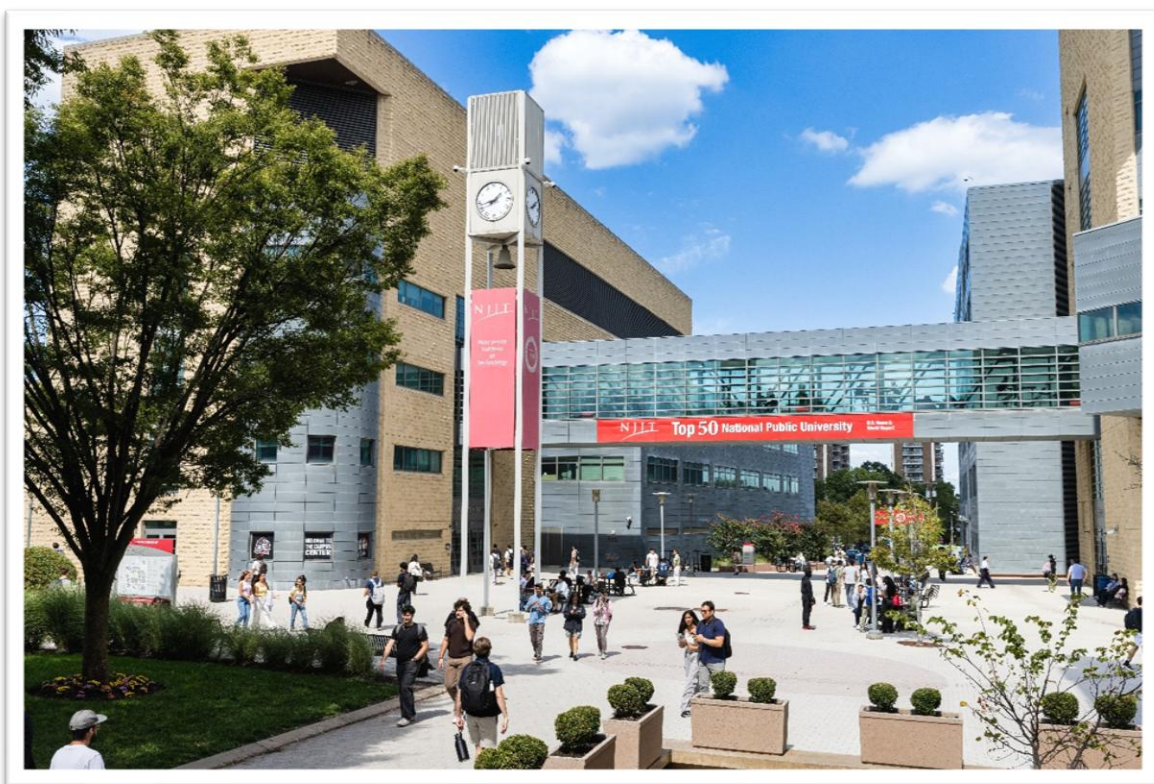




Annual Institutional Profile Report

2025



Submitted to the
New Jersey
Office of the Secretary of Higher Education
by
The Office of Institutional Effectiveness
New Jersey Institute of Technology

September 2025



September 19, 2025

New Jersey Institute of Technology (NJIT) takes great pride in presenting this Institutional Profile to the State of New Jersey. This report highlights our efforts in education, scholarly and applied research, economic development, and engagement during Fiscal Year 2024.

Thanks to the efforts of our dedicated faculty and staff, NJIT is increasingly recognized as a top university, particularly for our excellent return on investment that facilitates upward socio-economic mobility. The Princeton Review rates NJIT the #27 Best Value College among public schools and #10 for Best Career Placement among public institutions. The Wall Street Journal ranks NJIT as #26 nationally for alumni salaries and #30 for the social mobility of its graduates. Additionally, U.S. News & World Report ranks NJIT as the #40 public national university in the U.S.

Our 140+ labs, centers, and institutes strive to innovate in five primary areas of multidisciplinary research: bioscience and bioengineering, data science and management, environment and sustainability, material science and engineering, and robotics and machine intelligence. As a result, our status as a Very High (R1) Research Activity doctoral institution was reaffirmed by the Carnegie Classification of Institutions of Higher Education, placing NJIT among 187 of the most elite and productive research institutions in the nation and one of only three in New Jersey.

NJIT is committed to continuing and expanding its contributions to our state, the nation, and the world, and to growing the pipeline of STEM-trained professionals while stimulating economic growth through innovation. Toward those ends, NJIT recently enrolled, for the third year in a row, its largest and most diverse first-year class. We also are conducting approximately \$172 million in research activity annually, and last year launched the Grace Hopper AI Research Institute.

This Institutional Profile Report highlights NJIT's continuing commitment to the State of New Jersey and to its citizens. All information supplied in this document is, to the best of my knowledge, complete and accurate.

Sincerely on behalf of NJIT,

Teik C. Lim
President

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SECTION I – NEW JERSEY INSTITUTE OF TECHNOLOGY

New Jersey Institute of Technology (NJIT) was founded in 1881 as the Newark Technical School, becoming the Newark College of Engineering in 1930. Today, NJIT has six schools and colleges: Newark College of Engineering (1930), the Hillier College of Architecture and Design (1973), the College of Science and Liberal Arts (1982), the Martin Tuchman School of Management (1988), the Albert Dorman Honors College (1993), and the Ying Wu College of Computing (2001).



NJIT has evolved from a commuter school teaching applied engineering skills to a top 50 public university. This evolution has been achieved through an aggressive faculty recruitment plan matched by an extensive building effort that doubled the size of the main campus over the past decade and added major research facilities for environmental engineering and science, advanced manufacturing, microelectronics, and life sciences. Enrollment increased from 6,300

students in 1979 (the first year for which there is publicly available federal data) to over 13,200 students in fall 2024. Total research expenditures in fiscal year 2024 amounted to \$172 million.

At the same time, NJIT remains true to its urban mission and its commitment to helping motivated and talented students overcome educational challenges. Princeton Review named NJIT the #27 Best Value College among public schools and #10 for Best Career Placement among public institutions. public university and the #19 university overall in the United States, the New York Times online college ranking tool places NJIT #1 in the nation among public universities, when alumni earnings, economic mobility, and academic profile are prioritized. The Wall Street Journal ranks NJIT as #26 nationally for Salary Impact and #30 for Social Mobility of its graduates.



NJIT's 48-acre, computing-intensive, residential campus is located in the University Heights section of Newark, less than 10 miles from New York City and Newark International Airport. It is easily reached by interstate highways and public transportation. Graduate, undergraduate, and continuing education classes are offered at the main campus, at extension sites at colleges and other locations throughout New Jersey, and increasingly through a variety of distance learning formats.

I.A.1 – Our Vision

NJIT will transform the public polytechnic research university experience into an Innovation Nexus through unparalleled education, limitless innovation, and pioneering research to cultivate a diverse community of leaders and professionals.

I.A.2 – Our Mission

NJIT advances the state of New Jersey, the nation, and the world through its contributions as an Innovation Nexus:

- **Public Polytechnic University**—by harnessing the power of experiential learning to transform a diverse community of students into leaders, innovators, and global citizens.
- **Research Leader**—by advancing knowledge through high-impact basic, applied, and transdisciplinary research, and by developing technological solutions that advance the state-of-the-art and drive economic growth.
- **Innovation Partner**—by anticipating the needs of industry, government, and civic organizations to spur growth, innovation, and entrepreneurship.
- **Inclusive Workplace**—by engaging diverse colleagues whose differences build a strong community dedicated to accomplishing our vision.
- **Community Member**—by applying our technological expertise to serve and elevate the communities that NJIT calls home.

I.A.3 – Our Core Values

As Highlanders, our core values reflect our beliefs, guide our behavior, shape our culture, and establish a sense of community and common purpose.

- **Excellence:** We pursue excellence in all that we do in order to meet and sustain the highest standards of performance.
- **Integrity:** We conduct ourselves honestly and ethically.
- **Civility:** We treat one another with dignity and respect the opinions and viewpoints of others.
- **Sustainability:** We operate and innovate in a way that promotes stewardship of resources for present and future generations.
- **Social Responsibility:** We engage with the communities in which we live, study, and work to benefit society as a whole.
- **Diversity:** We create a sense of belonging by celebrating the differences of individuals so that all members of our community feel included and empowered.
- **Collaboration:** We recognize that individual skills and expertise are strengthened through cooperation and teamwork.
- **Courage:** We move forward by overcoming uncertainty, taking on challenges, and making sacrifices for the common good.

SECTION II – DATA BY CATEGORY

A. Accreditation Status

II.A.1 Institutional Accreditation

New Jersey Institute of Technology as an institution is accredited by the following organization: Middle States Commission on Higher Education (MSCHE). Please note that the list of “Other Instructional Sites” is most up to date in section II.G.2 of this institutional profile.



STATEMENT OF ACCREDITATION STATUS

The Statement of Accreditation Status (SAS) is the official statement of the Middle States Commission on Higher Education (MSCHE) about each institution's current accreditation status and scope of accreditation. The SAS also provides a brief history of the actions taken by the Commission.

Institution: NEW JERSEY INSTITUTE OF TECHNOLOGY Newark, NJ

Address: University Heights
Newark, NJ 07102-1982

Phone: (973) 596-3000

URL: www.njit.edu

Accreditation Liaison Officer (ALO): Dr. Eugene Deess

Commission Staff Liaison: Kristy Bishop, Vice President

Accreditation Summary

For more information, see the Commission's [Accreditation Actions Policy and Procedures](#).

Phase: Accredited

Status: Accreditation Reaffirmed

Accreditation Granted: 1934

Last Reaffirmation: 2022

Next Self-Study Evaluation: 2029-2030

Alternative Delivery Methods

The following represents approved alternative delivery methods included in the scope of the institution's accreditation:

Distance Education

Approved to offer programs by this delivery method

Correspondence Education

Not approved for this delivery method

Credential Levels

☑ Approved Credential Levels

The following represents credential levels included in the scope of the institution's accreditation:

- **Bachelor's Degree or Equivalent**
Included within the scope
- **Post-baccalaureate Certificate**
Included within the scope
- **Master's Degree or Equivalent**
Included within the scope
- **Doctor's Degree- Research/Scholarship**
Included within the scope

Locations

The following represents branch campuses, additional locations, and other instructional sites that are included within the scope of the institution's accreditation:

Location	Type
New Jersey Institute of Technology University Heights Newark, NJ 07102-1982	Main Campus
NJIT@Jersey City 101 Hudson St Jersey City, NJ 07302	Additional Location
Arts High School 550 Dr. Martin Luther King, Jr. Boulevard Newark, NJ 07102	Other Instructional Site
Bergen County Academies 200 Hackensack Avenue Hackensack, NJ 07601	Other Instructional Site
Bergen County Technical High School 504 Route 46 West Teterboro, NJ 07608	Other Instructional Site
Central High School 246 18th Avenue Newark, NJ 07108	Other Instructional Site
Colonia High School 180 East Street Colonia, NJ 07067	Other Instructional Site
Cranford High School 201 West End Place Cranford, NJ 07016	Other Instructional Site

New Jersey Institute of Technology Institutional Profile 2025

Demarest High School 162 Knickerbocker Road Demarest, NJ 07627	Other Instructional Site
Don Bosco Prep 492 N. Franklin Turnpike Ramsey, NJ 07446	Other Instructional Site
Eagle Academy 279 Chancellor Avenue Newark, NJ 07112	Other Instructional Site
East Side High School 238 Van Buren Street Newark, NJ 07105	Other Instructional Site
Essex County Schools of Technology 60 Nelson Place, 1 North Newark, NJ 07102	Other Instructional Site
Freehold High School 2 Robertsville Rd Freehold, NJ 07728	Other Instructional Site
Freehold Township High School 281 Elton-Adelphia Road Freehold, NJ 07728	Other Instructional Site
Gill St. Bernard's School 25 St Bernards Rd Gladstone, NJ 07934	Other Instructional Site
Glen Ridge High School 200 Ridgewood Avenue Glen Ridge, NJ 07028	Other Instructional Site
High Point Regional High School 299 Pidgeon Hill Road Sussex, NJ 07461	Other Instructional Site
Hillside High School 195 Virginia Street Hillside, NJ 07205	Other Instructional Site
Hoboken High School 800 Clinton Street Hoboken, NJ 07039	Other Instructional Site
Hunterdon Central Regional High School 84 Route 31 Flemington, NJ 08822	Other Instructional Site
Irvington High School 1253 Clinton Avenue Irvington, NJ 07111	Other Instructional Site
John E. Dwyer Technology Academy 123 Pearl Street Elizabeth, NJ 07202	Other Instructional Site

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Kearny High School 336 Devon St Kearny, NJ 07032	Other Instructional Site
Livingston High School 30 Robert Harp Drive Livingston, NJ 07039	Other Instructional Site
Mahwah High School 50 Ridge Road Mahwah, NJ 07430	Other Instructional Site
Malcolm X Shabazz High School 80 Johnson Avenue Newark, NJ 07108	Other Instructional Site
Marlboro High School 95 North Main Street Marlboro, NJ 07746	Other Instructional Site
Newark Vocational High School 301 West Kinney Street Newark, NJ 07103	Other Instructional Site
Northern Highlands Regional High School 298 Hillside Avenue Allendale, NJ 07642	Other Instructional Site
Ocean Township High School 163 Monmouth Road Oakhurst, NJ 07755	Other Instructional Site
Old Tappan High School 140 Central Avenue Old Tappan, NJ 07675	Other Instructional Site
Parsippany High School 309 Baldwin Rd Parsippany, NJ 07054	Other Instructional Site
Parsippany Hills High School 20 Rita Dr Morris Plains, NJ 07950	Other Instructional Site
Passaic Academy for Science & Engineering 291 Lafayette Avenue Passaic, NJ 07055	Other Instructional Site
Paterson STEAM High School 90 Delaware Avenue Paterson, NJ 07503	Other Instructional Site
Perth Amboy High School 300 Eagle Ave. Perth Amboy, NJ 08861	Other Instructional Site
Pioneer Academy 164 Totowa Road Wayne, NJ 07470	Other Instructional Site

New Jersey Institute of Technology Institutional Profile 2025

Plainfield High School 950 Park Avenue Plainfield, NJ 07060	Other Instructional Site
Rita L. Owens STEAM Academy 36 Mount Vernon Avenue Irvington, NJ 07111	Other Instructional Site
Saddle Brook High School 355 Mayhill Street Saddle Brook, NJ 07663	Other Instructional Site
Science Park High School 260 Norfolk St Newark, NJ 07103	Other Instructional Site
St. Benedict's Preparatory School 520 Dr. Martin Luther King, Jr. Boulevard Newark, NJ 07102	Other Instructional Site
STEM Innovation Academy of the Oranges 445 Scotland Road South Orange, NJ 07079	Other Instructional Site
Sussex County Technical School 105 North Church Rd Sparta, NJ 07871	Other Instructional Site
The Academy for Math, Science & Engineering- Morris County 520 W Main St Rockaway, NJ 07866	Other Instructional Site
University High School 55 Clinton Place Newark, NJ 07108	Other Instructional Site
Warren County Technical High School 1500 Route 57 Washington, NJ 07882	Other Instructional Site
Wayne Valley High School 551 Valley Rd. Wayne, NJ 07470	Other Instructional Site
Weequahic High School 279 Chancellor Avenue Newark, NJ 07112	Other Instructional Site
West Morris Regional HS District 10 S. Four Bridges Road Chester, NJ 07930	Other Instructional Site
West Side High School 403 S Orange Ave Newark, NJ 07103	Other Instructional Site

Definitions: For definitions of branch campus, additional locations, or other instructional sites, see the [Commission's Substantive Change Policy and Procedures](#).

Accreditation Actions

The following represents the MSCHE accreditation actions taken in the last ten (10) years. For more information, see the [Commission's Accreditation Actions Policy and Procedures](#) and the [Substantive Change Policy and Procedures](#).

November 1, 2024	To acknowledge receipt of the supplemental information report requested by the Commission action of May 20, 2024. The next evaluation visit is scheduled for 2029-2030.
June 26, 2024	To acknowledge receipt of the substantive change request. To note the institution's decision to close the additional location at 100 Pingleyuan Chaoyang District, China that ceased operations effective December 31, 2012. To remove the additional location from the institution's scope of accreditation. To note that the Commission reserves the right to rescind this action if any developments reveal additional information that might have affected the Commission's decision. The next evaluation visit is scheduled for 2029-2030.
May 20, 2024	Staff acted on behalf of the Commission to request a supplemental information report, due September 1, 2024, that provides additional information on Standard II: Ethics and Integrity and Standard IV: Support of the Student Experience. The next evaluation visit is scheduled for 2029-2030.
January 18, 2024	To rescind the substantive change action April 28, 2022, for the additional location at 1 NJIT, Bloomfields, Mostakbal City (Arab Contractors), Eastern Lotus Extension, New Cairo, Egypt because the change was not implemented within one calendar year. The action to rescind a substantive change request is not an adverse action, therefore, it is not subject to appeal.
November 16, 2023	To acknowledge receipt of the supplemental information report requested by the Commission action of June 23, 2022. The next evaluation visit is scheduled for 2029-2030.
October 31, 2023	To note the verification visit took place on June 21, 2023 to the main campus at University Heights, Newark, NJ 07102.
June 23, 2022	To acknowledge receipt of the self-study report. To note that the institution hosted a virtual site visit in lieu of an on-site visit in accordance with the United States Department of Education (USDE) guidelines published March 17, 2020. To reaffirm accreditation. To request a supplemental information report, due April 1, 2023, documenting further evidence of the implementation of organized and systematic assessments that evaluate the extent of student achievement in general education (Standard V). To note that a verification visit is required by USDE guidelines and will be conducted within a reasonable period of time following the virtual site visit. The next evaluation visit is scheduled for 2029-2030.
June 17, 2020	To acknowledge receipt of the substantive change request. To note the institution's decision to close the additional location at 1200 Old Trenton Road, Windsor, NJ 08550. To require immediate notification when instruction ceases at the additional location. To note that the Commission reserves the right to rescind approval of this substantive change if any developments reveal additional information that might have affected the Commission's decision and/or the requested substantive change is not implemented within one calendar year from the date of this action. The next evaluation visit is scheduled for 2021-2022.
April 30, 2019	To acknowledge receipt of the substantive change request. To include the additional location at NJIT@Jersey City, 101 Hudson Street, Jersey City, NJ 07302 within the institution's scope of accreditation. To note that the Commission may rescind this action if instruction does not commence within one calendar year from the date of this action. The next evaluation visit is scheduled for 2021-2022.
November 16, 2017	To accept the Periodic Review Report, to reaffirm accreditation, and to commend the institution for the quality of the report and the PRR process. The next evaluation visit is scheduled for 2021-2022.
July 5, 2017	To acknowledge receipt of the substantive change request. To include the additional location at Mercer County Community College, 1200 Old Trenton Road, Windsor, NJ 08550 within the scope of the institution's accreditation. The Commission requires written notification within thirty days of the commencement of operations at this additional location. Operations at the additional location must commence within one calendar year from the date of this action. To note that the Periodic Review Report has been received and will be acted upon by the Commission at the November meeting.
March 6, 2014	To accept the progress report. The Periodic Review Report is due June 1, 2017.
August 1, 2013	To note the institution never opened the additional locations in Kochi, India and Thiruvananthapuram, India. To also note that approval has lapsed and to remove the contractual agreement with NeST Group of Companies and these additional locations from the institution's accreditation.
June 28, 2012	To reaffirm accreditation. To request a progress report, due December 1, 2013, documenting evidence of steps taken to strengthen shared governance (Standard 4). The Periodic Review Report is due June 1, 2017.

February 28, 2012	To acknowledge receipt of the substantive change request and to include the contractual agreement with NeST Group of Companies and the additional locations in Kochi, India and Thiruvananthapuram, India, provisionally within the scope of the institution's accreditation, pending a site visit to one of these locations within six months of commencing operations. The Commission requires written notification within thirty days of the commencement of operations at these additional locations. In the event that operations at the additional locations do not commence within one calendar year from the approval of this action, approval will lapse. The next evaluation visit is scheduled for 2011-2012.
August 30, 2011	To acknowledge the substantive change request and to include the contractual agreement with Amity University, located at Sector 44, Noida, U.P., India, within the scope of the institution's accreditation. The next evaluation visit is scheduled for 2011-2012.
June 25, 2009	To thank the institution for receiving its representative and to affirm the decision to include the additional location at Beijing University of Technology within the scope of the institution's accreditation. To document receipt of the Certificate of Approval from the Ministry of Education of the People's Republic of China to operate the program. To remind the institution that a site visit to the additional location in Dubai is pending within six months of commencing operations at the site. Furthermore, to advise the institution that the Commission reserves the right to delay the visit if it determines that security considerations would affect the safety of its staff, team members, or others. The next evaluation visit is scheduled for 2011-2012.
November 15, 2007	To accept the Periodic Review Report and to reaffirm accreditation. The next evaluation visit is scheduled for 2011-2012.

Information about the Middle States Commission on Higher Education

The Middle States Commission on Higher Education (MSCHE) is a global institutional accreditor recognized since 1952 by the United States Secretary of Education. As an institutional accreditor and member of the regulatory triad, MSCHE assures students and the public of the educational quality for its over 500 institutions of higher education.

MSCHE accreditation applies to an institution as a whole rather than the specific programs within an institution. MSCHE does not approve or accredit individual programs. Each institution is regularly and consistently evaluated and monitored in accordance with the Commission's policies and procedures.

An institution maintains its accreditation unless it is voluntarily surrendered, whether through institutional closure or otherwise, or it is denied or withdrawn by the Commission. For more information, visit msche.org.

II.A.2 Professional Accreditation

- Association to Advance Collegiate Schools of Business (AACSB)
- American Chemical Society (ACS)
- Accreditation Board for Engineering and Technology (ABET)
- Association of Technology, Management, and Applied Engineering (ATMAE)
- Council for Interior Design Accreditation (CIDA)
- Forensic Science Education Programs Accreditation Commission (FEPAC)
- National Architectural Accrediting Board (NAAB)
- National Association of Schools of Art and Design (NASAD)



B. Number of Students Served

NJIT served 14,698 enrolled students in the fall of 2024.

II.B.1 Number of Undergraduate Students by Attendance Status

Table II.B.1
UNDERGRADUATE ENROLLMENT BY ATTENDANCE STATUS, FALL 2024

Full-time		Part-time		Total
Number	Percent	Number	Percent	Number
8,605	84.4%	1,595	15.6%	10,200

II.B.2 Number of Graduate Students by Attendance Status

Table II.B.2
GRADUATE ENROLLMENT BY ATTENDANCE STATUS, FALL 2024

Full-time		Part-time		Total
Number	Percent	Number	Percent	Number
2,016	66.2%	1,031	33.8%	3,047

II.B.4 FY2023 (12-Month) Unduplicated Enrollments

Table II.B.4
UNDULICATED ENROLLMENT, FY 2024

	Headcount Enrollment	Credit Hours	FTE
Undergraduate	10,578	263,239	8,775
Graduate	4,120	51,344	2,139
Doctoral-Professional Practice	0	0	0
Total	14,698	314,583	10,914

C. Characteristics of Undergraduate Students

More than 18,247 individuals applied for admission as first-time freshmen to NJIT for fall 2025.

II.C.1 Mean Math and Evidence-Based Reading & Writing SAT Scores

Fall 2024 freshmen entered NJIT as either regular admits or Educational Opportunity Fund (EOF) admits. By admitting students using different admissions categories, the university provides opportunities to a broader range of students.

Table II.C.1 contains information on the average SAT scores of NJIT's fall 2024 enrolled full-time and part-time first-time freshmen. It should be noted that the first-time, full-time freshman population differs slightly from the cohort of first-time, full-time undergraduates who are tracked for federal reporting purposes using the IPEDS Graduation Rate Survey (GRS). This is because the IPEDS cohort also includes first-time, full-time students who are admitted above the freshman level because of advanced placement credits.

Prior to the 2023 Institutional Profile report, enrollment figures for Tables II.C.1 and II.C.2 included non-degree students. Starting with the 2023 Institutional Profile report, enrollment figures for these metrics exclude non-degree students and only include degree-seeking undergraduates.

Table II.C.1
MEAN MATH, READING, AND WRITING SAT SCORES FOR FIRST-TIME FRESHMEN, BY ADMISSION
STATUS AND OVERALL, FALL 2024

Full-Time Students					
	Total	ERW*	N	Math	N
Regular Admits	1470	660	628	690	628
EOF Admits	84	601	29	618	29
Special Admits	0	0	0	0	0
Total	1554		657		657
Missing Scores		897		897	

Part-Time Students					
	Total	ERW*	N	Math	N
Regular Admits	2	570	1	610	1
EOF Admits	0	0	0	0	0
Special Admits	0	0	0	0	0
Total	2		1		1
Missing Scores			1		1

*Note: ERW is Evidence-Based Reading & Writing.

II.C.2 Enrollment in Remediation Courses by Subject Area

Table II C.2
ENROLLMENT IN REMEDIATION COURSES

Total Number of Undergraduate Students Enrolled in Fall 2024

Total Fall 2024 Undergraduate Enrollment	Number of Students Enrolled in One or More Remedial Courses	Percent of Total
9,019	0	0%

Total Number of First-Time, Full-Time (FTFT) Students Enrolled in Remediation in Fall 2024

Total Fall Number of FTFT Students	Number of FTFT Students Enrolled in One or More Remedial Courses	Percent of FTFT Enrolled in One or More Remedial Courses
1,554	0	0%

First-Time, Full-Time (FTFT) Students Enrolled in Remediation in Fall 2024 by Subject Area

Subject Area	Number of FTFT Enrolled In:	Percent of FTFT Enrolled In:
Computation	0	0.0%
Algebra	0	0.0%
Reading	0	0.0%
Writing	0	0.0%
English	0	0.0%

II.C.3 Race/Ethnicity, Sex, and Age

Table II.C.3.a
UNDERGRADUATE ENROLLMENT BY RACE/ETHNICITY: FALL 2024

		Full-time	Part-time	Total
White	N	2,473	425	2,898
	Percent	28.7%	26.6%	28.4%
Black	N	886	279	1,165
	Percent	10.3%	17.5%	11.4%
Hispanic	N	2,473	306	2,779
	Percent	28.7%	19.2%	27.2%
Asian	N	1,749	235	1,984
	Percent	20.3%	14.7%	19.5%
American Ind.	N	8	2	10
	Percent	0.1%	0.1%	0.1%
Native Hawaiian/Other Pacific Islander	N	2	3	5
	Percent	0.00%	0.20%	0.00%
U.S. Nonresident	N	553	50	603
	Percent	6.4%	3.1%	5.9%
Two or More Races	N	279	21	300
	Percent	3.2%	1.3%	2.9%
Race Unknown	N	182	274	456
	Percent	2.1%	17.2%	4.5%
Total	N	8,605	1,595	10,200

Table II.C.3.b
UNDERGRADUATE ENROLLMENT BY SEX: FALL 2024

	Male	Percent	Female	Percent	Total
Full-Time	6,098	70.9%	2,507	29.1%	8,605
Part-Time	984	61.7%	611	38.3%	1,595
Total	7,082	69.4%	3,118	30.6%	10,200

Table II.C.3.c
UNDERGRADUATE ENROLLMENT BY AGE: FALL 2024

	Full-Time		Part-Time		Total	
	N	Percent	N	Percent	N	Percent
LT 18	55	673	728	0.6%	42.2%	7.1%
18-19	2,959	175	3,134	34.4%	11.0%	30.7%
20-21	3,166	136	3,302	36.8%	8.5%	32.4%
22-24	1,743	274	2,017	20.3%	17.2%	19.8%
25-29	507	210	717	5.9%	13.2%	7.0%
30-34	125	56	181	1.5%	3.5%	1.8%
35-39	35	29	64	0.4%	1.8%	0.6%
40-49	10	29	39	0.1%	1.8%	0.4%
50-64	5	6	11	0.1%	0.4%	0.1%
65+	0	1	1	0.0%	0.1%	0.0%
Unknown	0	6	6	0.0%	0.4%	0.1%
Total	8,605	1,595	10,200	100.0%	100.0%	100.0%

**Some totals may be higher than 100.0% due to rounding.*

II.C.4 Numbers of Students Receiving Financial Assistance under Each Federal-, State-, and Institution-Funded Aid Program

During the 2023-2024 academic year, undergraduates at NJIT received financial aid from multiple sources, i.e., Federal, State, institution, and other private sources. Aid was provided in the form of scholarships, grants, loans, and waivers.

Table II.C.4
FINANCIAL AID FROM FEDERAL, STATE, & INSTITUTION-FUNDED PROGRAMS, AY2023-2024

Federal Programs	Recipients	Dollars (\$)	\$ / Recipient
Pell Grants	4,028	\$23,184,000	\$5,755.71
College Work Study	326	\$531,000	\$1,628.83
Perkins Loans	0	\$0	\$-
SEOG	1,733	\$599,000	\$345.64
PLUS Loans	384	\$8,103,000	\$21,101.56
Stafford Loans (Subsidized)	2,690	\$11,273,000	\$4,190.71
Stafford Loans (Unsubsidized)	2,568	\$9,918,000	\$3,862.15
SMART & ACG or Other	0	\$0	\$0
CARES ACT- HEERF Student Aid	0	\$0	\$0

State Programs	Recipients	Dollars (\$)	\$ / Recipient
Tuition Aid Grants (TAG)	3,346	\$29,859,000	\$8,923.79
Educational Opportunity Fund (EOF)	512	\$967,000	\$1,888.67
Other State Programs (OSRP, NJ-GIVS, WTC, etc.)	0	\$0	\$0
Distinguished Scholars	0	\$0	\$0
Urban Scholars	22	\$21,000	\$954.55
NJ STARS	28	\$62,000	\$2,214.29
CCOG	0	\$0	\$0
NJCLASS Loans	108	\$1,770,000	\$16,388.89
GSG	0	\$0	\$0

Institutional Programs	Recipients	Dollars (\$)	\$ / Recipient
Grants/Scholarships	4,391	\$48,963,000	\$11,150.76
Institutional Loans	0	\$0	\$0

II.C.5 Percentage of Students Who Are New Jersey Residents

Close to 88% percent of first-time undergraduates were from the state of New Jersey in the fall 2024 cohort.

Table II.C.5
Fall 2024 First-Time Undergraduate Enrollment by State Residence

State Residents*	Non-State Residents	Total	% State Residents
1,367	189	1,556	87.85%

**Residence unknown included with New Jersey residents*

D. Student Outcomes

The one-year retention rate of first-time, full-time freshmen (fall 2023 cohort) is 89.5%, and the six-year graduation rate is 72.8% for the fall 2018 cohort.

II.D.1 Graduation Rates

Table II.D.1.c
FOUR-, FIVE- AND SIX-YEAR GRADUATION RATE OF FALL 2018 FULL-TIME, FIRST-TIME
DEGREE/CERTIFICATE SEEKING STUDENTS

		2018 Cohort	Graduates after 4 years	Graduates after 5 years	Graduates after 6 years
American Ind.	N	0	0	0	0
	Percent	0.0%	0.0%	0.0%	0.0%
Asian	N	316	183	239	249
	Percent	0.0%	57.9%	75.6%	78.8%
Black	N	96	33	51	61
	Percent	0.0%	34.4%	53.1%	63.5%
Hispanic	N	219	73	128	142
	Percent	0.0%	33.3%	58.4%	64.8%
Pacific Islander	N	0	0	0	0
	Percent	0.0%	0.0%	0.0%	0.0%
U.S. Nonresident	N	98	54	65	70
	Percent	0.0%	55.1%	66.3%	71.4%
Race Unknown	N	24	13	17	18
	Percent	0.0%	54.2%	70.8%	75.0%
2 or More Races	N	41	19	23	25
	Percent	0.0%	46.3%	56.1%	61.0%
White	N	432	223	308	327
	Percent	0.0%	51.6%	71.3%	75.7%
Total	N	1226	598	831	892
	Percent	0.0%	48.8%	67.8%	72.8%

II.D.2 Third-Semester Retention Rates

Table II.D.2.a
THIRD-SEMESTER RETENTION OF FIRST-TIME UNDERGRADUATES BY ATTENDANCE STATUS, FALL 2023 TO FALL 2024

Full-Time			Part-Time		
Fall 2023 First-Time Undergraduates	Retained in Fall 2023	Retention Rate	Fall 2023 First-Time Undergraduates	Retained in Fall 2023	Retention Rate
1,635	1,464	89.5%	127	69	54.3%

E. Faculty Characteristics

A total of 532 full-time faculty (including tenured/tenure-track faculty and non-tenured University Lecturers) taught classes in Fall 2024.

II.E.1 Full-Time Faculty by Race/Ethnicity, Gender, and Tenure Status

Table II.E.1

FULL-TIME FACULTY BY RACE/ETHNICITY, SEX, TENURE STATUS & ACADEMIC RANK: FALL 2024

		American Indian		Asian		Black		Hispanic		Pacific Islanders		U.S. Nonres ident		Race Unknown		2 or More Races		White		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	All
TENURED																					
Professors	0	0	36	5	0	0	4	0	0	0	6	1	10	0	0	0	68	9	124	15	139
Associate Professors	0	0	28	11	0	0	2	1	0	0	5	3	3	0	0	0	39	9	77	24	101
Assistant Professors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
All Others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	64	16	0	0	6	1	0	0	11	4	13	0	0	0	107	18	201	39	240
NOT TENURED																					
Professors	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2

Associate Professors	0	0	4	0	0	0	0	0	0	0	1	0	0	0	0	0	2	2	7	2	9
Assistant Professors	0	0	8	10	0	0	4	1	0	0	27	15	2	1	0	0	20	18	61	45	106
All Others	0	0	18	7	0	0	12	2	0	0	14	5	5	0	1	2	63	37	113	53	166
Total	0	0	30	18	0	0	16	3	0	0	42	20	7	1	1	2	86	57	182	101	283
WITHOUT FACULTY STATUS																					
Total	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	4	2	4	5	9
GRAND TOTAL																					
Total	0	0	94	36	0	0	22	4	0	0	53	24	20	2	1	2	197	77	387	145	532

II.E.2 Percentage of Course Sections Taught by Full-Time Faculty

Table II.E.2
PERCENTAGE OF COURSE SECTIONS TAUGHT BY FULL-TIME FACULTY FALL 2024

	Taught by Full-Time Faculty		Taught by Part-Time Faculty		Taught by Others*	
	Number	Percent	Number	Percent	Number	Percent
**Total Number of Course Sections	1198	54.8%	809	37%	179	8%

* Others include Full-time Administrators and Teaching Assistants.

** Excludes Service Learning, Co-ops, Labs, Seminars, etc.

II.E.3 Ratio of Full- to Part-time Faculty

Table II.E.3
RATIO OF FULL-TIME TO PART-TIME FACULTY, FALL 2024

	Number	Percent
Total Number of Full-time Faculty	531	57.5%
Total Number of Part-time Faculty	395	42.5%
Total	926	100.0%

F. Characteristics of the Trustees or Governors



II.F.1 Race/Ethnicity and Sex (simultaneously)

Table II.F.1
RACE/ETHNICITY AND SEX OF BOARD OF TRUSTEES AT
NEW JERSEY INSTITUTE OF TECHNOLOGY

	Male	Female	Total
White	9	2	11
Black	1	1	2
Hispanic	0	1	1
Asian	1	0	1
American Indian	0	0	0
International	0	0	0
Unknown	0	0	0
Total	11	4	15

II.F.2 List of Trustees/Governors with Titles and Affiliations

Table II.F.2
MEMBERS OF THE BOARD OF TRUSTEES

Name	Title	Affiliation
Hon. Philip D. (Phil) Murphy, '19 HON, ex-officio	Governor	State of New Jersey
Hon. Ras J. Baraka, '18HON, ex-officio	Mayor	City of Newark
Robert C. Cohen, '83, '84, '87, chair	Vice President	Innovation and Technology, Orthopaedics Group, Stryker
Elisa Charters, '92, '93, co-vice chair	President	Latina Surge National
	Founder	Juego.Juegos Software & AI Co.
Norma J. Clayton, '81, co-vice chair	VP of Learning, Training & Development (RETIRED)	The Boeing Company

Nicholas M. DeNichilo, '73, '78, co-vice chair	President & CEO (RETIRED)	Mott MacDonald
Dhiraj Shah, '00H, co-vice chair	Founder and Executive Chairman	AVAAP
Demetrios "Jim" Stamatis, '85, co-vice chair	CEO	True Environmental
Dennis M. Toft, Esq., co-vice chair	Member and Chair, Environmental Law	Chiesa Shahinian & Giantomasi PC
Dr. Jason R. Baynes, member	Founding Member and Manager	Baynes Orthopaedics
Adam Broder, member	Founder and President	The Broder Group
Gary C. Dahms PE, PP, CME, member	President and CEO	T&M Associates
Richard M. Maser, '73, member	Founder and Executive Chairman	Colliers Engineering Design
Diane Montalto, '82, member	President	DSA Engineering LLC
Paul V. Profeta, member	President	Paul V. Profeta and Associates, Inc.
Adam Shain, '05, '08, member	Vice President, Global Head of Patient Solutions	Aptar
Kim Vierheilig, '99H, '00, member	President	Buildings, STV Incorporated

II.F.3 URLs of Webpages with Information on Trustees/Governors

Table II.F.3
URL OF WEBPAGE WITH INFORMATION ON TRUSTEES

URL
https://www.njit.edu/boards/board-trustees-membership/

G. Profile of the Institution

II.G.1 Degree and Certificate Programs

In fall 2025, NJIT students were enrolled in 23 Ph.D. programs, master's programs in 47 specialties, 31 Post Baccalaureate Certificate programs and 56 active baccalaureate degree programs.

COLLEGE OF SCIENCE AND LIBERAL ARTS

Bachelor of Arts

Biology
Communication
History
Law, Technology, & Culture
Theater Arts and Technology

Bachelor of General Studies

General Studies

Bachelor of Science

Applied Physics
Biochemistry
Biology
Chemistry
Communication
Cyberpsychology
Data Science Statistics Option
Environmental Science
Forensic Science
Mathematical Sciences
Science, Technology & Society
Undecided-Sci & Liberal Arts

Doctor of Philosophy

Applied Physics
Biology

Chemistry

Data Science Statistics Option
Environmental Science
Materials Science & Engr
Mathematical Sciences

Master of Science

Applied Mathematics
Applied Physics
Applied Science
Applied Statistics
Biology
Biology of Health
Biostatistics
Chemistry
Data Science Statistics Track
Environmental Science
Materials Science & Engineering
Pharmaceutical Chemistry

Post-Baccalaureate Certificate

Cell and Gene Therapy Sci
Environmental Sci & Engr
Environmental Science
Neuroscience
Statistics for Data Science

HILLIER COLLEGE OF ARCHITECTURE AND DESIGN

Bachelor of Architecture

Architecture

Bachelor of Arts

Digital Design
Interior Design

Bachelor of Science

Architecture
Industrial Design

Doctor of Philosophy

Urban Systems

Master of Architecture

Architecture

Master of Science

Architecture

Digital Design

Urban Design

MARTIN TUCHMAN SCHOOL OF MANAGEMENT

Bachelor of Science

Business

Financial Technology

Doctor of Philosophy

Business Data Science

Master of Business Administration

Business Administration

Master of Science

Management

Post-Baccalaureate Certificate

Business Analytics

Financial Technology

Management Information Systems

Management of Technology

NEWARK COLLEGE OF ENGINEERING

Bachelor of Science

Biomedical Engineering

Chemical Engineering

Civil Engineering

Computer Engineering

Computer Technology

Concrete Industry Management

Construction Engineering Tech

Construction Management Tech

Electrical & Computer Eng Tech

Electrical Engineering

General Engineering

Industrial Engineering

Manufacturing Engr Tech

Materials Engineering

Mechanical Engineering

Mechanical Engineering Tech

Medical Informatics Tech

Surveying Engineering Tech

Technology Education

Doctor of Philosophy

Biomedical Engineering

Chemical Engineering

Civil Engineering

Computer Engineering

Electrical Engineering

Environmental Engineering

Industrial Engineering

Materials Science & Engr

Mechanical Engineering

Transportation

Master of Science

Biomedical Engineering

Chemical Engineering

Civil Engineering

Computer Engineering

Critical Infrastructure System

Electrical Engineering

Engineering Management

Engineering Science

Industrial Engineering

Internet Engineering

Manufacturing Systems Engr

Materials Science & Engr

Mechanical Engineering	Construction Management
Occupational Safety & Health	Hydrology & Water Res Engr
Engr.	Pharmaceutical Management
Pharmaceutical Engineering	Pharmaceutical Manufacturing
Pharmaceutical Sys Management	Pharmaceutical Technology
Power and Energy Systems	Polymers and Plastics
Telecommunications	Power Systems Engineering
Transportation	Project Management
Post-Baccalaureate Certificate	Transportation Studies

YING WU COLLEGE OF COMPUTING

Bachelor of Arts	Computer Science
Computer Science	Computing & Business
Information Systems	Cyber Security & Privacy
Bachelor of Science	Data Science Comp Track
Business & Information Systems	Information Systems
Computer Science	IT Administration & Security
Computing & Business	Software Engineering
Data Science Computing Option	Post-Baccalaureate Certificate
Human Computer Interaction	Artificial Intelligence
Information Technology	Big Data Essentials
Undecided-Computing	Bus & Info Syst Implementation
Web & Information Systems	Cert in Found of Cybersecurity
Doctor of Philosophy	Certificate in Comp Sci
Computer Science	Data Mining
Data Science Computing Option	Information Security
Information Systems	IT Administration
Master of Science	Network Security & Inform.
Artificial Intelligence	Assurance
Bioinformatics	Software Engr Analysis/Design
Business & Information Systems	

ACCELERATED PROGRAMS

- B.Arch./MBA
- B.Arch./MUD
- B.Arch./MS
- BA/BS/MPH with Rutgers School of Public Health (Master's in Public Health)
- BA/DMD with Rutgers School of Dental Medicine

- BA/DPT with Rutgers NJ Medical School (Physical Therapy)
- BA/MD with American University of Antigua, West Indies
- BA/MD with Rutgers NJ Medical School
- BA/MD/MBA with American University of Antigua, West Indies
- BA/OD with State University of New York (SUNY) College of Optometry
- BS/JD with Pace University Law School
- BS/JD with Seton Hall University School of Law
- BS/MBA
- BS/MD
- BS/MUD
- BS/MS
- BS/OD

II.G.2 Agreements and Articulations with Other Schools and Institutions

Agreements with Secondary Schools

Academy for Math, Science, and Engineering, Dual Enrollment

Arts High School, Dual Enrollment

Bergen County Academies, Dual Enrollment

Bergen County Technical High School, Dual Enrollment

Boonton Public Schools, Dual Enrollment

Central High School, Dual Enrollment

Colonia High School, Dual Enrollment

Cranford High School, Dual Enrollment

Demarest High School, Dual Enrollment

Don Bosco Prep, Dual Enrollment

Eagle Academy, Dual Enrollment

East Side High School, Dual Enrollment

Essex County Schools of Technology, Dual Enrollment

Franklin School, Dual Enrollment

Freehold High School, Dual Enrollment

Freehold Township High School, Dual Enrollment

Gill St. Bernard's School, Dual Enrollment

Glen Ridge High School, Dual Enrollment

High Point Regional High School, Dual Enrollment

Hillside High School, Dual Enrollment

Hoboken High School, Dual Enrollment

Holmdel Public Schools, Dual Enrollment

Hunterdon Central Regional High School, Dual Enrollment

Irvington High School, Dual Enrollment

John E. Dwyer Technology Academy, Dual Enrollment

Kearny High School, Dual Enrollment

Livingston Public Schools, Dual Enrollment

Mahwah High School, Dual Enrollment

Malcolm X Shabazz High School, Dual Enrollment

Marlboro High School, Dual Enrollment

Middlesex County Magnet School District, Dual Enrollment

Morris Hills Regional District, Dual Enrollment

Newark School of Global Studies, Dual Enrollment

Newark Vocational High School, Dual Enrollment

Northern Highlands Regional, Dual Enrollment

North Plainfield Public Schools, Dual Enrollment

Ocean Township High School, Dual Enrollment

Old Tappan High School, Dual Enrollment

Orange High School, Dual Enrollment

Parsippany-Troy Hills School District, Dual Enrollment

Passaic Academy for Science & Engineering, Dual Enrollment

Paterson Charter School for Science and Technology, Dual Enrollment

Paterson STEAM High School, Dual Enrollment

Perth Amboy High School, Dual Enrollment

Pioneer Academy, Dual Enrollment

Rita L. Owens STEAM Academy, Dual Enrollment

Science Park High School, Dual Enrollment

South Orange & Maplewood School District, Dual Enrollment

St. Benedict's Preparatory School, Dual Enrollment

Staten Island Academy, Dual Enrollment

STEM Innovation Academy of the Oranges, Dual Enrollment

Sussex County Technical School, Dual Enrollment

Union Catholic High School, Dual Enrollment

University High School, Dual Enrollment

Warren County Technical High School, Dual Enrollment

Wayne Valley High School, Dual Enrollment

Weequahic High School, Dual Enrollment

West Morris Regional HS District, Dual Enrollment

West Side High School, Dual Enrollment

Articulation Agreements with In-State, Two-Year Colleges

Bergen Community College

Applied Math, Biology, Biomedical Engineering, Business, Chemical Engineering, Civil Engineering, Computer Engineering, Computer Science, Electrical Engineering, Industrial Engineering, Information Technology, Mechanical Engineering

Bergen Community College Honors Program

Albert Dorman Honors College

Brookdale Community College

Business, Chemical Engineering, Civil Engineering, Computer Engineering, Computer Science, Computer Technology, Electrical Engineering, Electrical Technology, Engineering Science, Industrial Engineering, Mechanical Engineering

Burlington County College

Business, Chemical Engineering, Civil Engineering, Computer Engineering, Computer Science, Electrical Engineering, Electrical Engineering Technology, Industrial Engineering, Mechanical Engineering

County College of Morris

Business, Electrical Technology

Essex County College

Biology, Business, Chemistry, Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, History, Industrial Engineering, Information Technology, Mechanical Engineering

Hudson County Community College

Business, Chemical Engineering, Civil Engineering, Computer Engineering, Computer Science, Electrical Engineering, Electrical Technology, Industrial Engineering, Information Systems

Mercer County Community College

Business, Chemical Engineering, Civil Engineering, Computer Engineering, Computer Science, Computer Technology, Engineering Technology, Option in Construction Engineering Technology, Industrial Engineering, Mechanical Engineering, Surveying Technology

Middlesex County College

Business, Chemical Engineering, Civil Engineering, Computer Engineering, Computer Science, Electrical Engineering, Electrical Technology, Industrial Engineering, Manufacturing Engineering Technology, Mechanical Engineering

Ocean County College

Business, Civil Engineering, Computer Engineering, Electrical Technology, Mechanical Engineering, Surveying Technology

Passaic County Community College

Business, Engineering Technology

Raritan Valley Community College

Applied Mathematics, Biology, Business, Chemistry, Computer Science, Electrical Technology, Management

Union County College

Business, Chemical Engineering, Civil Engineering, Construction Engineering Technology, Computer Engineering, Computer Technology, Electrical Engineering, Electrical Technology, Industrial Engineering, Mechanical Engineering, Mechanical Technology, Surveying Technology

Agreements with Out-of-State, Two-Year Colleges

Lincoln Technical Institute

A.A.S. degree students transfer to NJIT to pursue BS in Electrical Technology

Rockland County College

Electrical Engineering Technology

Agreements with U.S. Four-Year Colleges and Universities (Undergraduate)

New Jersey City University

3+2 Dual Degree Program for NJCU students majoring in Applied Physics to transfer to NJIT to pursue BS in Electrical Engineering

New York Institute of Technology College of Osteopathic Medicine

Early Interview Assurance Program

Pace University

Qualified NJIT students are admitted to Pace University School of Law

Paul Smith College of Arts and Science

2+2 program in Surveying Technology

Ponce Health Sciences University

Undergraduate program leading to BA-MD Degrees

William Paterson University

Students complete coursework in the Pre-Engineering program at WPU, then transfer to NJIT to pursue a degree in one of the engineering disciplines.

Seton Hall University

3+2 Dual Degree Program for SHU students majoring in either Chemistry or Physics to transfer to NJIT to pursue a degree in one of the engineering disciplines.

Stockton State College

3+2 Liberal Arts/Engineering Dual Degree Program

Thomas Edison State University

ASAST students will pursue BS in Engineering Technology degree program at NJIT.

Rutgers University

Qualified Albert Dorman Honors College students will enroll at the Rutgers School of Public Health to pursue the Masters in Public Health degree.

Agreements with International Institutions

UNDERGRADUATE		
Grenada, West Indies	St. George's University Limited	Articulation Agreement
India	Heritage Institute of Technology	Summer Research Program
Italy	Universita degli Studi di Parma	Joint Degrees
Taiwan	Wenzao Ursuline University of Languages	Exchange

UNDERGRADUATE & GRADUATE		
Antigua	American University of Antigua	Accelerated Articulation Agreement
Austria	University of Innsbruck	Exchange
China	Qingdao University of Technology	Exchange; Articulation Agreement
China	Shanghai Lixin University of Accounting and Finance	Joint Degree (Supplement)
China	Wuchang University of Technology	Exchange
China	Xi'an University of Posts and Telecommunications (XUPT)	Exchange
China	Xiamen University of Technology	Exchange
Cyprus	Frederick University	Exchange
Egypt	Ain Shams University of Cairo & Ocean County College	Exchange
Germany	Furtwangen University of Applied Sciences	Exchange
Germany	The Hochschule Bremen - City University of Applied Sciences	Exchange
India	Jawaharlal Nehru Technological University Hyderabad (JNTU)	Exchange
India	Visvesvaraya Technological University	Exchange; Articulation Agreement
Italy	University of Bologna	Exchange
Netherlands	University of Twente	Exchange
Philippines	University of the Philippines	Exchange
South Korea	Hanyang University	Exchange
Spain	Universidad Nebrija	Exchange

Spain	Universidad Pontificia Comillas	Exchange
Spain	University of Cantabria (Universidad de Cantabria)	Exchange
Sweden	Jonköping University (School of Engineering and International Business School)	Exchange
Sweden	Linköping University	Exchange
Taiwan	National Chiao Tung University	Exchange
Taiwan	National Chung Cheng University	Exchange
Taiwan	National Kaohsiung University of Science and Technology	Exchange
Taiwan	National Taipei University of Technology (NTUT)	Exchange; Joint Research
Taiwan	National Taiwan Ocean University	Exchange; Dual Degree
Taiwan	National Tsing Hua University	Exchange
Turkey	Istanbul Technical University	Dual Degree
Turkey	TOBB University of Economics & Technology	Exchange - Erasmus+
Vietnam	Fulbright University	Joint Degrees

GRADUATE		
Germany	Universitat Passau	Joint Degree
India	Siksha O Anusandhan University	Joint Degree
India	Vekire Institute of Technology (VIT)	Joint Degrees
Israel	Ben-Gurion University of the Negev	Dual Degrees
Italy	Politecnico di Bari	Joint/Dual Degrees
Italy	University of Parma (Universita di Parma)	Joint Degrees
Italy	University of Parma (Universita di Parma)	Joint PhD Program
Japan	National Institute of Informatics	Exchange; Joint Research

H. Major Research and Public Service Activities

II.H.1 R&D Academic Expenditures

R&D Expenditures: Fiscal Year 2024	
Federally Financed Academic R&D Expenditures	\$91,999,000
Institutionally Financed Academic R&D Expenditures	\$64,784,000
Externally Financed Academic R&D Expenditures	\$106,957,000
Total Academic R&D Expenditures	\$171,741,000

II.H.2 Research Institutes, Centers and Laboratories



To achieve our research and educational goals, the university's strategic plan calls for multidisciplinary research collaborations and technology innovation-based entrepreneurship among faculty, staff and students, all of whom have a central part to play in advancing science, engineering and technology to fuel societal progress. We have organized our research into six principal areas: Bioscience and Bioengineering, Data Science and Management, Environment and Sustainability, Innovation and Entrepreneurship, Material Science and Engineering, and Robotics and Machine Intelligence. You can learn more about each institute, center, and laboratory at: <https://research.njit.edu/research-publications>

BIOSCIENCE AND BIOENGINEERING

This research cluster includes multidisciplinary research in the areas of biomedical devices, sensors and instrumentation, brain health & neuroscience, tissue engineering, biological sciences & behavior, molecular biology, evolutionary sciences, and gene therapy and phenotype related research.

INSTITUTES

- Institute of Brain and Neuroscience Research

CENTERS

- Center for Injury, Biomechanics, Materials and Medicine

- BioSensor Materials for Advanced Research & Technology (BioSMART Center)
- Center for Brain Imaging

LABORATORIES

- Advanced Biomaterials Translation Laboratory
- BioDynamics Laboratory
- Brain Stimulation Laboratory
- Cardiovascular Tissue Engineering and Stem Cell Laboratory
- Cellular Motion Laboratory
- Clinical Neuromuscular Adaptation Laboratory (CNAlab)
- Comparative Communication Laboratory
- Computational Biofluid Dynamics Lab
- Computational Fluid Dynamics and Natural Hazards Lab
- Computational Neuroanatomy and Neuroinformatics Lab
- Computational Orthopedics and Rehabilitation Lab
- Ecohydrology Lab
- Endocrine Disruption and Chemical Biology Laboratory
- Laboratory of Evolutionary Pattern and Process
- Fluid Locomotion Laboratory
- The Horax BioDatanamics Lab
- Interdisciplinary Forensic and Biomedical Sciences Lab (ForenBioS)
- Mechanobiology Lab
- Laboratory of Neuroethology of Locomotion
- Laboratory for Neurobiology and Behavior
- Neural Prosthetics Laboratory
- Neuroecology of Unusual Animals Laboratory
- Protein Engineering and Optimization Lab
- STG Lab
- Structural Ecology Lab
- Sensorimotor Quantification and Rehabilitation Laboratory
- Swarm Lab
- Urban Ecology Lab
- Vision and Neural Engineering Laboratory
- Zebrafish Neural Circuits and Behavior Laboratory
- Advanced Fabrication Lab

DATA SCIENCE AND MANAGEMENT

This research cluster includes the study and practice of data science and analytics, and extracting information and knowledge from data that can be used for medical, financial, business management scientific and engineering applications. These groups conduct research on bioinformatics, medical informatics, image processing, data mining, solar-terrestrial physics, transportation, financial management, business administration and management, life sciences and healthcare.

INSTITUTES

- Institute for Data Science
- Henry J. and Erna D. Leir Research Institute for Business, Technology, and Society
- Paul Profeta Real Estate Technology, Design and Innovation Center (RETDIC)

CENTERS

- Center for Applied Mathematics and Statistics
- Center for Big Data
- Center for Computational Heliophysics
- Cybersecurity Research Center
- Data-Driven Learning and Optimization Lab
- The Elisha Yegal Bar-Ness Center for Wireless Information Processing
- Leir Center for Financial Bubble Research
- Structural Analysis of Biomedical Ontologies Center

LABORATORIES

- Advanced Communication And Signal Processing (aCASP) Research Lab
- Advanced Networking Laboratory
- Big Data Analytics Lab
- Collective Intelligence Lab
- Design Computation Lab
- Gidget Lab - (G)ender - (I)nclusive (D)esign, (G)ame, and (E)ducational (T)echnology Lab
- Geriatric Engineering Technology Lab
- The GIScience & Remote Sensing Lab
- High Performance Computing Laboratory
- Networked Controls and Intelligent Diagnostics (NCID) Laboratory
- Networking Research Laboratory

- Laboratory for Discrete Event Systems
- Laboratory for High Performance DSP & Data Engineering Research (HPDER)
- Open Innovation Open Science Lab
- Operations Management Laboratory
- Optimized Networking Laboratory
- Redoubt System Security Lab
- Security, Privacy, Usability, Respect (SPUR) lab
- Social Interaction Laboratory
- Advanced Fabrication Lab
- Visual Perception Laboratory

ENVIRONMENT AND SUSTAINABILITY

The Environment and Sustainability cluster intersects with other research clusters including Material Science and Engineering, Robotics and Machine Intelligence and Data Science and Management in developing smart and green buildings and sustainable communities, understanding space weather and climate changes.

INSTITUTES

- Institute of Space Weather Science

CENTERS

- Center for Building Knowledge
- Center for Community Systems
- Center for Energy Efficiency, Resilience and Innovation (CEERI)
- Center for Ethics and Responsible Research
- Center for Resilient Design
- Center for Solar Terrestrial Research
- Center for Solar-Terrestrial Research—Big Bear Solar Observatory
- Center for Solar-Terrestrial Research- Expanded Owens Valley Solar Array
- Otto York Center for Environmental Engineering and Sciences
- Polar Engineering Development Center

LABORATORIES

- Advanced Circuit-to-Architecture Design Laboratory (ACAD Lab)
- Advanced Energy Systems and Microdevices Laboratory
- Analytical Chemistry and Nanotechnology Laboratory
- Atmospheric Chemistry Laboratory

- Building Dynamics Lab
- Building Energy and Built Environment (BE2) Lab
- Digital Spatial History Lab
- Emerging Contaminants Research Laboratory (ECRL)
- Energy and Environmental Nanotechnology Laboratory
- Environmental Systems Lab
- Laboratory of Environmental Microbiology and Biotechnology
- Lab for Intelligent and Resilient Built Environment
- Computational Atmospheric and Ocean Hazards Lab
- Clean Water Infrastructure Lab
- Green Technology Research and Training Laboratory
- Music Lab
- OptiML-Lab
- Photochemistry and Catalysis Laboratory
- Sensor Research Laboratory
- Wind Power Academy

Innovation and Entrepreneurship

NJIT's strategic plan places a priority on interdisciplinary partnerships, innovation, research translation and technology entrepreneurship to strengthen the university's impact on society and to boost the economy. The new Center for Translational Research will help researchers, for example, convert their science and engineering discoveries into market-ready technologies that will improve quality of life in areas ranging from health care, to sustainable energy, to data privacy. The New Jersey Innovation Institute combines the resources of NJIT and its partners in industry and government to drive innovations that make a direct impact on the economy, health and welfare of New Jersey and the nation.

INSTITUTES

- Institute for Future Technologies
- New Jersey Innovation Institute

CENTERS

- Center for Translational Research
- NSF iCorps Program Center
- New Jersey Innovation Acceleration Center

MATERIAL SCIENCE AND ENGINEERING

This research cluster includes human machine interface, cyber-human systems, robotics: bioinspired, medical, social and industrial autonomous systems, intelligent infrastructure, artificial intelligence, machine learning, and augmented and virtual reality. Robotics and bioinspired autonomous systems are making a significant impact in the society in many areas including rehabilitation, manufacturing, navigation and transportation, and medical and home-based care.

CENTERS

- Electronic Imaging Center
- Center for Membrane Technologies
- Center for Natural Resources
- Center for Structured Organic Particulate Systems
- Center of Materials for Advanced Energetics
- Membrane Science, Engineering and Technology (MAST) Center
- New Jersey Center for Engineered Particulates (NJCEP)

LABORATORIES

- Additive Manufacturing Lab
- Applied Electrohydrodynamics Laboratory
- Biophotonics and Bioimaging Laboratory
- Biophotonics Sensing and Imaging Laboratory
- Complex Flows and Soft Matter Group
- Computational Biophysics Laboratory
- Computer Assisted Tissue Engineering and Blood System Biology Laboratory
- Computational Laboratory for Porous Materials
- Computational Nanomechanics and Materials Science Laboratory
- Heat and Fluid Transport Engineering Research Laboratory
- High Performance Concrete and Structures Laboratory
- Instructive Biomaterials & Additive Manufacturing Laboratory (IBAM-Lab)
- Laboratory for the Mechanics of Advanced materials
- Laboratory of Nanomedicine and Healthcare Biomaterials
- Laboratory for Numerical Turbulence
- Material Analysis in Biological Systems Laboratory
- Material Dynamics Lab
- Materials and Structures Laboratory
- Mixing Laboratory
- Mass Spectrometry Research Laboratory
- Nanoelectronics and Energy Conversion Laboratory
- Nanomaterials for Energy and Environment Labs (NEEL)
- Nano-Optoelectronic Materials and Devices Laboratory
- Netto Lab
- Opto and Microfluidics Laboratory
- Organic Reactions and Mechanisms Laboratory
- Particle Engineering and Pharmaceutical Nanotechnology Laboratory

- Soft Matter Research Laboratory
- Sustainable Environmental Nanotechnology and Nanointerfaces Laboratory
- Polymer Laboratory for the Advancement of Sustainable Technology and Innovative Chemical Synthesis (PLASTICS)
- Terahertz Spectroscopy, Imaging, and Wireless Communications Lab
- Tissue Engineering and Applied Biomaterials Laboratory
- Tissue Innervation and Muscle Mimetics Laboratory
- Geomechanics for Geo-Engineering and Sustainability Lab
- Advanced Materials and Engineered Surfaces in Extreme Environment- AMEE Lab
- Functional Materials and Biomedical Devices Laboratory
- Low-Dimensional Materials (LDM) Lab
- Method Development and Materials Simulation Laboratory

ROBOTICS AND MACHINE INTELLIGENCE

This research cluster includes human machine interface, cyber-human systems, robotics: bioinspired, medical, social and industrial autonomous systems, intelligent infrastructure, artificial intelligence, machine learning, and augmented and virtual reality.

CENTERS

- Center for AI Research
- Center for Rehabilitation Robotics
- Intelligent Transportation System Resource Center

LABORATORIES

- AI for Social Good Lab
- Controls, Automation, and Robotics Laboratory
- Face Recognition & Video Processing Laboratory
- Intelligent Transportation Systems Laboratory
- Intelligible Information Visualization Lab
- Interactive Cross-Reality Lab
- The Lab of Interesting Agents
- Learning Based Decision Making (LBDM)
- Media Interface and Network Design Lab
- Robotics and Data Lab
- Robotics and Dynamical System (RoaDS) Laboratory

- The Smart Construction and Intelligent Infrastructure Systems Lab
- Sound Interaction & Computing Lab
- Visual computing, Graphics, and Artificial intelligence (VGA) Lab
- Virtual Technology Applications Lab for Human Simulation (ViTALHS)
- Ubiquitous Networking and Intelligent Computing System (UNICS) Lab

I. Major Capital Projects Underway in Fiscal Year 2025



Guttenberg Information Technology Center – 1100 Lecture Hall - \$1.65M

Lecture Hall #1100 is in the Guttenberg Information Technology Center (GITC) at NJIT. The room was originally constructed in the late 1980's and needs renewal and revitalization. This lecture hall is one of the University's primary large meeting spaces within the building for a variety of classes as well as many outside events. The renovation work of approximately 2,900 square feet will provide a complete room revitalization. The objectives are to provide new furniture with integrated power, a formal and inviting entry, new flooring, wall and ceiling treatments, and additional soft seating at the back of the room. Provisions will be made to provide a completely new audiovisual system and new LED lighting to support classroom instruction and various meetings and events.



Mueller's Warehouse Façade Restoration – \$1.2M

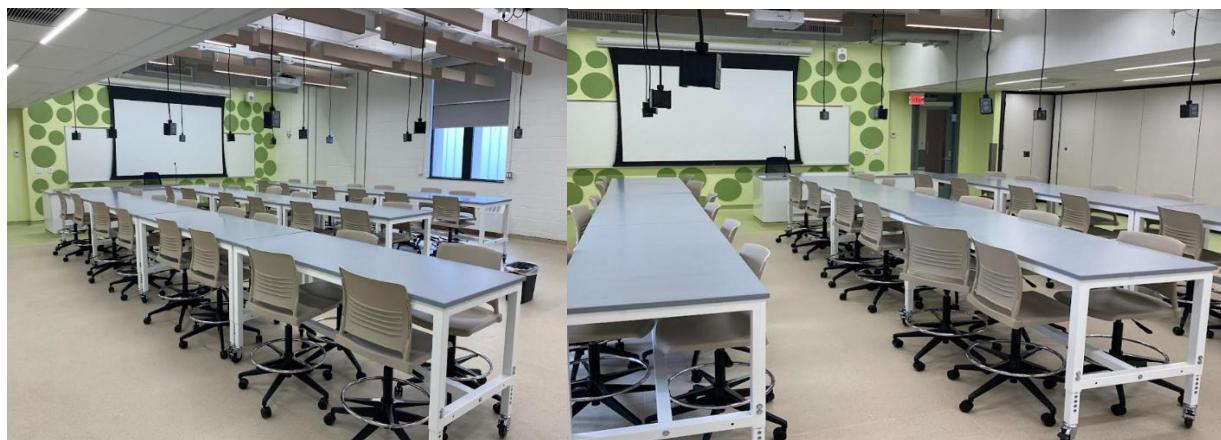
The former Mueller's Warehouse property, located at 21 Sussex Avenue, is within the James Street Commons Historic District. The Mueller's Warehouse is an existing one-story masonry building that the university is utilizing for general storage to support its operations. The exterior façade along the south and west sides of the building requires repair. The decorative terracotta masonry units are failing and damaged. The brickwork is cracked and needs replacement and repointing. This area is highly visible, where many students, faculty, staff, and visitors are

introduced to NJIT for the first time.



Tiernan Hall - Rooms 109 and 206 - Materials Engineering Teaching Lab - \$4.44M

Tiernan Hall, a vital academic and research hub at NJIT, serves multiple disciplines and needs significant upgrades to its physics teaching labs. Rooms 109 and 206, constructed in the late 1960s, are heavily used teaching labs, essential for interdisciplinary courses in basic sciences and engineering, are outdated and need complete renovation. The 3,900-square-foot project aims to create a state-of-the-art laboratory environment with modern furniture, upgraded utilities, biosafety and fume hoods, LED lighting, and enhanced HVAC systems. Additionally, new finishes, improved instructional technology, and interior glass walls will increase visibility between lab and classroom spaces. The renovation will also provide ample demonstration workspace to encourage student collaboration and interaction with cutting-edge equipment.



Tiernan Hall – Rooms 408 and 409 – Physics Labs - \$1.6M

Tiernan Hall, specifically rooms 408 and 409, the last remaining physics labs in their original state, require comprehensive renovations to better support essential undergraduate lab courses. The renovation, covering 2,700 square feet, aims to create a state-of-the-art laboratory environment where students can engage in hands-on learning crucial to the physics curriculum. The project will introduce flexible, modern laboratory furniture, energy-efficient LED lighting, an upgraded HVAC system, contemporary finishes, advanced audiovisual equipment, and enhanced storage solutions in the preparation area. To foster transparency and curiosity, "science on display" windows will be added to

the corridor, allowing passersby to observe ongoing experiments. A demonstration bench will also be installed to encourage collaboration and interaction among students using cutting-edge equipment.



New Oak Hall - \$113.5M

Oak Hall, as the second oldest residence hall on campus, had significant deterioration of the exterior façade of the building and required upgrades to mitigate deferred maintenance and provide a modern living environment for the residential students. The 15-story building will span 191,000 square feet and offer 453 beds across 154 apartment-style units. The apartments will be for either two or four students, complete with kitchens, living rooms, and bathrooms. There will also be single units for resident assistants. The building will also feature a variety of common areas, including a lounge for studying, a game room, small meeting rooms, and a laundry facility.

SECTION III – OTHER INSTITUTIONAL INFORMATION

The New Jersey Institute of Technology has exceptional faculty who educate top students for rewarding careers. In FY2024-2025, NJIT conferred 3,358 degrees and certificates, listed in Section A. Highlights of faculty efforts, including patents, publications and awards are provided in Section B.

III.A. Degrees Awarded

BACHELOR'S DEGREES AWARDED

BA	133	Business	99
Biology	65	Computing & Business	4
Communication	6	Civil Engineering	86
Computer Science	2	Construction Engineering Tech	3
Digital Design	18	Chemical Engineering	52
History	3	Chemistry	11
Interior Design	17	Concrete Industry Management	7
Information Systems	8	Computer Engineering	65
Law, Technology, & Culture	9	Communication	2
Theater Arts and Technology	5	Cyberpsychology	10
BAR	86	Computer Science	302
Architecture	86	Data Science Computing Option	11
BET	90	Data Science Statistics Option	1
Construction Engineering Tech	11	Electrical & Computer Eng Tech	49
Computer Technology	16	Electrical Engineering	69
Construction Management Tech	5	Engineering Technology	5
Electrical & Computer Eng Tech	19	Environmental Science	8
Mechanical Engineering Tech	26	Forensic Science	11
Medical Informatics Tech	3	Financial Technology	33
Manufacturing Engr Tech	2	General Engineering	6
Surveying Engineering Tech	8	Human Computer Interaction	13
BGS	2	Industrial Design	8
General Studies	2	Industrial Engineering	22
BS	1496	Manufacturing Engr Tech	1
Applied Physics	9	Information Technology	232
Architecture	11	Mathematical Sciences	23
Biochemistry	14	Mechanical Engineering	141
Biology	16	Mechanical Engineering Tech	44
Business & Information Systems	22	Science, Technology & Society	6
Biomedical Engineering	87	Web & Information Systems	13

MASTER'S DEGREES AWARDED

MAR	13	Data Science Statistics Track	25
Architecture	13	Electrical Engineering	31
MBA	73	Engineering Management	69
Business Administration	73	Environmental Engineering	4
MS	1216	Engineering Science	1
Artificial Intelligence	5	Environmental Science	4
Applied Mathematics	4	Healthcare Systems Management	4
Applied Physics	4	Industrial Engineering	24
Applied Statistics	3	Information Systems	60
Architecture	22	IT Administration & Security	23
Biology of Health	2	Mechanical Engineering	29
Biology	8	Manufacturing Systems Engr	6
Business & Information Systems	30	Management	59
Biomedical Engineering	24	Materials Science & Engr	1
Bioinformatics	7	Materials Science & Engr	1
Biostatistics	1	Occup. Safety & Health Engr.	2
Computing & Business	2	Power and Energy Systems	2
Civil Engineering	74	Pharmaceutical Chemistry	22
Chemical Engineering	6	Pharmaceutical Engineering	6
Chemistry	2	Pharmaceutical Sys Management	5
Computer Engineering	11	Software Engineering	7
Computer Science	401	Telecommunications	1
Cyber Security & Privacy	44	Transportation	4
Data Science Comp Track	172	Urban Design	4

DOCTORAL DEGREES AWARDED

PHD	71	Electrical Engineering	5
Business Data Science	3	Environmental Engineering	3
Biology	2	Environmental Science	2
Biomedical Engineering	8	Industrial Engineering	3
Civil Engineering	3	Information Systems	5
Chemical Engineering	5	Mathematical Sciences	7
Computer Engineering	2	Mechanical Engineering	4
Computer Science	13	Materials Science & Engr	1
Data Science Computing Option	3	Materials Science & Engr	2

POST-BACCALAUREATE CERTIFICATES AWARDED

CRT	178	Hydrology & Water Res Engr	1
Artificial Intelligence	6	Network Security & Information	3
Business Analytics	13	Assurance	
Big Data Essentials	18	Mini-MBA	6
Biology of Health	1	Management Information Systems	1
Bus & Info Syst Implementation	6	Management of Technology	3
Construction Management	7	Pharmaceutical Management	2
Certificate in Comp Sci	41	Pharmaceutical Manufacturing	1
Cert in Found of Cybersecurity	9	Pharmaceutical Technology	1
Data Mining	14	Project Management	15
Data Science for Chem Mat Engr	1	Power Systems Engineering	4
Data Visualization	1	Supply Chain Engineering	17
Environmental Engineering	1	Sustainable Cities & Urban Eco	1
Environmental Science	1	Software Engr Analysis/Design	1
Finance for Managers	1	Structural Engineering	1
Geotechnical Engineering	1		

III.B. Faculty

New Jersey Institute of Technology's faculty are productive in developing intellectual property, conducting research, and publishing and presenting scholarly research. Faculty receiving prestigious awards in 2024 and 2025 are listed below.

III.B.1 Faculty Awards

Faculty Awards 2024-2025	
Alvarez, Tara	Commerce and Industry Association of New Jersey (CIANJ) Enterprising Woman Making a Difference Award
Alvarez, Tara	Prince Mohammad Bin Fahd University / National Academy of Inventors International Patent Award
Bader, David	2025 Heatherington Award for Technological Innovation (now Mimms Museum of Technology and Art)
Belfield, Kevin	NJBiz Innovate 100 list
Borgaonker, Ashish	ASEE Regional Distinguished Teaching Award (Middle Atlantic Section)

Brennan, Cathy	Commerce and Industry Association of New Jersey (CIANJ) Enterprising Woman Making a Difference Award
Champagne, Pier Alexandre	NSF CAREER
Cohen, Robert	NAI Fellow
Cohen, Robert	National Academy of Engineering
Cohen, Robert	Edison Patent Science & Technology Medal
D'Angelo, Jennifer	Commerce and Industry Association of New Jersey (CIANJ) Enterprising Woman Making a Difference Award
Dave, Raj	AiChE Elsevier PTF Lifetime Achievement Award.
Dhawan, Atam	Innovate 100
Ehrlich, Michael	NJBiz Innovate 100 list
Fortune, Eric	XPRIZE Rainforest Competition grand prize
Gary, Dale	Fellow, American Astronomical Society
Gatley, Sam	Innovate 100
Goldman, Glenn	ACM SIGGRAPH Distinguished Educator Award
Goldman, Glenn	ACM SIGGRAPH Academy Inductee
Johnson, Michael	Innovate 100
Kiernan, Brian	NAI Fellow
Kumar, Vivek	Innovate 100
Kumar, Vivek	NAI Senior Member
Lanzerotti, Lou	Physics Today Book award
Li, Jing	NSF CAREER
Lim, Teik C.	Innovate 100
Lim, Teik C.	NJ Biz Power 100
Liu, Xuan	NAI Senior Member
Medina, Francisco	HSRU Postdoctoral Fellowship
Meneses, Santiago	HSRU Postdoctoral Fellowship
Mitra, Som	NJBiz Innovate 100 list
Pfister, Bryan	AIMBE
Rojas Cessa, Roberto	NAI Senior Member
Sadik, Wunmi	Commerce and Industry Association of New Jersey (CIANJ) Enterprising Woman Making a Difference Award
Sadik, Wunmi	Wallace Coulter Lifetime Achievement Award at the Pittcon Conference of Analytical Chemistry and Applied Spectroscopy
Sadik, Wunmi	NAI Fellow
Sadik, Wunmi	NAI Black History Month recognized
Tafuni, Angelo	NSF CAREER
Tai, Xiaonan	NSF CAREER
Theodore, Georgeen	Fellow - American Institute of Architects

Tukel, Oya	Commerce and Industry Association of New Jersey (CIANJ) Enterprising Woman Making a Difference Award
Venkatesan, Arjun K.	40 Under 40 Recognition
Wang, Grace	Commerce and Industry Association of New Jersey (CIANJ) Enterprising Woman Making a Difference Award
Wei, Zhi	IEEE Fellow
Wei, Zhi	American Association for the Advancement of Science (AAAS)
Yao, Zhihao 'Zephyr'	IEEE Computer Society Top 30 Early Career Professionals
Yaramothu, Chang	NAI Senior Member
Zhang, Wen	NJBiz Innovate 100 list
Zhang, Wen	CAPEES Starlight Innovation Award
Zhang, Wen	Top 100 Global Innovators by 2025 THRIVE Global Impact Challenge under Water and Wastes Management category, Pure Nanotech