical Engineering '45,
ScD (Hon) '99

“As a student at NJIT, I learned to think outside the box and to take initiative. If a system runs inefficiently, improve it; if something doesn't exist, create it.”

—Geoff Cox '03, computer science and mathematical sciences, co-founder, Brain Box Software and urShelf.com

“I came to NJIT because I wanted to major in engineering and medicine at the same time. The Honors College challenged me in both fields. NJIT did not limit my choices—it provided me with opportunities.”

—Rina Shah '07, biomedical engineering, medical student, UMDNJ

FROM DISNEYLAND TO THE AIR FORCE ONE COMPLEX: THE INSPIRATION OF ALBERT DORMAN

Albert Dorman is the eponym of the Honors College. His remarkable work has brought him to all seven continents, and frequently back to Newark, where he inspires and guides the Honors College and its students to greater achievements.

At NJIT, he earned a BS in mechanical engineering while serving as president of the student body and editor of the yearbook. He later earned a master's in civil engineering. A self-trained architect, he has used both his architectural and civil engineering skills throughout his career.

When he was 28, he started his own civil engineering company, then launched an architectural engineering firm. He went on to help found the AECOM Technology Corporation, which has become a leading global engineering, design and services firm with approximately 26,000 employees serving government and commercial clients in over 50 countries. Along the way, he has been a major player in hundreds of projects, including Disneyland in California (he was the civil engineer of record), I-70 Highway in Colorado, Air Force One Complex at Andrews Air Force Base in Maryland, Antarctic research facilities, and metro lines in Los Angeles and Baltimore.

The only person to be voted both a Fellow of the American Institute of Architects and an Honorary Member of the American Society of Civil Engineers, Albert Dorman has also been elected to the National Academy of Engineering.

His motto: “Always do more than is expected of you and understand the perspectives of those you work for and with.”

Last year, nearly 75 percent of Honors students worked with faculty members or professionals off campus in research projects ranging from hybrid electric vehicles to solar flares to robotics.

the edge . . . in Intellectual Challenge

When you enroll in the Honors College, you join a community of exceptional learners—students, faculty members, staff and professionals from industry. Together, you will challenge each other, learn and discover together in many ways:

- **Guidance:** Honors advisors not only help you figure out what classes to take, but also the best ways to learn and grow and pursue your interests outside your classes. You'll also create an individual educational plan your first semester to help you self-direct your education.
- **Honors courses:** You will choose from 45 Honors courses in both major and non-major courses. In these small, interactive classes, you will question deeply, explore thoroughly, make interconnections among ideas and concepts from other disciplines and engage in lively discussions with other students who are just as interested in learning as you are.
- **Accelerated programs:** The Honors College offers several ways to save a year's time (and tuition) while earning your bachelor's and an advanced degree. Options with the bachelor's include:
 - PhD, MBA, MS at NJIT
 - JD at Seton Hall Law School
 - MD at the New Jersey Medical School of the University of Medicine and Dentistry of New Jersey (UMDNJ), Newark or at St. George's University Medical School, Grenada, West Indies
 - DMD at UMDNJ/New Jersey Dental School, Newark
 - Doctor of Physical Therapy (DPT) at UMDNJ School of Health Related Professions, Newark
 - OD at the SUNY College of Optometry
- **Study abroad:** The Honors College is increasingly global in its outlook. You can fulfill honors requirements by studying abroad for a semester, academic year or summer in countries including China, Denmark, Egypt, France, Germany, Hong Kong, India, Italy, Japan, the Netherlands, Russia, Singapore, Spain, Sweden, Thailand, Turkey and the United Kingdom.



- **Colloquia:** About a dozen times each semester, students converse with leaders of industry and government, as well as scholars, artists and others, through lectures, study tours, panels and special programs. The topics and formats are wide-ranging, but the colloquia share the same goal: to expand learning beyond the classroom. You are required to attend two colloquia each semester; chances are you will want to go to more. A perennial favorite happens when members of the college's Board of Visitors or a panel of Honors College alumni come to campus to share their experiences and advice about life as a professional. For many students, these conversations turn into ongoing, informal mentoring.
- **Graduate Programs:** Get an early start on a graduate degree with automatic acceptance into NJIT's programs. Take graduate courses as an undergraduate and have credit applied toward both undergraduate and graduate degrees at NJIT. For more information, visit honors.njit.edu/academics.

▼ MICHAEL LAWSON | SOPHOMORE

MAJOR: ARCHITECTURE
HOMETOWN: PARSIPPANY, NEW JERSEY
FUTURE PLANS: EARN AN MS IN URBAN PLANNING AND COMMUNITY DESIGN, WORK FOR AN ARCHITECTURAL FIRM

As part of recent colloquia, students saw an exhibit at the New York Historical Society, talked with a director about a play and explored such issues as nanotechnology, HIV/AIDS in the Middle East, the pharmaceutical industry and women in architecture.

WHY DID YOU CHOOSE NJIT?

I chose NJIT for its highly prestigious New Jersey School of Architecture and Dorman Honors College, small size, proximity to home, and reasonable cost. Also, within NJSOA, I felt a distinct feeling of community on my first visit to campus.

DO YOU HAVE A SCHOLARSHIP? I have numerous scholarships from the Albert Dorman Honors College, Men's Swimming and the NJIT Faculty Scholarship Program. I also received the Phi Eta Sigma Honors Society National Scholarship in 2007.

WHAT ARE YOUR GOALS? HOW HAS NJIT HELPED YOU ACHIEVE THEM?

My short-term goal is to improve my programs. When I leave, I hope to have positively influenced the organizations I have been a part of so they can function better and recruit more

students. NJIT has made this possible because it is a small school with a close-knit community. My long-term goal is to give back to society. One reason I chose to become an architect is because it's a great way to help people less fortunate than me. I want to create spaces that people can live, work and play in, that are safe and designed to take into account the cultural dynamics, individual experiences and overall diversity of American cities. NJIT has allowed me to get a head start on this goal by creating a dynamic architectural curriculum that incorporates many different aspects of architecture, urban planning and community design.

LAST WORD? NJIT offers an abundant amount of opportunities for its students after graduation and during your years of study; it can be a great place to live, learn and play.

Like many Honors College students, Chris Dowd has a double major—computer engineering and computer science. He plans on a career as a special agent in the FBI as well as master's and doctoral studies. "NJIT has an amazing teaching and advising staff that is interested in seeing the success of their students," he says.



the edge . . . in Hands-on Learning

The Honors College encourages you to take learning from the classroom into the world, whether that world is a student organization on campus, a soup kitchen in the city, a business, a research lab or an overseas university. Each year, you'll document your work in whatever world you choose. The point is to encourage and enable you to pursue other interests, to develop your leadership skills and to gain experience that will serve you well beyond NJIT.

Honors students find many ways to live out their learning. A few examples in their own words:

RESEARCH

- I'm exploring ways to strengthen the bones of kids with cerebral palsy at the Children's Hospital.
- At the Antenna, Microwave and Optical Systems Branch of NASA, I'm trying to advance miniaturized antennae for communication applications.
- At Bristol-Myers Squibb, I analyzed a complex chemical reaction used to develop a cancer drug.
- I'm programming a computer to translate sign language into spoken words, so people who know sign language can communicate with those who don't.

INTERNSHIPS

- For my internship with Becton Dickinson, I took part in audits (even traveling to Mexico City and Buenos Aires) and projects related to the Sarbanes-Oxley law.
- I tested the software and hardware performance of iPod interfaces at Circuit Works.
- At Intel, I analyzed computer components and calculated machine wattage. My analysis saved Intel about \$50,000.
- I helped develop, install and maintain a bacterial vaccine manufacturing process at Merck & Co. Inc.

As early as possible, the Honors College encourages students to take learning beyond campus through co-ops and internships. For example, the summer after her freshman year, chemistry major Nicole Fusco '04 interned with L'Oreal as a formulation chemist.



Like the majority of Honors College students, Sita Kulkarni participated in faculty research. As a senior biomedical engineering major, she assisted in the vision research lab.



Students meet individually with specialized Honors advisors to develop an educational plan and to find ways to take advantage of the many opportunities for learning.



SERVICE

- We spent our 2006 spring break cleaning up debris from Hurricane Katrina, rebuilding houses and helping in medical clinics.
- I taught music to middle school students at St. Philip's Academy in Newark.
- I managed a team of about 50 NJIT mentors who worked with Newark students taking part in the FIRST Robotics Competition sponsored by NJIT.
- I translated a brochure into Portuguese for the City of Newark.
- I volunteered as a computer technician for the Middlesex Board of Education.

The Honors Lounge offers students a place to continue discussions from class, share ideas, get to know each other better and relax.

The Honors College is more than a springboard for personal growth and fulfillment. The Honors designation on your diploma will show prospective employers and graduate schools that you're exceptionally well prepared to take on any challenge in the world.

THE MANY PATHS OF HONORS COLLEGE GRADUATES

Honors College graduates launch some remarkable futures. Nearly half go on to graduate school (compared to 30 percent at most technological universities) at some of the nation's top institutions, including Columbia, Cornell, Harvard, MIT, Princeton, Stanford and Yale, as well as NJIT. Others start their own companies or travel or become doctors, lawyers, scholars, teachers, engineers, scientists or architects. Wherever they go, they leave their mark, improving lives, products, business and more. A few examples:

- Irina Sigal Korean '00, engineering science, earned a PhD in pharmacology/physiology and an MD from UMDNJ.
- Daniel Kopec '99, architecture, completed a master's at Yale and practices at the office of Santiago Calatrava, well-known architect/engineer for the new World Trade Center PATH Station. He also owns a furniture company and teaches architecture at New York Institute of Technology.
- Anthony Menio '99, information systems, worked for IBM in global services consulting and later at Oracle Corporation. He is now in his sixth year at Microsoft, working with their financial services customers.
- Karisa Solt Schreck '04, biomedical engineering, did extensive research at UMDNJ as an undergraduate and is pursuing both an MD and a PhD in neurosciences at Johns Hopkins School of Medicine.
- Michelle Rassekh '99, science, technology and society, earned her law degree from Villanova Law School and is an attorney with Peckar & Abramson, one of the nation's leading construction law firms.