



**Fiscal Year 2025
Budget Submission to the
Office of Management and Budget**

**November 2023
njit.edu**

**NEW JERSEY INSTITUTE OF TECHNOLOGY
FY2025 STATE BUDGET REQUEST**

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SECTION 1

PRESIDENT'S STATEMENT

NJIT President's Statement

New Jersey Institute of Technology (NJIT) is the state's public polytechnic research university and is both a catalyst for economic growth and a springboard to opportunity for diverse and talented students who become highly valued members of the state's workforce. Our university has brought national acclaim to our state, as we are now ranked #2 among public universities in the entire nation by the *Wall Street Journal* and #1 among public universities for alumni earnings, economic mobility, and academic profile, according to the *New York Times*.

Those recognitions are earned based on NJIT's record for preparing students to excel in the fields and positions that are essential to industries throughout our state and the world. In addition, NJIT is a research powerhouse, producing innovations that advance society and improve the quality of life for people in New Jersey and around the world.

For New Jersey to prosper, NJIT must continue to play a critical role in workforce preparation as well as the generation of scientific breakthroughs and technological innovations. NJIT's multidisciplinary, computing-intensive and applied-learning approach to education provides its students with the skills needed to become problem-solving leaders in essential fields.

Our university is a launching pad for students from diverse economic and social backgrounds, because we equip our students with power skills related to communication and collaboration while preparing them to excel in the STEM (science, technology, engineering, mathematics) fields and jobs that are in greatest demand and are essential for our technology-driven economy.

Developing Our State's Diverse Talent

- This fall, NJIT enrolled its largest and most diverse class ever, and last year we earned designation from the United States Department of Education as both a Minority Serving Institution and an Asian American Native American Pacific Islander Serving Institution. We also anticipate receiving designation as a Hispanic Serving Institution as early as spring of 2024.
- More than 80% of NJIT students major in a STEM discipline.
- NJIT educates approximately one-third of our state's engineers and scientists and is a Top 20 national university in preparing Black and Hispanic engineers.
- In fact, more than 60% of the Black and Hispanic engineers graduating from New Jersey colleges are NJIT alumni, and 24% of all computing degrees awarded to underrepresented minority students by New Jersey public institutions are earned by NJIT students.
- We are home to colleges of architecture, computing and engineering that are among the largest in the region.
- NJIT also works closely with thousands of pre-college students annually to attract them to the STEM disciplines and provide them with the skills they need to pursue STEM degrees. These are mostly underrepresented minorities and women.

Our students succeed and graduate to assume high-paying positions that have a multiplier effect on job creation and factor heavily into our state's economic prosperity and tax base. According to

payscale.com, NJIT graduates have an average mid-career annual salary from \$9,500 to \$49,500 greater than their peers from New Jersey's other four-year public colleges and universities.

Practical Research

- NJIT is a research powerhouse. Our status as an R1 research institution under the Carnegie Classification® groups us with Princeton and Rutgers as the only R1s in New Jersey. This ranking is significant, because it attracts external funding and brings promising research activity to our state.
- The \$175+ million in research conducted by NJIT each year is practical or applied in nature, solving real-world problems in areas that include health care and medical devices, civil infrastructure, advanced manufacturing, cybersecurity, transportation, nanotechnology, clean energy, clean water, resilient design, national defense, financial services, materials science and many other fields.

Economic Growth

- NJIT also is a catalyst for economic growth, as evidenced by the participation of NJIT and its New Jersey Innovation Institute (NJII) as members of the Governor's delegation during the Administration's recent economic mission to East Asia.
- NJIT produces an economic impact of more than \$2.8 billion annually on our state.
- Our New Jersey Innovation Institute (NJII), VentureLink, and Makerspace at NJIT, which is among the largest academic Makerspaces in the United States, provide direct linkages to industry and foster partnerships that lead to new products, business solutions and the application of shared resources and expertise toward solving complex problems.

Recent Rankings

- *The New York Times*, through its new build your own rankings tool, rates NJIT #1 among all public universities nationally—ahead of schools like Cal Berkeley, Georgia Tech, and UCLA—when you prioritize high alumni earnings, economic mobility, and academic profile.
- The *Wall Street Journal* ranks NJIT #2 in the entire nation among public universities and #19 overall in the United States.
- NJIT rose to #86 among national universities in the 2024 *U.S. News & World Report* rankings, an 11-spot jump in one year. *U.S. News* listed NJIT as #53 for Social Mobility (up 42 places) and #82 among Best Value Schools (up 36 places).
- The Princeton Review once again selected NJIT in its annual guide of the best colleges and universities in the United States. Just 14% of the country's four-year institutions made the guide. NJIT also was featured on The Princeton Review's list of Best Value Colleges, and we ranked #30 for Entrepreneurship this year in addition to being selected for the Top 50 Game Design and Green Colleges lists.
- NJIT is one of only three public institutions in New Jersey to earn at least a 4.5 star rating out of 5 stars in a new "Best Colleges" list released by *Money*. *Money* evaluated institutions based on 24 factors in three main categories that surveys have shown are the most important to students: quality of education, affordability and alumni outcomes. The rankings analyzed data points such as graduation rates, net price of a degree, debt

incurred, ability to repay debt and alumni earnings to find the country's top performing institutions.

- NJIT ranks in the top 2% (and top 100) nationally for alumni mid-career earnings (Payscale.com).

FY 2025 Budget Priority Requests

In order to help grow the State's innovation economy by continuing to yield technological and scientific breakthroughs in critical disciplines while preparing students to become leaders in the high-demand STEM fields, NJIT respectfully submits this annual budget incorporating the following key priorities:

- **Public Polytechnic Adjustment Aid:** To offset the differential cost of delivering a polytechnic education to its students, NJIT is requesting continuation of adjustment aid totaling \$10.626M as calculated using NBER data and actual degrees awarded.
- **Sustainable Energy & Environment (SEE) Center at NJIT:** The SEE Center project requests \$40M in total state support during Phase 1 to transform our legacy engineering facilities in Tiernan Hall into an interdisciplinary Center for Sustainable Energy & Environment. With a total project cost of \$71.3M, the SEE Center will serve all NJIT students and accommodate our anticipated growth to 15,000 students and beyond.
- **State Authorized FTEs:** NJIT requests that our State Authorized FTE cap be increased to 1,462, an additional 149 above our current 1,313 FTE count. Of the increase, 110 FTEs are needed to expand teaching capacity to match our growing enrollment and to provide improved support services for our evolving student body. The balance (39 FTE) is needed to recognize additional pensionable adjuncts as required pursuant to N.J.S.A.18A:66-168.
- **Research Institution Fringe Support:** In continued support of the initiative first proposed by OSHE and OMB in FY22, and subsequently expanded in FY24, NJIT is requesting, in collaboration with the other senior public research institutions, that an additional \$35M be added to the Fringe Support for public research institutions of Higher Education line item, which would bring the Fiscal Year 2025 total for this appropriation to \$105M.

NJIT is committed to serving its students and supporting their success as well as to the Governor's vision of New Jersey as the State of Innovation. We play an essential role in making that vision a reality, and we appreciate your recognition of that role. Thank you for your consideration of this request.

Respectfully submitted,



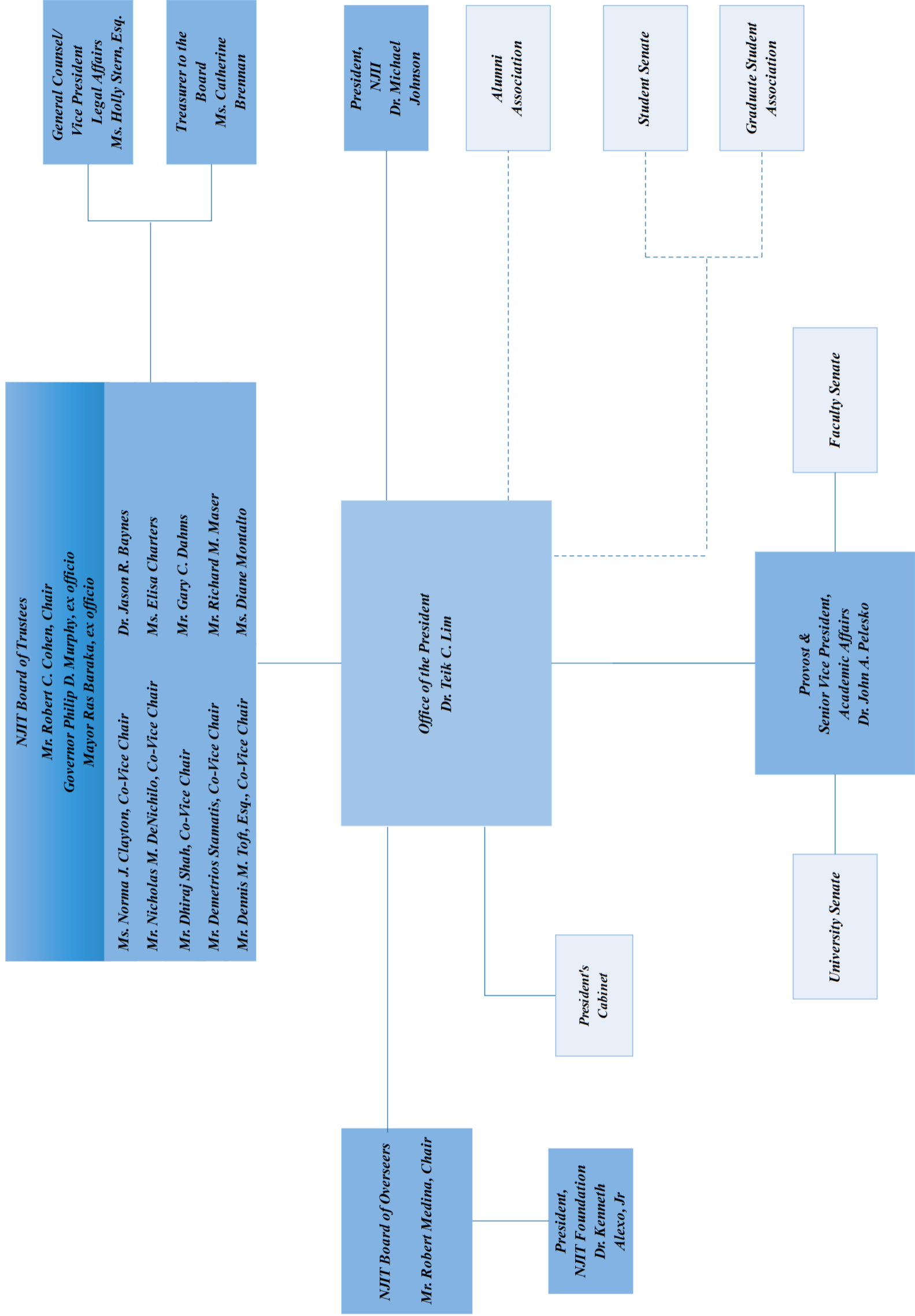
NJIT President Teik C. Lim

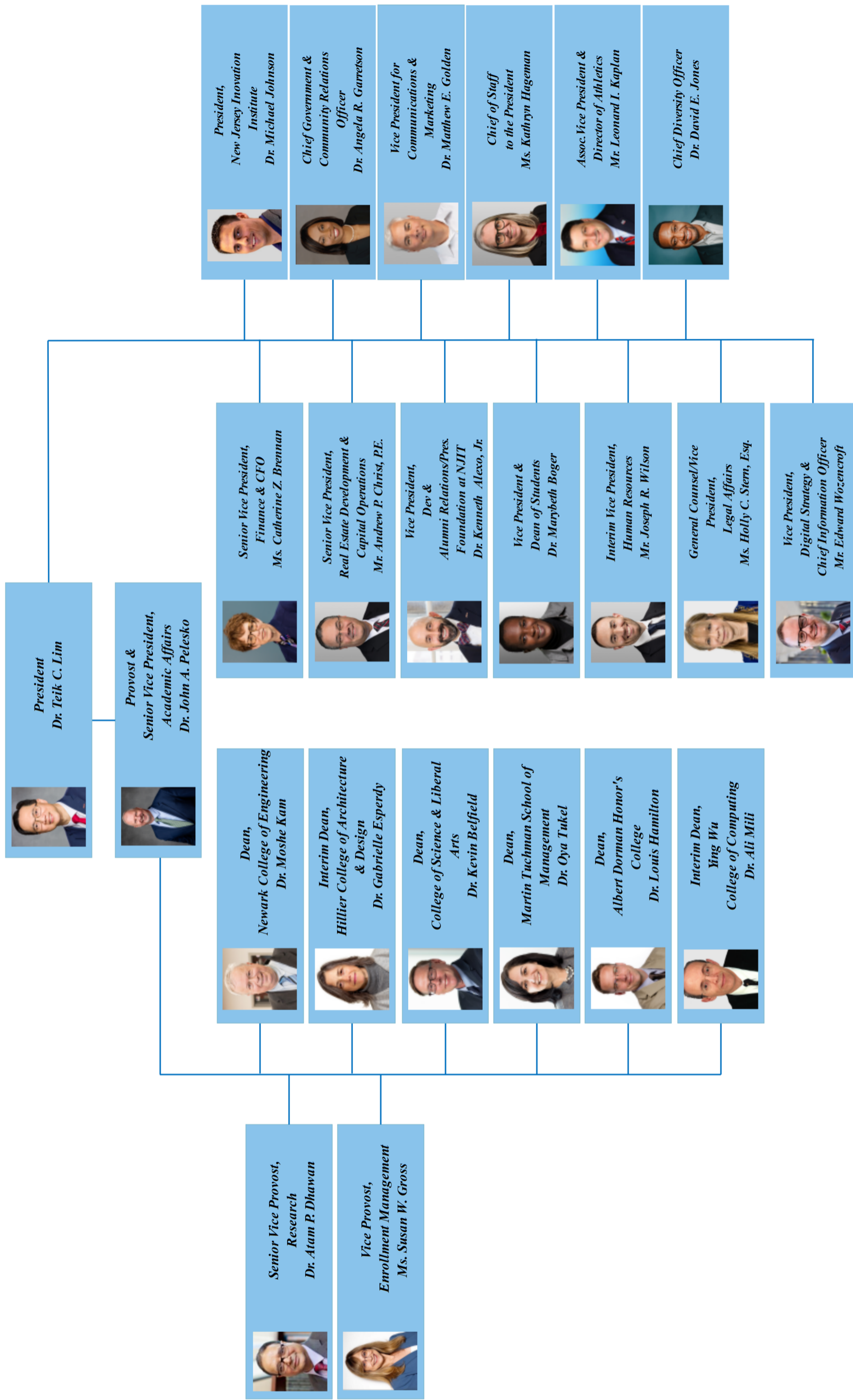
SECTION 2

EVALUATION DATA/
ORGANIZATION CHART

**NEW JERSEY INSTITUTE OF TECHNOLOGY
FY 2025 BUDGET REQUEST
EVALUATION DATA**

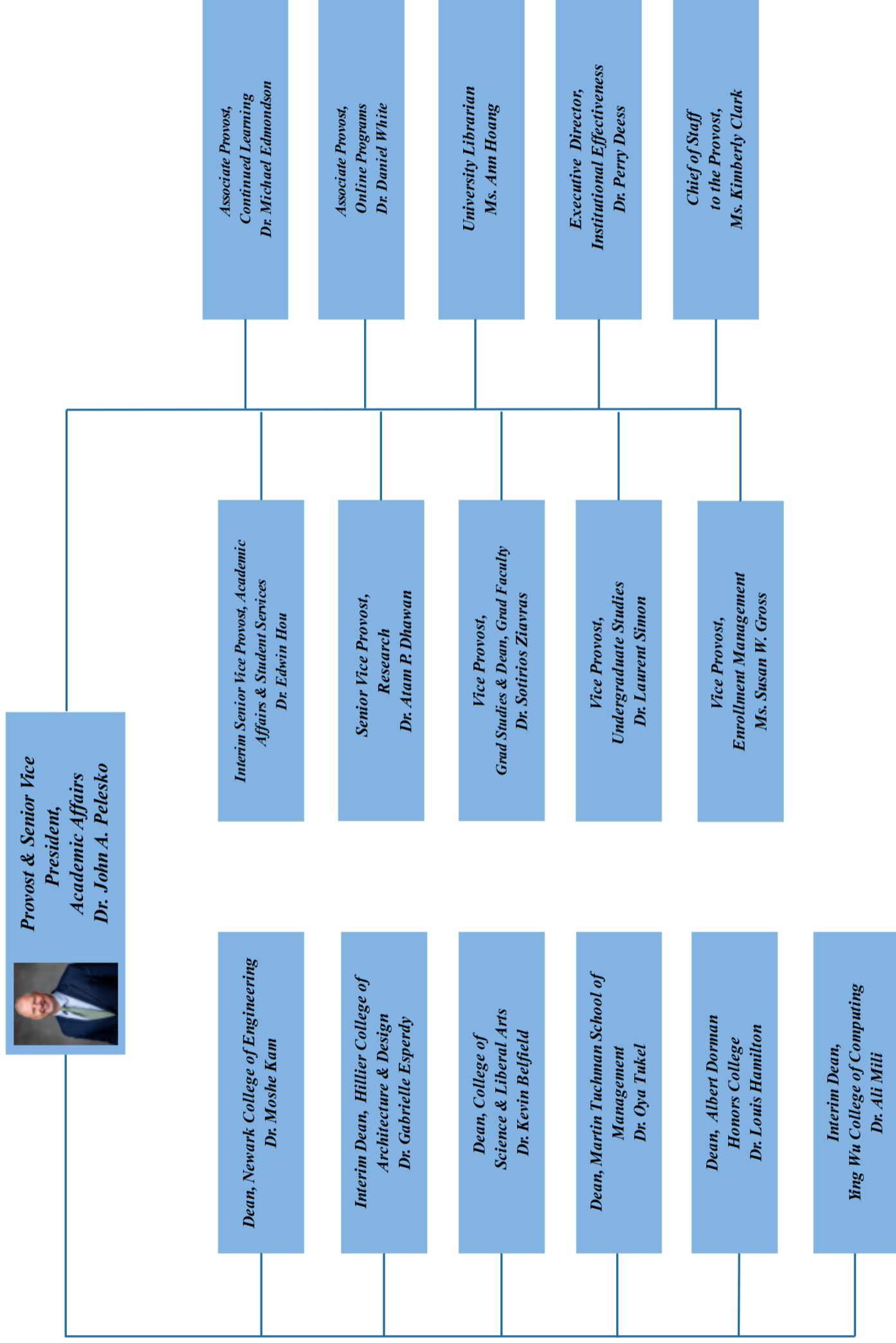
PROGRAM DATA	Actual FY 2022	Actual FY 2023	Revised FY 2024	Budget Request FY 2025
Institutional Support				
Enrollment total (headcount)	15,954	16,029	16,404	16,873
Enrollment total FTE's (a)	10,390	10,597	11,281	11,623
Undergraduate total (headcount)	9,183	9,019	9,523	9,752
Undergraduate total FTE's (a)	7,513	7,396	7,944	8,135
Full-time (headcount)	7,305	7,414	8,038	8,231
Full-time FTE's (a)	6,799	6,781	7,422	7,600
Part-time (headcount)	1,878	1,605	1,485	1,521
Part-time FTE's (a)	714	615	522	535
Graduate total (headcount)	2,718	3,313	3,484	3,724
Graduate total FTE's (a)	1,512	2,024	2,185	2,336
Full-time (headcount)	1,581	2,235	2,475	2,645
Full-time FTE's (a)	1,072	1,618	1,814	1,939
Part-time (headcount)	1,137	1,078	1,009	1,079
Part-time FTE's (a)	440	406	371	397
Extension and Public Service				
Enrollment (headcount) (a)	4,053	3,697	3,397	3,397
Enrollment total FTE's (a)	1,366	1,177	1,152	1,152
Undergraduate (headcount)	3,292	2,900	2,762	2,762
Undergraduate FTE's (a)	1,096	930	956	956
Graduate (headcount)	761	797	635	635
Graduate FTE's (a)	269	247	196	196
Degree programs offered - All	126	126	126	
Courses Offered - Academic Year	4,025	4,162	4,245	4,245
Courses Offered - Full Year				-
Student credit hours produced	280,190	294,867	303,713	303,713
Degrees and Certificates				
Granted - Total	2,792	3,250	3,350	3,350
Ratio: Student/faculty (b)	15/1	15/1	15/1	15/1
Full-time, First-Time, Degree-Seeking Freshmen who are Regular Admission Students				
Average SAT Score - Math	672	669	675	
Average SAT Score - Reading/Writing	635	637	642	
Average SAT Score - Total (e)	1,307	1,306	1,317	
Outcomes Data (c)				
Third Semester Retention Rates	88.0	89.0	91.0	
Seven Year Graduation Rates	74.0	74.0	72.0	
Student Tuition and Fees				
Total Cost of Attendance (d)	39,316	40,162	41,352	
Full-Time Undergraduate Tuition State Residents	14,790	15,198	15,616	
Full-Time Undergraduate Tuition Non - State Residents	30,808	31,658	32,528	
Full-Time Undergraduate Fees	3,226	3,314	3,406	
Operating Data				
Institutional Support				
Institutional Expenditures				
Instruction(f)	151,814,000	155,474,000	158,584,000	
Sponsored programs and research	85,176,000	68,418,000	69,786,000	
Extension and public service	2,494,000	2,914,000	2,972,000	
Academic support	38,809,000	48,838,000	49,815,000	
Student services	33,973,000	35,396,000	36,104,000	
Institutional support	66,488,000	79,619,000	81,211,000	
Physical plant and support services	30,063,000	28,124,000	28,687,000	
Personnel Data				
Position Data				
State-funded positions	1,313	1,313	1,313	1,462

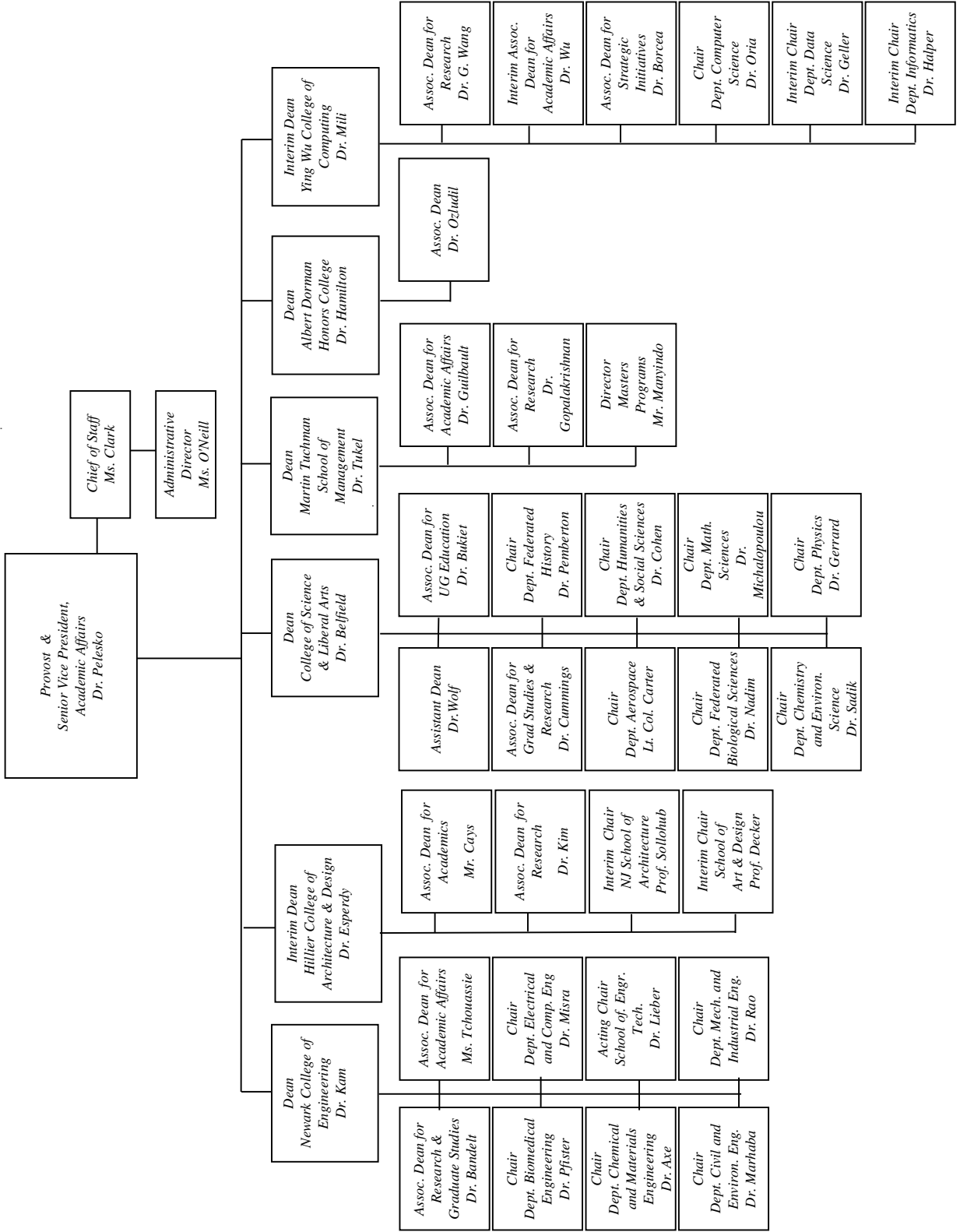


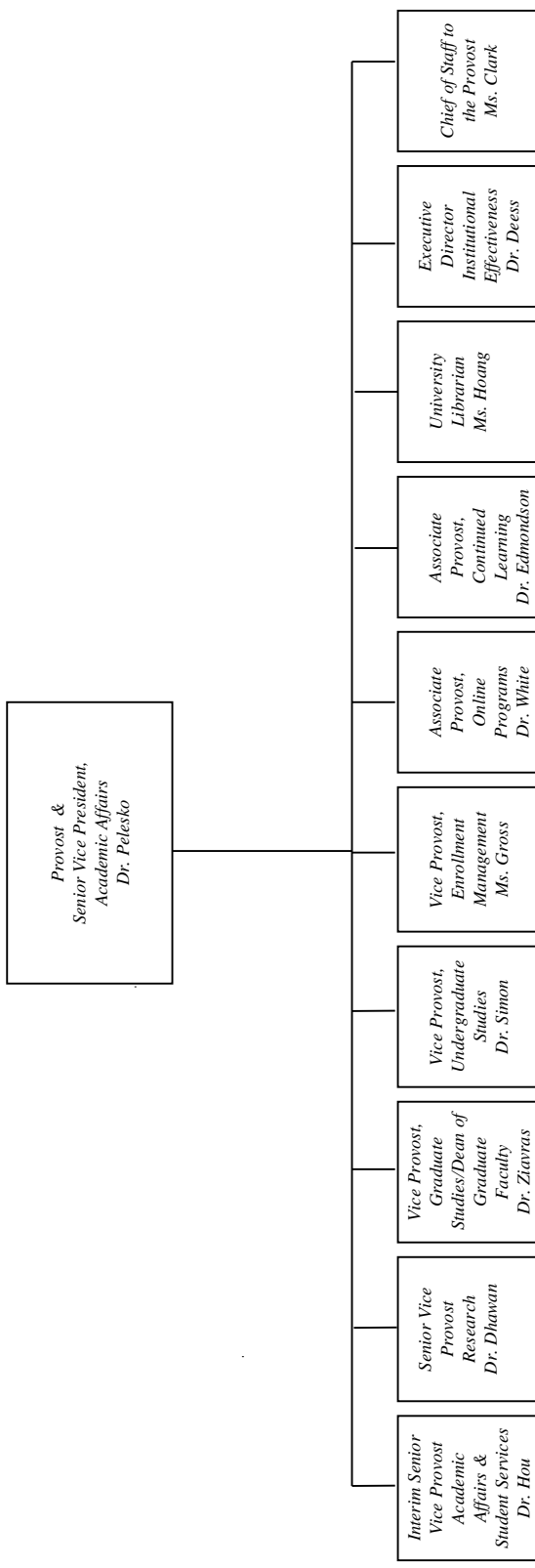


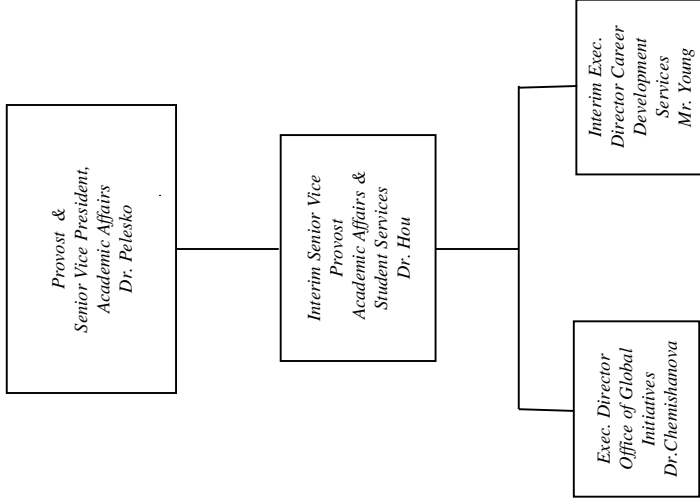
PROVOST & SENIOR VP, ACADEMIC AFFAIRS

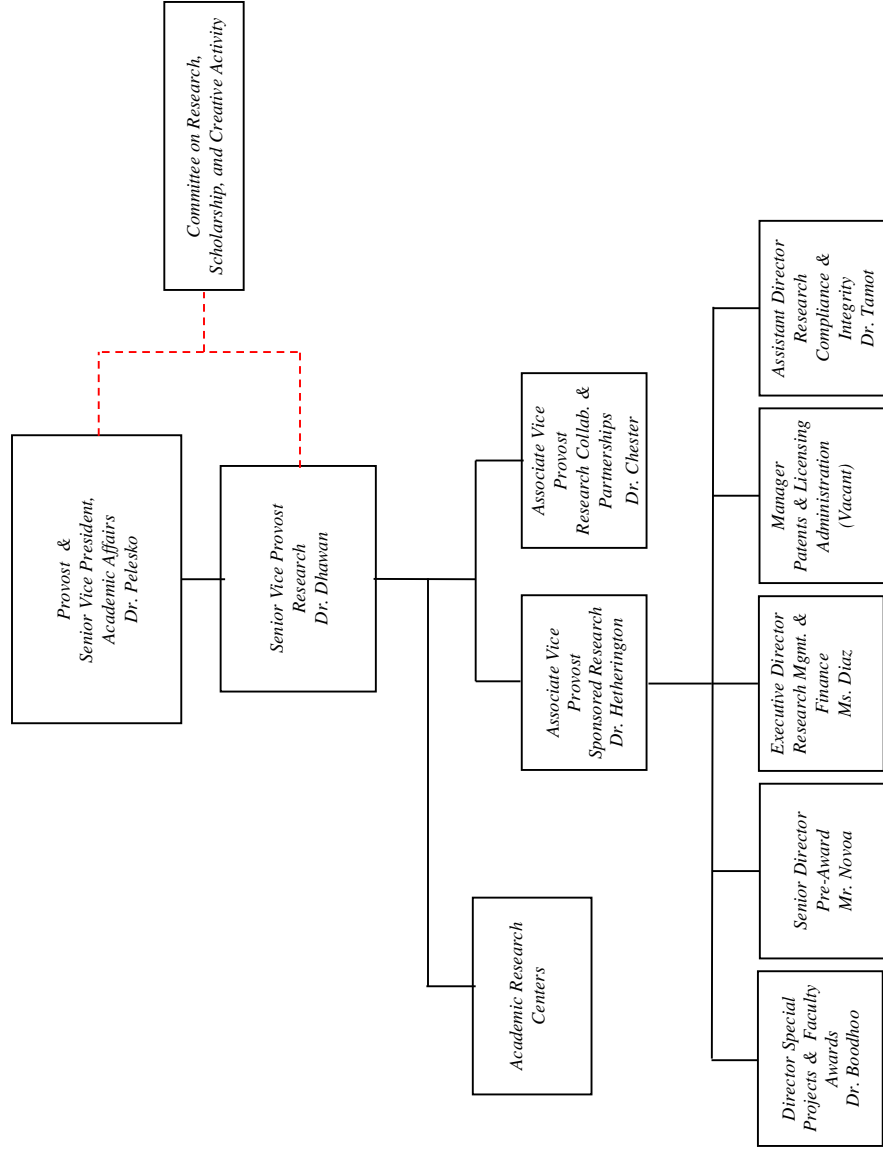
Fall 2023

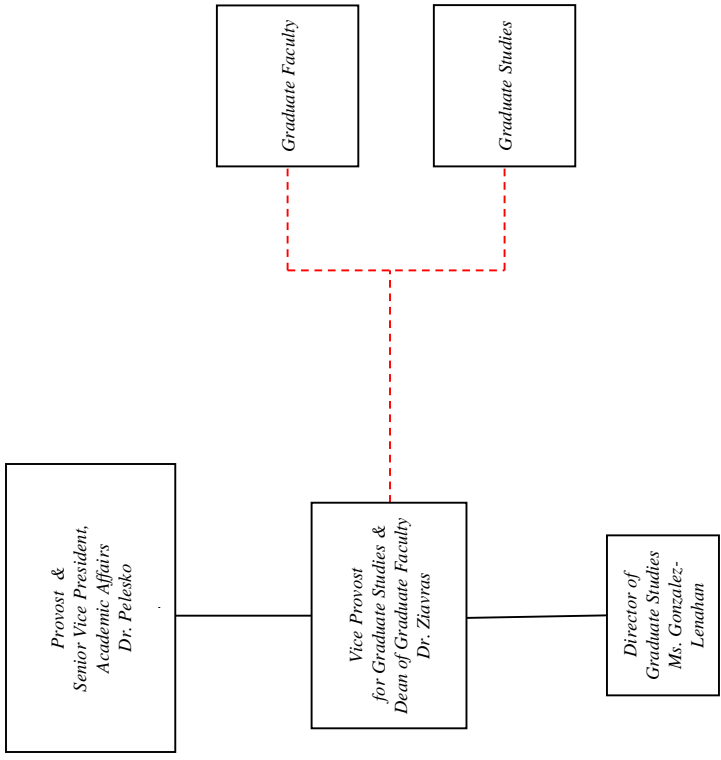


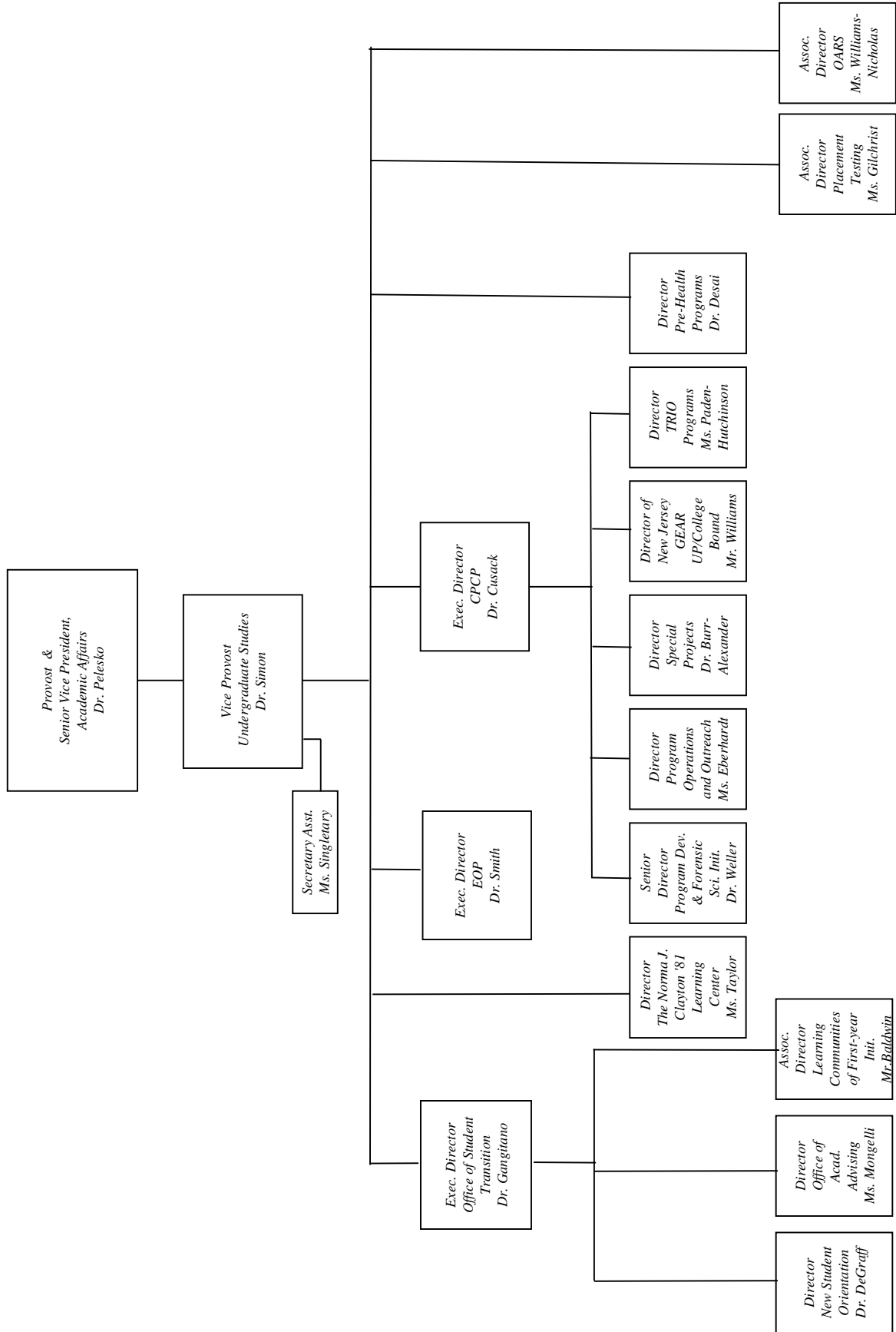


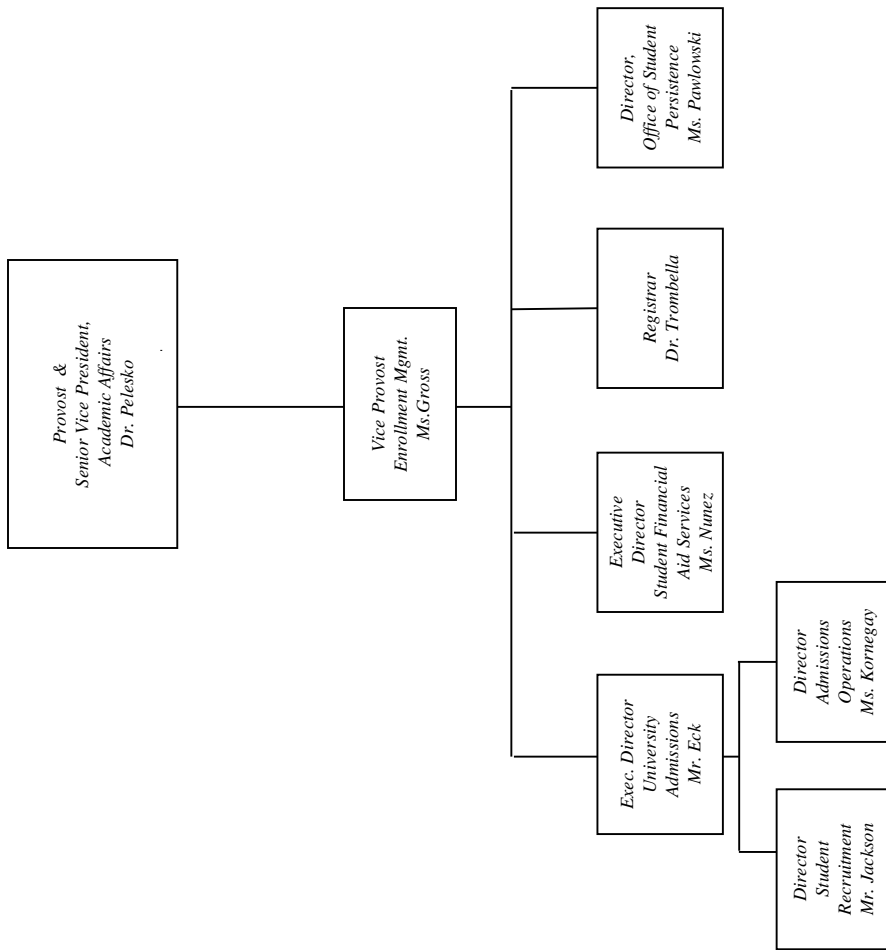


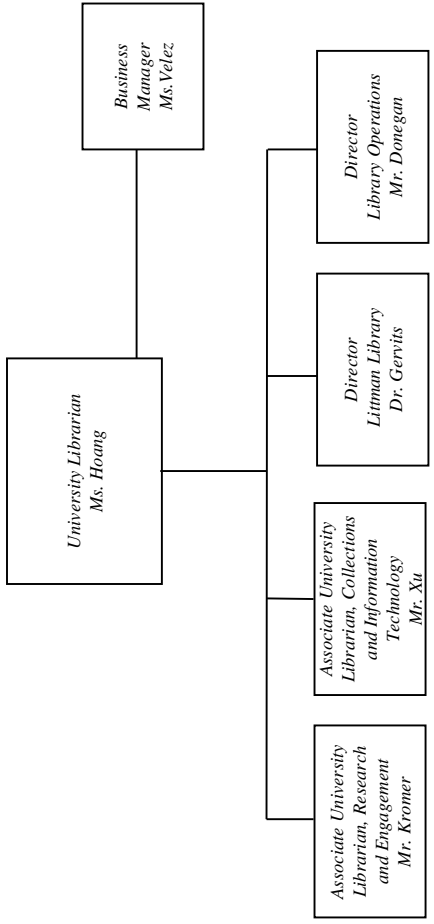


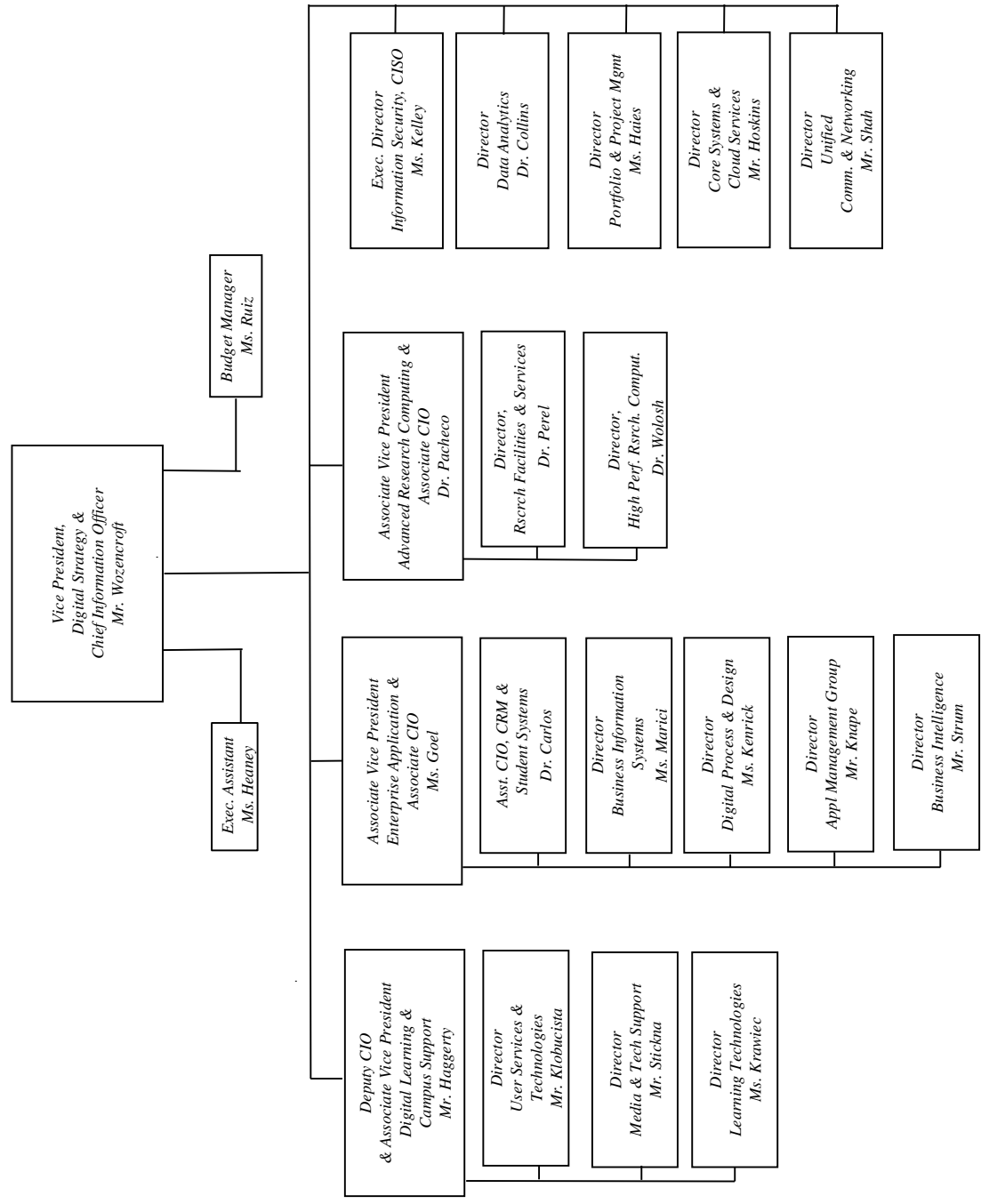


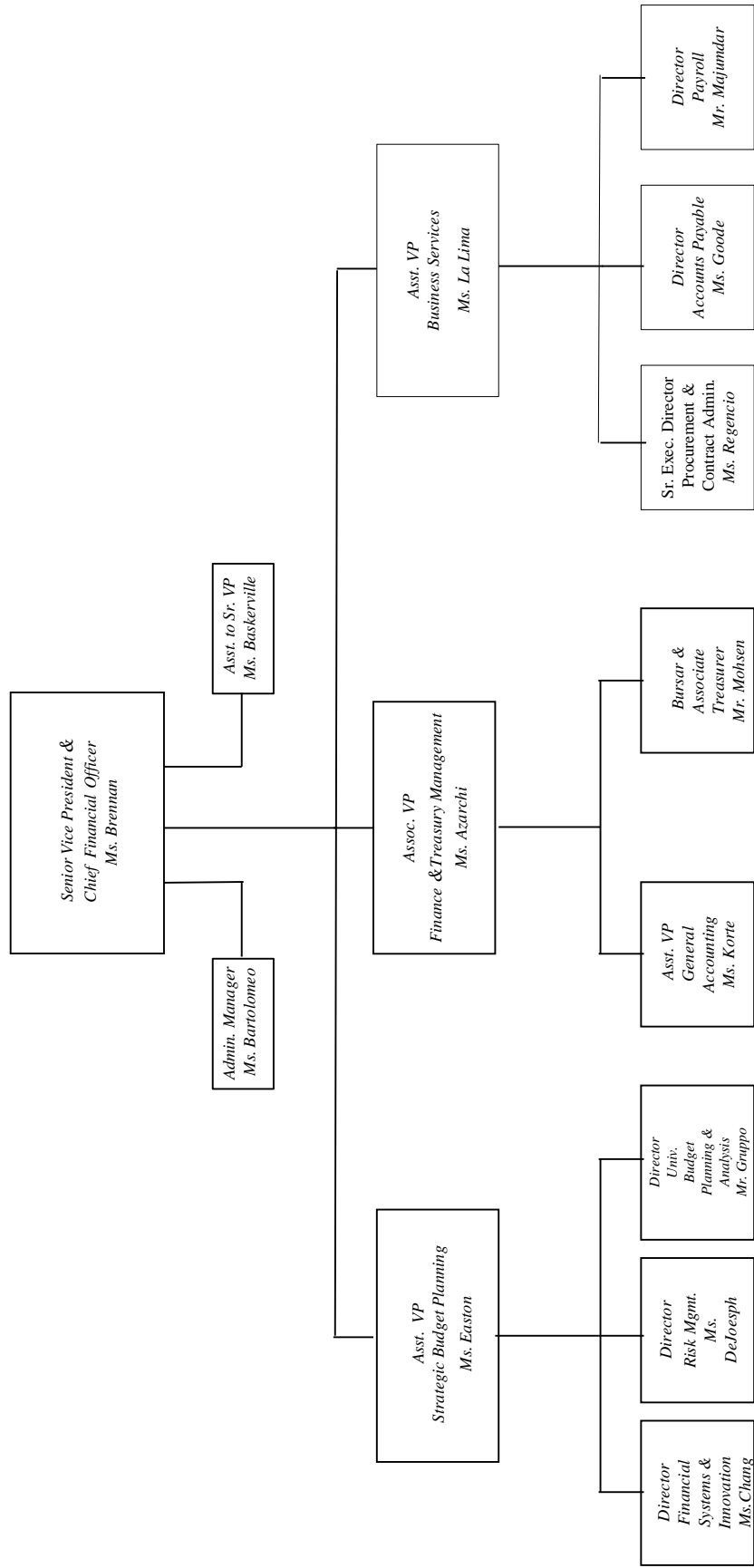


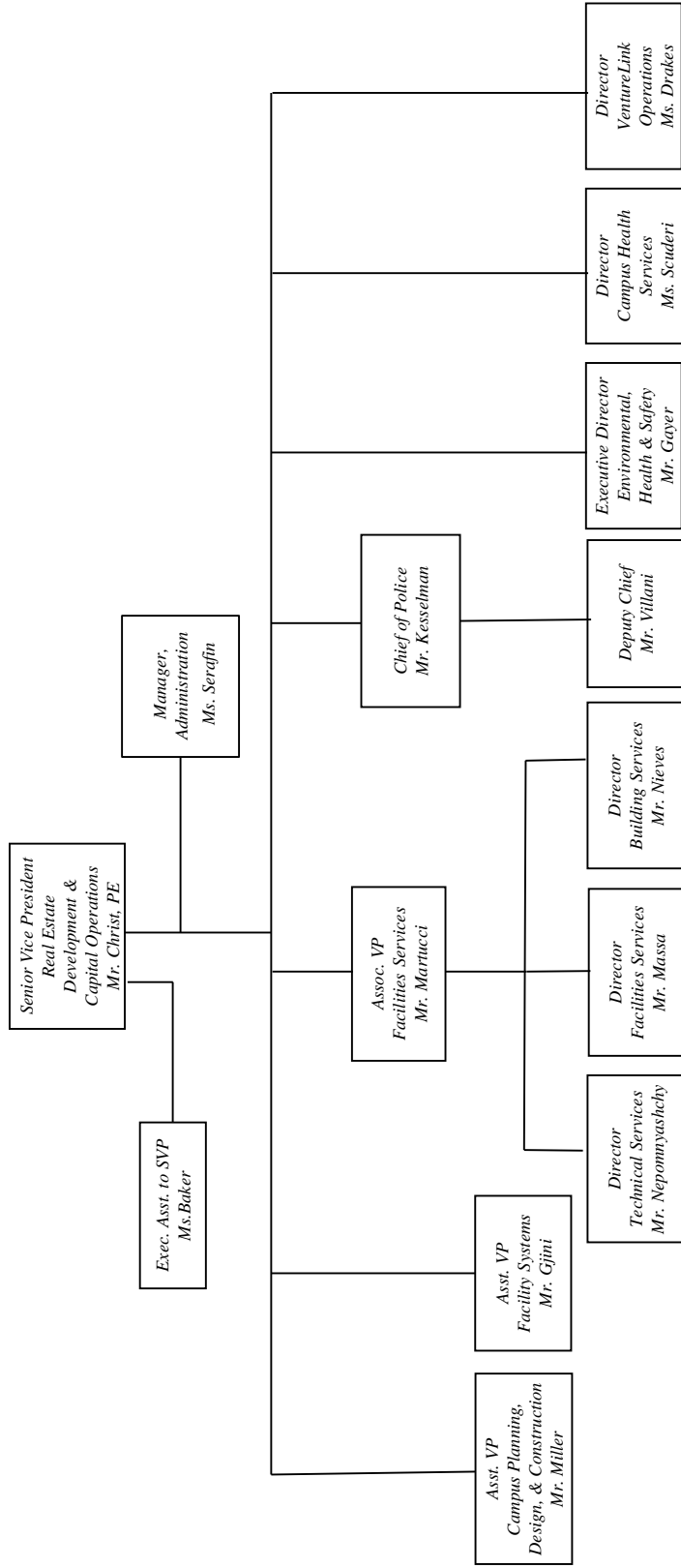


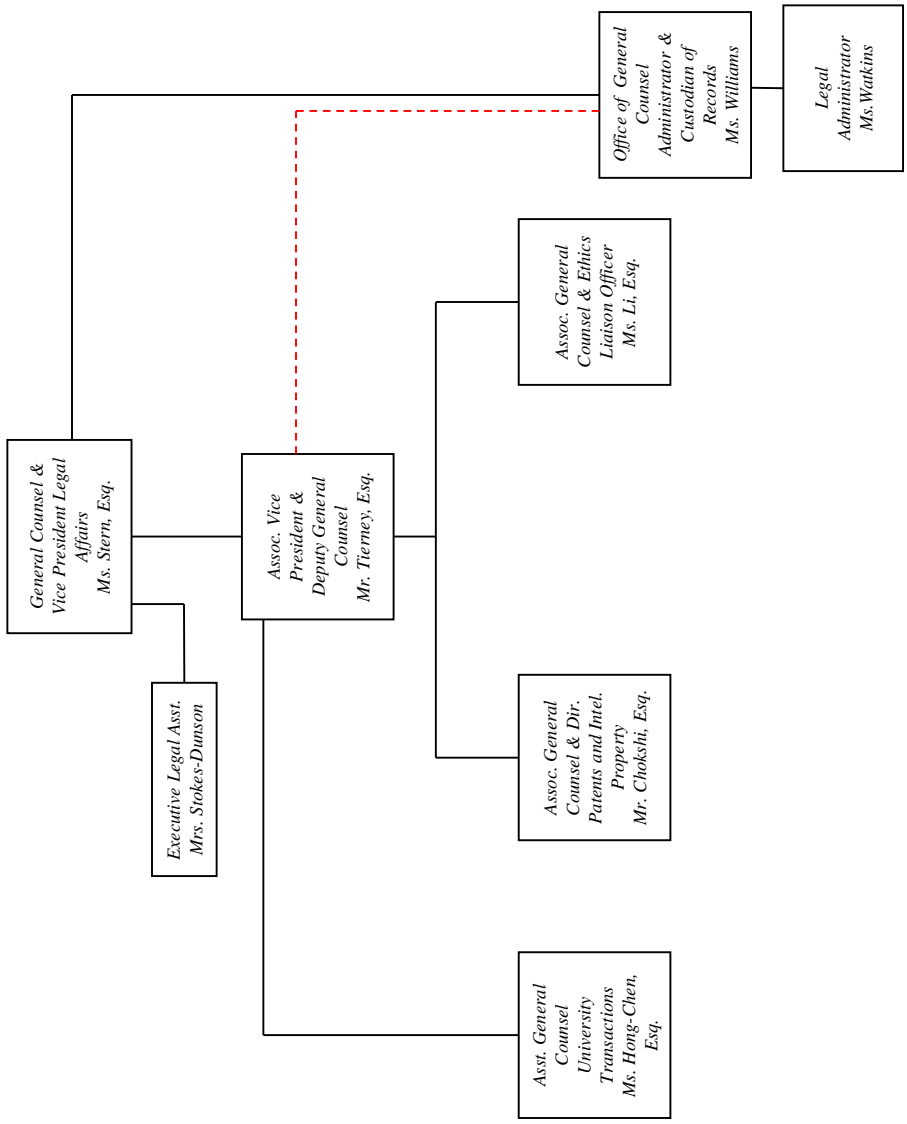


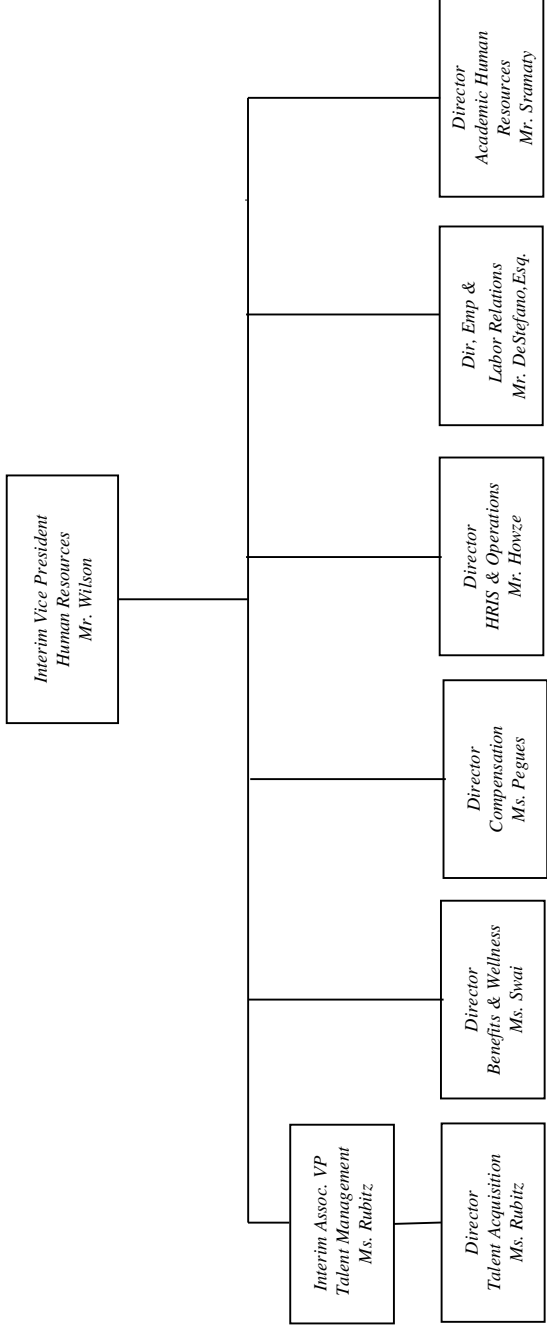


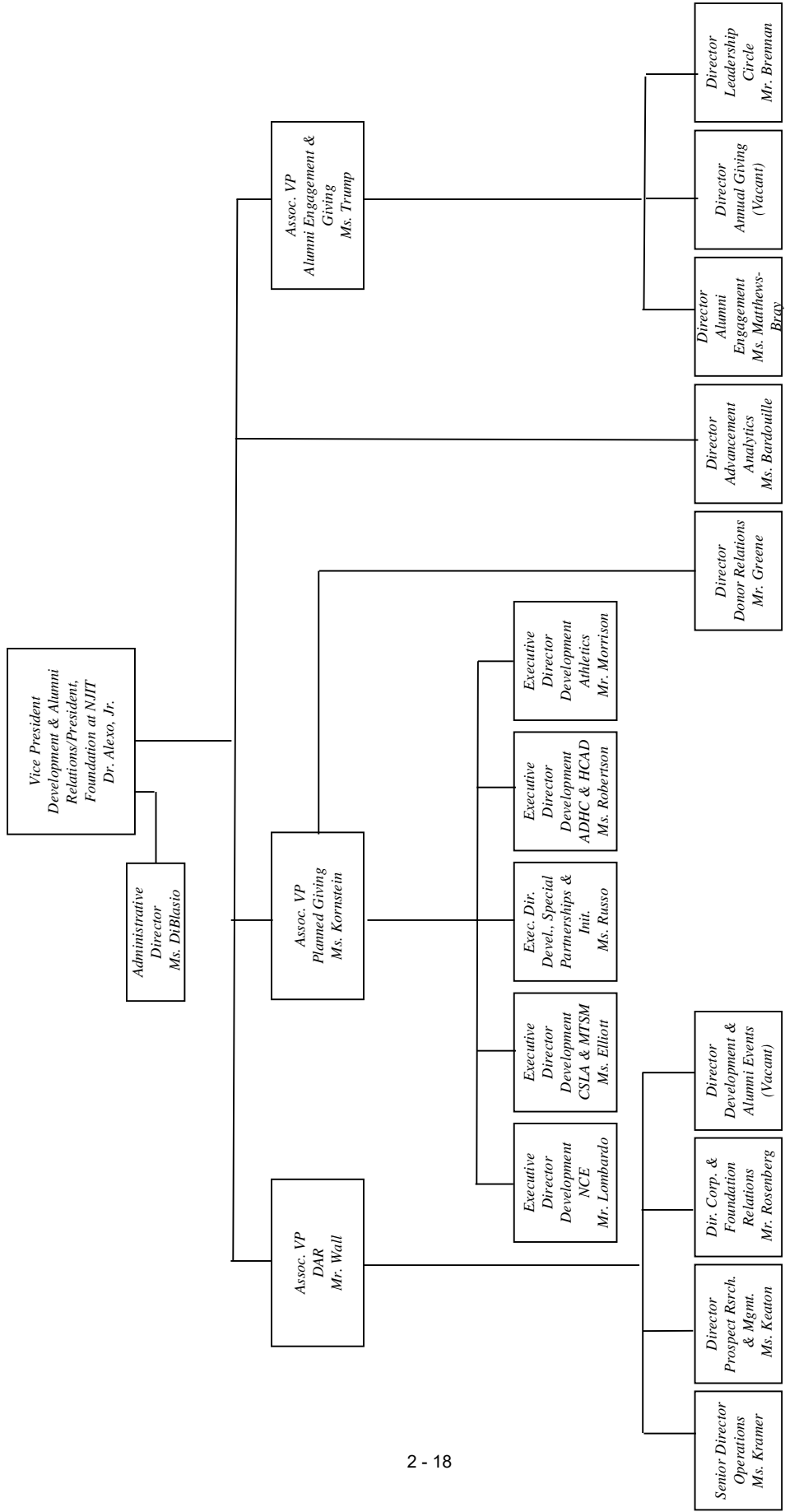


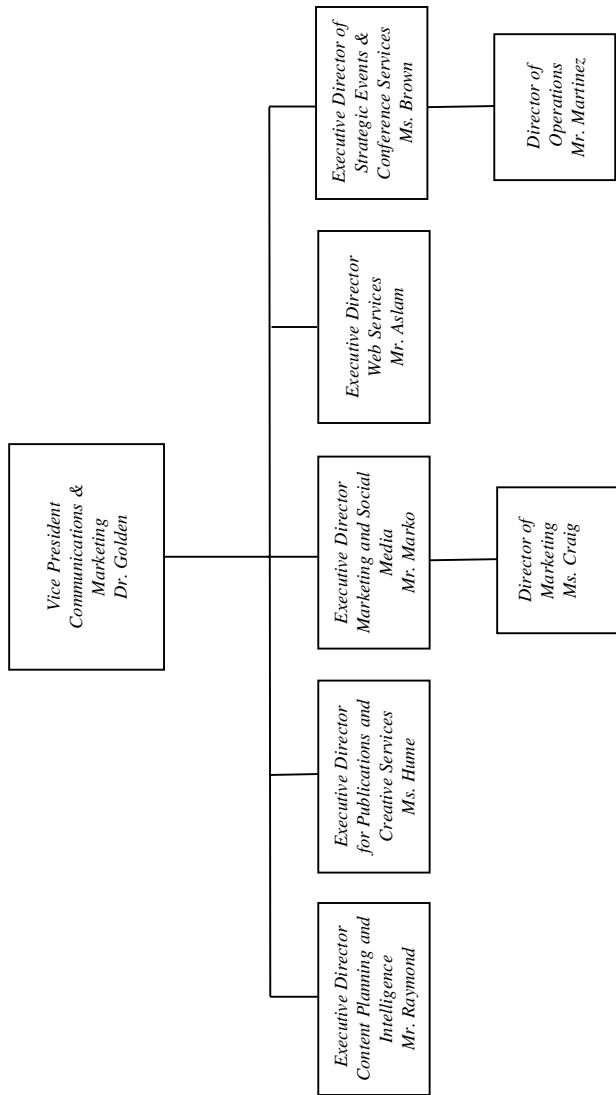


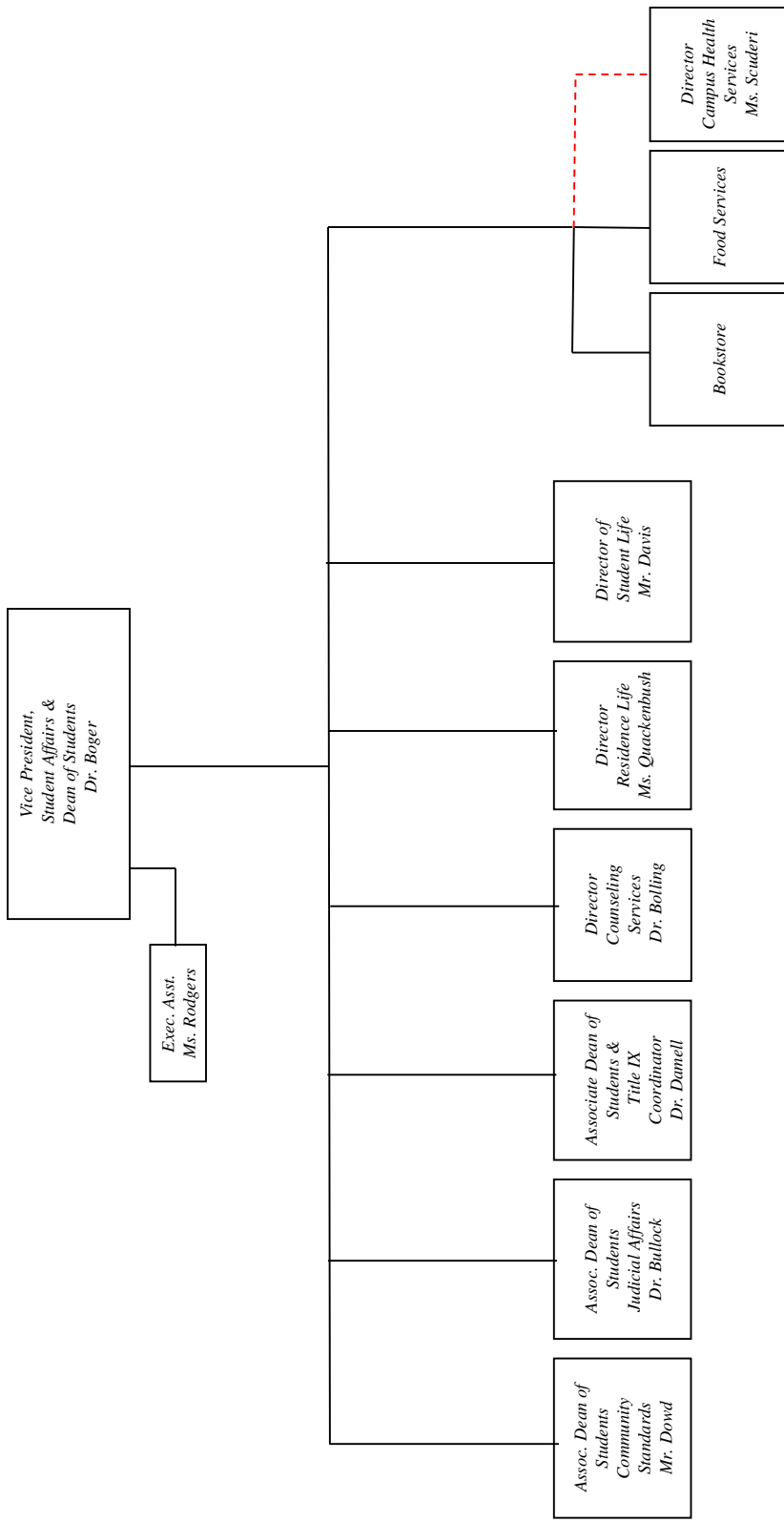












SECTION 3

BUDGET INFORMATION

State of New Jersey
 Department of the Treasury
 Office of Management and Budget

FY 2025 Budget Request (BB-102)

Institution: New Jersey Institute of Technology

Date: _____

Citation: _____

Approved By: _____ Director

To the State Treasurer:

Appropriations as follows are requested for the above institution for fiscal year 2025. Attached are data covering the present and preceding fiscal years. The statements given are true and correct to the best of my knowledge and belief. I certify that the request submitted is in accordance with instructions issued for the FY 2025 Budget Request.

Institution Officer: *Zeid C. Kim*

POSITION DATA			
Positions Budgeted <i>(Information should match SALCALC data)</i>	FY 2024 Budgeted	FY 2025 Institution Request	
State-funded FTE	1,313	1,462	
Non-State funded FTE			
Total FTE Positions at Institution	1,313	1,462	

EXPENDED FY 2023				
Original and Supplemental	Reapprop. and Receipts	Transfers & Emergency	Total Available	Expended
34,585	-	-	34,585	34,585
8,319	-	-	8,319	8,319 (1)
9,500	-	-	9,500	9,500
52,404	-	-	52,404	52,404

RECAPITULATION			
By Institution By Fund Category	FY 2024		FY 2025
	Adjusted Approp.	Agency Request	Request
General Institutional Operations	34,585		34,585
Special Purpose:			
Outcomes Based Allocation*	9,933		9,933
Capital Improvements	3,000		-
Public Polytechnic Adjustment Aid	9,500		10,627
Research Institution Fringe Benefit Support Aid	7,278		10,906
New Budget Initiatives:			
Priority Request - Center for Sustainable Energy & Environment - Phase 1			40,000
Grand Total State Appropriation	64,296		106,051

*Not applicable for The Agricultural Experiment Station
 (1) Does not include \$785K received in additional funding from the GSG Implementation Fund.

**State of New Jersey
Department of the Treasury
Office of Management and Budget**

The following information should be reconciled to the "Statement of Revenues, Expenses, and Change in Net Assets" from the audited financial statements for fiscal years indicated as "actual."

Revenue Reconciliation (BB-103)

Institution: New Jersey Institute of Technology

	FY 2023 Ending June 30, 2023 ACTUAL	FY 2024 Ending June 30, 2024 ESTIMATED	FY 2025 Ending June 30, 2025 ESTIMATED
Revenues (list separately)			
General Services Income			
Tuition	206,725,738	216,575,887	222,700,352
<i>Receipts from Tuition Increase Display (BB-102 & BB-105) *</i>	-	6,124,465	-
Net Tuition Revenue Anticipated <i>[FY 2024 should match TUIT data]</i>	206,725,738	222,700,352	222,700,352
Required Fees <i>[FY 2024 should match FEES data]</i>	32,968,546	35,269,397	35,269,397
Other Fees <i>[FY 2024 should match FEES data]</i>	3,703,035	3,765,000	3,765,000
Total Fees Revenue	36,671,581	39,034,397	39,034,397
Reconciling Items (+/-):			
Less Student Awards	(87,394,759)	(94,148,140)	(94,148,140)
General Services Income Display (BB-102 & BB-105) *	156,002,559	167,586,609	167,586,609
Auxiliary Income			
Residence Life	23,365,884	24,586,020	24,586,020
Bookstore Commission	127,927	100,000	100,000
Gourmet Dining Services Commission	1,777,357	1,785,000	1,785,000
Vending Commissions	93,312	75,000	75,000
Student-Related Fees <i>[FY 2024 should match FEES data]</i>	2,881,138	2,900,000	2,900,000
Other - Less Scholarship Awards	(8,378,591)	(8,734,670)	(8,734,670)
Total Auxiliary Income Display (BB-102 & BB-105) *	19,867,027	20,711,350	20,711,350
Special Funds Revenue			
Continuing Education and Extension Programs	1,306,000	1,306,000	1,306,000
State Grants	42,678,423	42,678,423	42,678,423
Federal Grants	97,052,953	97,052,953	97,052,953
Other Grants	9,720,835	9,720,835	9,720,835
Other Income	34,595,512 (a)	27,691,570	27,691,570
Total Special Funds Revenue Display (BB-102 & BB-105) *	185,353,723	178,449,781	178,449,781
Other Operating Revenue (specify below)			
Other Operating Revenue	1,957,653	2,114,265	2,114,265
Total Other Operating Revenue	1,957,653	2,114,265	2,114,265
SubTotal Operating Revenue	363,180,962	368,862,005	368,862,005
Non-Operating Revenue (specify below)			
Base State appropriations	34,585,000	34,585,000	34,585,000
Outcomes Based Allocation	9,104,000	9,933,000	9,933,000
Employee Fringe Benefits (Per OMB)	(2) 48,766,000	(3) 52,405,000	52,405,000
Special Purpose Appropriation: Capital Improvements	-	3,000,000	-
Grants in Aid Appropriation - Public Polytechnic Adjustment Aid	9,500,000	9,500,000	10,627,000
Priority Requests - Research Institution - Fringe Rate Adjustment	3,639,000	7,278,000	10,906,000
Priority Request - Center for Sustainable Energy & Environment - Phase 1	-	-	40,000,000
Investment Income (Loss)	8,689,137	4,344,568	4,344,568
Other Nonoperating Revenues, Net	4,854,138	5,242,469	5,242,469
Total Non-Operating Revenue	119,137,275	126,288,037	168,043,037
TOTAL REVENUE	482,318,237	495,150,043	536,905,043

NOTES

* Must equal General Services Income on BB-102 and BB-105

Please do not edit cells in orange or grey. Cells in orange are prepopulated from information inputted on other forms and cells in grey contain calculations.

- (1) Reduction of HEERF one-time funding.
- (2) Actual FY 2023 expense for Employee Fringe Benefits per the draft financials is \$91,949,123.
- (3) FY 2024 Operating Budget for Employee Fringe Benefits is \$95,175,991.

NEW JERSEY INSTITUTE OF TECHNOLOGY
Revenue Reconciliation To Annual Financial Statement
For the year ended June 30, 2023

Financial Statement Description

	Education & General		Special		Additions/ Deductions	FY23 Financial Statement
	Revenue	Auxiliaries	Funds	Subtotal		
Operating revenues:						
Student tuition and fees	243,397,318	-	-	243,397,318	(87,394,759) ⁽¹⁾	156,002,559
Federal grants and contracts	-	-	97,052,953	97,052,953	-	97,052,953
State grants and contracts	-	-	42,678,423	42,678,423	-	42,678,423
Other grants and contracts	-	-	2,940,760	2,940,760	-	2,940,760
Auxiliary enterprises	-	28,245,618	-	28,245,618	(8,378,591) ⁽²⁾	19,867,027
Other operating revenues	1,957,653	1,841,000	7,050,347	10,849,000	-	10,849,000
Total operating revenues	245,354,971	30,086,618	149,722,483	425,164,072	(95,773,350)	329,390,722
Nonoperating revenues:						
State appropriations	145,138,123	-	-	145,138,123	-	145,138,123
Gifts and bequests	534,162	-	5,237,409	5,771,571	-	5,771,571
Investment income (loss)	8,689,137	-	13,574,894	22,264,031	-	22,264,031
Other nonoperating revenues, net	4,319,976	-	8,197,862	12,517,838	-	12,517,838
Net nonoperating revenues	158,681,398	-	27,010,165	185,691,563	-	185,691,563
Other revenues:						
Capital grants and gifts	-	-	50,155	50,155	-	50,155
Additions to permanent endowments	-	-	6,729,920	6,729,920	-	6,729,920
Total other revenues	-	-	6,780,075	6,780,075	-	6,780,075
Total revenues	404,036,369	30,086,618	183,512,723	617,635,710	(95,773,350)	521,862,360

(1) Deductions for student awards: -\$87,394,759 (tuition & fees).

(2) Deductions for scholarship awards: -\$8,378,591 (auxiliary)

(3) Employee Fringe Benefits totaled \$91,949,123 versus \$52,405,000 as recommended by OMB

FY 2024 Projected Tuition Revenue (TUIT)

Institution: New Jersey Institute of Technology

Annual FTE Undergraduate = 32 student credit hours / Annual FTE Graduate = 24 student credit hours

A. Annual In-State (excluding special sessions, e.g. summer, winter, etc.)					
7,097	FTE Undergraduate	X	\$ 15,616	(FY 2024 Tuition Rate)	= \$ 110,826,752
196	FTE Graduate	X	\$ 22,534	(FY 2024 Tuition Rate)	= \$ 4,416,664
30	FTE Doctoral	X	\$ 25,826	(FY 2024 Tuition Rate)	= \$ 774,780

B. Annual Out-of-State (excluding special sessions, e.g. summer, winter, etc.)					
833	FTE Undergraduate	X	\$ 32,528	(FY 2024 Tuition Rate)	= \$ 27,095,824
1,565	FTE Graduate	X	\$ 33,318	(FY 2024 Tuition Rate)	= \$ 52,142,670
166	FTE Doctoral	X	\$ 36,608	(FY 2024 Tuition Rate)	= \$ 6,076,928

7,930	Total FTE Undergraduate (should match eval data)				
1,761	Total FTE Graduate (should match eval data)				
196	Total FTE Doctoral (should match eval data)			Subtotal	\$ 201,333,618

Is full-time Undergraduate tuition a flat rate? (Check YES or NO below)
 YES NO

If Yes, the flat rate applies to students taking at least
12 Credits, but not more than 19 Credits

Is full-time Graduate and Doctoral tuition a flat rate? (Check YES or NO below)
 YES NO

If Yes, the flat rate applies to students taking at least
12 Credits, but not more than 19 Credits

Adjustments (provide comments for *categories):	
Tuition Waivers*	\$ -
Tuition Refunds	\$ -
Other Adjustments*	\$ 8,899,000
Subtotal Tuition + Adjustments	\$ 210,232,618
Summer Tuition Revenue:	
Undergraduate	\$ 8,539,492
Graduate	\$ 2,844,938
Doctoral	\$ 83,303
Winter/Special Sessions Tuition Revenue:	
Undergraduate	\$ 1,000,000
Graduate	\$ -
Net Tuition Revenue Anticipated for FY 2024	\$ 222,700,352

(Net Tuition Revenue should match BB-103 information)

TUITION WAIVER NOTE [In the space below provide institutional policy on tuition waiver or list the categories of students who will receive waivers in FY 2024. Attach separate page if necessary.]

OTHER ADJUSTMENTS EXPLANATION [In the space below specify the adjustments due to flat rate tuition or differential tuition rates (e.g., Pharmacy or Engineering program). Attach separate page if necessary.]	
Undergraduate 100% Online Programs -	14 FTE Undergraduate
Total FTE Undergraduate (should match eval data)	7,944 FTE Undergraduate
Graduate 100% Online Program (flat tuition rate per credit) -	197 FTE Graduate
NJIT @ Jersey City Graduate Programs (flat tuition rate per credit) -	31 FTE Graduate
Total FTE Graduate (should match eval data)	2,185 FTE Graduate/Doctoral

FY 2024 Projected Fees Schedule (FEES)

Institution: New Jersey Institute of Technology

	Estimated General Services Revenue*	Estimated Auxiliary Revenue**	Estimated Other Revenue	Estimated Total Revenue	Estimated Restricted/Agency Revenue
REQUIRED FEES: (Required for all students)					
General Services	\$ 34,588,647	\$ -	N/A	\$ 34,588,647	N/A
Student Activity	\$ -	\$ -	N/A	\$ -	\$ 589,750
Student Center	\$ -	\$ -	N/A	\$ -	N/A
Athletic	\$ -	\$ -	N/A	\$ -	N/A
Capital Construction/Facility Renovation	\$ -	\$ -	N/A	\$ -	N/A
Computing Access/Computer Technology	\$ -	\$ -	N/A	\$ -	N/A
Other (specify): Summer Fee	\$ 553,000	\$ -	\$ -	\$ 553,000	N/A
Other (specify): Winter Fee	\$ 107,750	\$ -	\$ -	\$ 107,750	N/A
Other (specify): Undergraduate Registration Fee	\$ 10,000	\$ -	\$ -	\$ 10,000	N/A
Other (specify): Graduate Registration Fee	\$ 10,000	\$ -	\$ -	\$ 10,000	N/A
SUBTOTAL	\$ 35,269,397	\$ -	\$ -	\$ 35,269,397	\$ 589,750
OTHER FEES:					
Application	\$ 785,000	\$ -	N/A	\$ 785,000	N/A
Graduation	\$ 5,000	\$ -	N/A	\$ 5,000	N/A
Late Payment	\$ 775,000	\$ -	N/A	\$ 775,000	N/A
Late Registration	\$ 20,000	\$ -	N/A	\$ 20,000	N/A
Returned Check	\$ -	\$ -	N/A	\$ -	N/A
Transcript	\$ 70,000	\$ -	N/A	\$ 70,000	N/A
Orientation	\$ -	\$ -	N/A	\$ -	N/A
Parking	\$ -	\$ 2,900,000	N/A	\$ 2,900,000	N/A
Laboratory	\$ -	\$ -	N/A	\$ -	N/A
Nursing	\$ -	\$ -	N/A	\$ -	N/A
Student Teaching	\$ -	\$ -	N/A	\$ -	N/A
Other (specify): First Year Student Fee	\$ 400,000	\$ -	\$ -	\$ 400,000	N/A
Other (specify): International Student	\$ 500,000	\$ -	\$ -	\$ 500,000	N/A
Other (specify): Matriculation Fee	\$ 700,000	\$ -	\$ -	\$ 700,000	N/A
Other (specify): Non Matriculating Fees	\$ 5,000	\$ -	\$ -	\$ 5,000	N/A
Other (specify): Payment Plan Set-Up	\$ 450,000	\$ -	\$ -	\$ 450,000	N/A
Other (specify): Transfer Student Fee	\$ 30,000	\$ -	\$ -	\$ 30,000	N/A
Other (specify): ID Card Replacement	\$ 25,000	\$ -	\$ -	\$ 25,000	N/A
Other (specify):	\$ -	\$ -	\$ -	\$ -	N/A
Other (specify):	\$ -	\$ -	\$ -	\$ -	N/A
SUBTOTAL	\$ 3,765,000	\$ 2,900,000	\$ -	\$ 6,665,000	\$ -
TOTAL FEE REVENUE:	\$ 39,034,397	\$ 2,900,000	\$ -	\$ 41,934,397	\$ 589,750

NOTES

* Estimated General Services Revenue - Total should match FY 2024 General Services Income amount on the BB-103.

** Estimated Auxiliary Revenue - Total should match FY 2024 Student-Related Fees amount on the BB-103.

NEW JERSEY INSTITUTE OF TECHNOLOGY
SALARY PROGRAM FY2024 AND FY2025 (State)

ESTIMATED SALARY PROGRAM BY BARGAINING UNIT:

<u>Union Totals</u>	<u>FY24 FTE</u>	<u>FY24 Base Salary</u>	<u>FY24 Estimated Salary Program</u>	<u>FY24 Anticipated Cash Need</u>	<u>FY25 Base Salary</u>	<u>FY25 Estimated Salary Program</u>	<u>FY25 Anticipated Cash Need</u>
afscme	70	3,946,665	157,867	4,104,531	4,104,531	153,920	4,258,451
aft-ucan	2	131,625	5,265	136,890	136,890	5,476	142,366
fop	20	1,301,500	61,171	1,362,671	1,362,671	42,243	1,404,913
fop - soa	7	833,063	39,154	872,217	872,217	27,039	899,256
njsolea	4	519,998	24,440	544,438	544,438	16,878	561,315
non-aligned	219	33,544,181	1,341,767	34,885,948	34,885,948	1,308,223	36,194,171
opeiu	92	4,880,822	195,233	5,076,055	5,076,055	190,352	5,266,407
psa Faculty	337	52,214,527	2,088,581	54,303,108	54,303,108	2,036,367	56,339,475
psa Lecturer	156	12,479,329	499,173	12,978,502	12,978,502	486,694	13,465,196
psa non tenure Faculty	5	450,019	18,001	468,020	468,020	17,551	485,570
psa Staff	401	33,085,482	1,323,419	34,408,902	34,408,902	1,290,334	35,699,235
Grand Total	1,313	143,387,211	5,754,070	149,141,282	149,141,282	5,575,075	154,716,356

SALARY PROGRAM PARAMETERS:

	<u>FY24</u>	<u>FY25</u>
afscme	Est. Salary Program 4.00%	Est. Salary Program 3.75%
aft-ucan	4.00%	4.00%
fop	4.70%	3.10%
fop - soa	4.70%	3.10%
njsolea	4.70%	3.10%
non-aligned	4.00%	3.75%
opeiu	4.00%	3.75%
psa Faculty	4.00%	3.75%
psa Lecturer	4.00%	3.75%
psa non tenure Faculty	4.00%	3.75%
psa Staff	4.00%	3.75%

DISTRIBUTION BY ELEMENT:

<u>Element</u>	<u>FY2024 Estimated Salary Program</u>	<u>FY2025 Estimated Salary Program</u>
Instruction	2,885,829	2,813,683
Research	169,506	165,610
Public Service	19,302	18,820
Academic Support	799,999	779,999
Student Services	579,967	565,468
Institutional Support	1,001,457	940,934
Operation and Maintenance of Plant	298,011	290,560
Auxiliary Services	0	0
Grand Total	5,754,070	5,575,075

NEW JERSEY INSTITUTE OF TECHNOLOGY
SALARY PROGRAM FY2024 AND FY2025 (Non-State)

ESTIMATED SALARY PROGRAM BY BARGAINING UNIT:

	FY24 FTE	FY24 Base Salary	FY24 Estimated Salary Program	FY24 Anticipated Cash Need	FY25 Base Salary	FY25 Estimated Salary Program	FY25 Anticipated Cash Need
Union Totals							
afscme	30	1,337,632	53,505	1,391,137	1,391,137	52,168	1,443,305
aft-ucan	39	2,199,973	87,999	2,287,972	2,287,972	91,519	2,379,491
fop	0	0	0	0	0	0	0
fop - soa	0	0	0	0	0	0	0
njsolea	0	0	0	0	0	0	0
non-aligned	32	3,784,360	151,374	3,935,734	3,935,734	147,590	4,083,324
opetu	17	751,518	30,061	781,579	781,579	29,309	810,888
psa Faculty	0	0	0	0	0	0	0
psa Lecturer	0	0	0	0	0	0	0
psa non tenure Faculty	10	1,079,523	43,181	1,122,704	1,122,704	42,101	1,164,806
psa Staff	82	6,711,617	268,465	6,980,081	6,980,081	261,753	7,241,834
Grand Total	210	15,864,623	634,585	16,499,208	16,499,208	624,440	17,123,648

SALARY PROGRAM PARAMETERS:

	FY24	FY25
afscme	Est. Salary Program 4.00%	Est. Salary Program 3.75%
aft-ucan	4.00%	4.00%
fop	4.70%	3.10%
fop - soa	4.70%	3.10%
njsolea	4.70%	3.10%
non-aligned	4.00%	3.75%
opetu	4.00%	3.75%
psa Faculty	4.00%	3.75%
psa Lecturer	4.00%	3.75%
psa non tenure Faculty	4.00%	3.75%
psa Staff	4.00%	3.75%

DISTRIBUTION BY ELEMENT:

Element	FY2024 Estimated Salary Program	FY2025 Estimated Salary Program
Instruction	32,947	33,280
Research	482,339	474,844
Public Service	1,592	1,552
Academic Support	7,128	6,950
Student Services	23,072	22,495
Institutional Support	15,769	15,375
Operation and Maintenance of Plant	43,659	42,567
Auxiliary Services	28,079	27,377
Grand Total	634,585	624,440

SECTION 4

FY2024 PRIORITY REQUESTS

New Jersey Institute of Technology FY2025 Budget Priority Requests

This section identifies budgetary needs above our current appropriation that are defined as initiatives to enable New Jersey’s public polytechnic university to strategically prepare the STEM workforce upon which the state’s economy is built, conduct high impact applied science and technology research, engage in extensive and strategic community service, and foster economic development/industry partnerships that support New Jersey’s economic and societal goals.

Below is a summary of our priority requests for FY2025, which support these objectives.

Total FY2025 Priority Requests (\$000’s)

Priority Requests:	Total \$
1) Public Polytechnic Adjustment Aid	\$10,627
2) Center for Sustainable Energy & Environment (SEE Center) - Phase 1	\$40,000
3) FTE Cap Increase	
4) Research Institution - Fringe Benefit Support Aid (\$105M Total Appropriation)	\$10,906
Grand Total	\$61,533

The detailed narratives supporting these requests are included in the proceeding sections.

Public Polytechnic Adjustment Aid

FY25 BUDGET REQUEST

To offset the differential cost of delivering a polytechnic education to its students, NJIT is requesting continuation of polytechnic adjustment aid totaling \$10.627M. The amount of the request is calculated based on National Bureau of Economic Research (NBER) data regarding the cost of delivering a STEM education and the actual number of NJIT degrees awarded by discipline.

BACKGROUND

As New Jersey's public polytechnic university, NJIT confers **23% of all STEM degrees awarded by NJ senior public institutions** and is a top 20 national university in producing Black and Hispanic engineers. Indeed, **more than 60% of Black and Hispanic engineers graduating from New Jersey colleges are NJIT alumni**. Our colleges of architecture, computing, and engineering are among the largest in the region. Much of the diverse STEM workforce desperately needed to serve New Jersey's key industrial sectors is educated at NJIT, and many of the undergraduate students we enroll come to us from low-income households – including 38% of whom are Pell eligible – with great need of support programs in order to navigate our challenging curriculum.

But while the State's economy and our STEM graduates reap the benefits of an NJIT degree, **State operating aid currently does not take into account the differential cost of delivering a STEM education**. Specifically, in a working paper entitled "The Costs of and Net Returns to College Major" published by the National Bureau of Economic Research (NBER), economists from Yale University and the University of Chicago **found that the delivery of STEM majors such as engineering and the physical sciences cost approximately twice as much as the least expensive majors** (business, humanities and library sciences). (See: <https://www.nber.org/papers/w23029>)

A recent study published in Educational Policy examines whether a focused STEM incentive in state funding policies leads to greater undergraduate STEM degree completions, finding that funding incentives do lead to more students graduating in the high-demand fields of STEM (Li, 2020).

[\(17\) \(PDF\) Performance Funding Policy Impacts on STEM Degree Attainment \(researchgate.net\)](#)

As the State's only polytechnic institution, **NJIT awards the overwhelming majority of its degrees, 90.4%, in the more costly disciplines of engineering, physical sciences, computing, math and architecture**. NJIT is also one of only two four-year public universities in the State to offer architecture. At the conclusion of the 2021-22 academic year, **all other NJ four-year public universities awarded on average 19.2% of their degrees in the STEM disciplines**, enabling them to offset the cost of delivering these academic programs with substantial enrollment in other less costly disciplines (e.g., Sociology, Psychology, Literature).

Notably, **a STEM education offers a path to upward economic mobility for our students**. NJIT is ranked 3rd in NJ (and first among N.J. publics) by Payscale for Salary Potential, with early career salaries averaging \$69,200 and mid-career salaries averaging \$129,600 for NJIT students holding a bachelor's degree. NJIT is also ranked #41 by Payscale for College Return

on Investment (ROI) with a 20-year net ROI of \$729,000.

CHART A: Percent of STEM Degrees by Institution
(Sorted Highest to Lowest % STEM degrees)

<u>Institution</u>	AY 21-22		
	Total Degrees	% STEM	% Non-STEM
New Jersey Institute of Technology	2,699	90.4%	9.6%
Rutgers, the State University - New Brunswick	13,028	30.8%	69.2%
Rowan University	5,325	24.5%	75.5%
The College of New Jersey	2,112	20.1%	79.9%
Kean University	3,140	13.5%	86.5%
Rutgers, the State University - Newark	3,712	13.4%	86.6%
Stockton University	2,481	12.7%	87.3%
Ramapo College of New Jersey	1,463	12.2%	87.8%
Montclair State University	5,230	10.3%	89.7%
New Jersey City University	1,684	8.6%	91.4%
Rutgers, the State University - Camden	2,024	8.2%	91.8%
William Paterson University of New Jersey	2,495	7.5%	92.5%
Average % STEM Excluding NJIT	42,694	19.2%	

In recognition of the differential cost of providing a polytechnic education and given the critical role polytechnic institutes play in training a highly skilled future workforce, other states allocate special appropriations to their public polytechnic institutions. For example:

- The Colorado Commission on Higher Education’s Master Plan, **“Colorado Rises: Advancing Education and Talent Development”** identifies its #1 strategic goal as increasing degree and credential output in the high-demand STEM fields by 16% between 2017 and 2025. The State has noted that three-quarters of its top jobs by demand, growth rate and earnings potential in the coming years will require STEM-education specializations.
 - In support of this initiative, and as a result of its highly specialized STEM mission, **Colorado School of Mines** was treated as a “Specialty Education Program,” receiving an additional state allocation of 10% of its base funding.
- The State of Ohio has committed \$141M since 2009 through the **“Choose Ohio First Scholarship”** program awarding scholarships to more than 19,500 students and direct support to its higher education institutions “to significantly strengthen Ohio’s competitiveness within the fields of science, technology, engineering, math and medicine (STEMM)”. The State increased its FY23 funding for this program by 12%, to \$28M.
- The State of Michigan has designated and maintained a line-item in the State Budget: **MI-STEM**, which allocates over \$8M annually to Higher Education Institutions for the cost of delivering these “highly desired academic disciplines.”

Methodology for Estimating NJIT’s Adjustment Aid: FY24 Budget Request

To offset the differential expense of delivering the more costly polytechnic education to its students, NJIT is requesting supplemental adjustment aid totaling \$10.63M based on the following rationale:

1. CALCULATION OF CURRENT BASE STATE OPERATING AID PER DEGREE: **FY24 State funded base operating aid for four-year State institutions per degree = \$11,218.** This amount is calculated by dividing the total FY24 base State appropriation of \$509.211M for all institutions (excluding TESU), by 45,393, the number of degrees awarded by these institutions in academic year 21-22.
2. CALCULATION OF DIFFERENTIAL COST RATIO: STEM VS. NON-STEM: Utilizing the average cost per major, **as determined by NBER**, the cost of a STEM major relative to a non-STEM major can be determined. For example, using the average cost of delivering a non-stem degree of \$34,000 compared to the cost of an engineering degree of \$62,297 results in a differential cost ratio of 1.83 for engineering. **Using this methodology and applying the resulting cost differential to actual degrees awarded by NJIT in academic year 2021-2022 yields the requested Polytechnic Adjustment Aid of \$10,626,913 (\$45,211,913 - \$34,585,000).** (SEE CHARTS B & C below.)

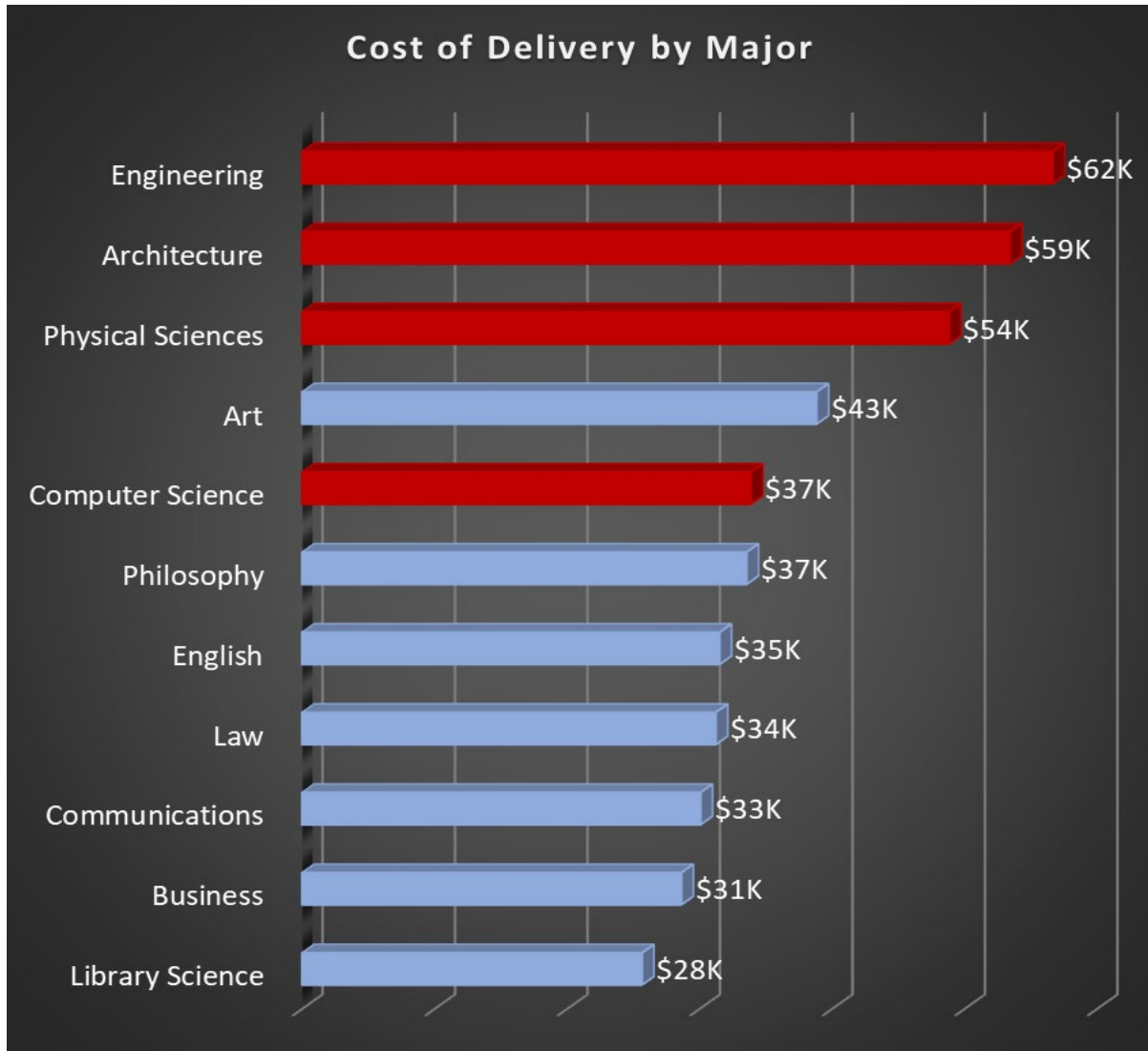
CHART B: Calculation of NJIT’s Polytechnic Adjustment Aid Based on NBER Study of Differential Costs by Discipline

		NJIT		Cost Study Comparison			Polytechnic Adjustment Aid	
		AY 20-22 Degrees		Base appropriation per degree adjustment			State Adjustment \$ Per Degree	
				State Base			NJIT	
				Price ⁽¹⁾	Cost ⁽²⁾	Appropriation	Polytechnic	
				Per	Ratio to	Per Degree	Adjustment	
Degree Type	Degree Programs	Awarded	% Degrees	Student	Non-STEM	Adjustment ⁽³⁾	Aid Total	
STEM	Engineering	1,304	48.3%	62,297	1.83	20,554	26,802,463	
	Math	38	1.4%	43,000	1.26	14,187	539,116	
	Computer Science	845	31.3%	37,000	1.09	12,208	10,315,455	
	Physical Sciences	167	6.2%	54,000	1.59	17,817	2,975,365	
	Average - STEM	2,354	87.2%				40,632,398	
ARCH	Architecture	86	3.2%	59,000	1.74	19,466	1,674,096	
Non-STEM	Average - NON-STEM	259	9.6%	34,000	1.00	11,218	2,905,418	
	Total	2,699	100.0%				45,211,913	Total Adjusted Appropriation
							(34,585,000)	NJIT FY24 Base Appropriation
							10,626,913	Value of Polytechnic Aid - NJIT

State Appropriation Average Per Degree Awarded

⁽¹⁾ Chart C - Price per student for each degree - National Bureau of Economic Research
⁽²⁾ Ratio comparing non-STEM costs to Stem and Architecture costs
⁽³⁾ Average FY24 State base appropriation per degree with a cost ratio to non-STEM applied

**Chart C - National Bureau of Economic Research -
Total Price Per Student by Discipline**



[w23029.pdf \(nber.org\)](https://www.nber.org/system/files/working_papers/w23029/w23029.pdf)

SOURCE: https://www.nber.org/system/files/working_papers/w23029/w23029.pdf
(p. 40)

Sustainable Energy and Environment Center at NJIT (SEE Center)

FY25 BUDGET REQUEST

NJIT requests \$40M to support Phase 1 of the \$71.3M project to create the Sustainable Energy and Environment Center at NJIT (SEE Center).

BACKGROUND

As outlined in the State of New Jersey Energy Master Plan, the State's ambition is to have 100% clean energy by 2050. New Jersey Institute of Technology (NJIT) will be a pivotal contributor in helping the State reach its long-term goal, as we educate approximately one-third of our State's engineers and scientists. Moreover, we help to provide a diverse talent pipeline , as 62% of all engineering degrees awarded to African-American and Hispanic students by New Jersey public institutions are awarded by NJIT. With the strength of our growing enrollment and diverse talent base of students, faculty and researchers, **NJIT is committed to advancing New Jersey's energy future through the establishment of the Sustainable Energy and Environment (SEE) Center.** The SEE Center will be a catalyst for inclusive, interdisciplinary education, research, and community engagement that will bring to bear our ingenuity in chemistry, chemical engineering, materials science and engineering, environmental science, sustainability studies, physics, and space weather sciences to address the State's energy goals and future workforce needs.

Developing clean energy and a sustainable environment go hand-in-hand and require interdisciplinary efforts in education, research, and experiential learning. Close collaboration and engagement with numerous stakeholders is needed in addition to the various academic disciplines. To better prepare students to be innovators in these areas and drive the State's economy forward, we are developing the SEE Center in Tiernan Hall at NJIT.

The vision of the SEE Center is to provide state-of-the-art education, research, and experiential training to prepare the next generation of scientists and engineers as well as research and technology innovations to position New Jersey as a leader in clean energy and sustainability. Providing state-of-the-art facilities to support this visionary effort necessitates specific classroom and research space renewal and modernization. The SEE Center will be designed to foster education, research, and community engagement in the fields of sustainable energy and the environment, and strongly support the state's energy goals and workforce development needs.

The \$71.3M project converts our legacy engineering facilities in Tiernan Hall into the interdisciplinary SEE Center, transforming the entire building. Phase 1 (\$40M) of the project will complete the high-impact renewal and renovations required to support the needed infrastructure for research and teaching. Tiernan Hall is an aging building in need of renewal and with significant deferred maintenance. The building also requires the modernization

of 10 classrooms, including one of the two large lecture halls, and nine of the 13 instructional labs housed in three departments: Chemistry and Environmental Science; Chemical and Materials Engineering; and Physics (including the Center for Solar-Terrestrial Research and the graduate program in Materials Science and Engineering) to bring to bear advanced teaching and learning modalities. When all phases are complete, the Center will provide state-of-the-art instructional, research, support, and collaboration spaces to facilitate the interdisciplinary education, curricula, research, training, and engagement needed to prepare a well-equipped workforce and support innovations in clean energy and sustainability that will help realize New Jersey's sustainable energy goals and position the State for future success and economic growth.

This request outlines key ways in which the SEE Center aligns with and supports the State of New Jersey's Energy Master Plan, emphasizing education, research, innovation, environmental sustainability, community engagement, and diversity.

Education and Workforce Development

The SEE Center's primary mission is to prepare a skilled workforce capable of addressing New Jersey's energy and environmental challenges. **NJIT's strong emphasis on STEM education aligns with the State's Energy Master Plan, which highlights the need for a well-prepared workforce to support clean energy initiatives.** The SEE Center will enhance academic programs in fields related to sustainable energy and the environment, ensuring that students receive state-of-the-art education and hands-on training. The SEE Center will serve as a fully integrated, modernized locus of instruction at NJIT, improving the educational experience **for more than 4,000 students** completing foundational courses in the chemical and physical sciences, while enabling advanced-level education for several hundreds of students each year in these areas as well as chemical engineering, environmental science, materials science and engineering, and space weather sciences. These courses provide a deep understanding of the principles that drive innovation in the fields of clean energy, climate change, and sustainability, making them invaluable for addressing the environmental challenges of the State.

Research and Innovation

Research conducted at the SEE Center has the potential to drive innovation in clean energy sources and technologies, a key aspect of the State's energy plan. The center will house state-of-the-art equipment for research in environmental science, chemistry, physics, materials engineering, and more. Research outcomes at NJIT include advancements in solar panel technology, photovoltaics, solar system integration, and improving the efficiency and affordability of solar energy systems. NJIT has been involved in research on energy storage solutions, including battery technologies, and has explored carbon capture and utilization technologies to reduce carbon dioxide emissions. Through groundbreaking translational research, the SEE Center will drive solutions to support the green economy of New Jersey.

Environmental Sustainability

Environmental sustainability is a cornerstone of the New Jersey Energy Master Plan. The SEE Center can contribute by addressing sustainability challenges through research **concentrated on the National Academy of Engineering's 14 Grand Challenges**, including, clean, sustainable, and secure water, food, environment, and energy. Research projects in the center will focus on pollution control, waste reduction, and resource conservation. By developing and testing new methods and technologies, the center can support the state's commitment to reducing the environmental impact of energy production.

Community Engagement

Community outreach and engagement are integral to the SEE Center's mission. Collaborating with stakeholders in Newark and the state provides an opportunity to promote energy efficiency, conservation, and sustainability at the community level. This collaborative interdisciplinary facility will not only deliver the physical and technological resources needed to prepare generations of students to innovate and solve daunting environmental challenges but will also foster close partnerships between the State, the technology industry, and our students, faculty, and staff around these challenges. These efforts align with the state's energy plan's emphasis on engaging communities to adopt energy-efficient practices and technologies.

Energy Efficiency

Improving energy efficiency is a central goal of the New Jersey Energy Master Plan. NJIT has focused on **sustainable building design and technologies**, including energy-efficient HVAC systems, smart building controls, and passive design strategies to reduce energy consumption in buildings. Through the physical improvements in the home of the SEE Center, Tiernan Hall, energy consumption will be reduced and the building will become a living laboratory. The research and innovation efforts at the SEE Center may lead to strategies and technologies that enhance energy efficiency across various sectors. By reducing energy consumption, the center can contribute to the state's objectives of achieving greater energy efficiency.

Diverse Student Population

The state's energy plan includes a focus on fostering diversity within the energy workforce. NJIT has made significant contributions to educating the public and the next generation of scientists and engineers about climate change and clean energy. The outreach efforts extend to local governments, community groups and schools. The SEE Center's focus will be to enable inclusive, interdisciplinary education, research, and community engagement that will bring to bear our talents in chemistry, chemical engineering, materials science and engineering, environmental science, sustainability studies, physics, and space weather sciences to address the state's energy goals and future workforce needs.

Underscoring the university's mission of providing a STEM education to traditionally marginalized groups and underrepresented minorities, NJIT set a new record this fall with underrepresented groups representing 50% of the 2023-24 first-year class. The number of first-year students identifying as Black has nearly tripled since 2013, and Hispanic first-year enrollment has reached over 30% for the second year in a row. The largest-ever first-year class reflects NJIT's pursuit to enroll more women in STEM and has again eclipsed the 30% mark for women enrollees. Freshman enrollment figures for men and women have set a new benchmark in NJIT's history. By providing education and research opportunities to a broad and diverse student body, the center contributes to building a workforce that reflects the state's demographics. We anticipate that over 400 hundred students will graduate each year at the BS, MS, and PhD levels ready to work to advance the State's energy mission - all possible through the formation of the SEE Center.

In conclusion, the establishment of the SEE Center at NJIT represents a significant step towards achieving New Jersey's energy goals. The SEE Center will serve as a driving force in advancing the state's energy landscape, ensuring a sustainable, efficient, and diverse energy future. The \$40M request will allow Phase 1 of the project to proceed, completing the high-impact renewal and renovations required to support the needed infrastructure for research and teaching.

Figure 1 – Rendering of the renewed chemistry teaching laboratory



Figure 2 – Rendering of the renewed physics teaching laboratory



Figure 3 – Rendering of the renewed lecture hall



State Authorized FTEs

FY25 BUDGET REQUEST

NJIT requests that our State Authorized FTE cap be increased to 1,462, to reflect the addition of 149 FTE above our current 1,313 FTE allowance.

BACKGROUND

NJIT continues to display significant growth in enrollment, research, and operations. Total student headcount for the academic year has increased from 9,943 in FY13 to 13,007 in FY24, an increase of 30.8%. Research and associated expenses have increased from \$107.3M in FY13 to nearly \$179M at the conclusion of FY23, an increase of 66.5%, catapulting NJIT into R1 status under the Carnegie Foundation classification for higher education institutions with the highest research production, one of only three such institutions in the State of New Jersey. Moreover, total operations have grown from \$359.1 Million in FY13 to \$686.5 Million in FY24, an increase of \$327.4 million, or 91.2%.

Our FY25 budget request includes **149 additional FTEs**. The first 110 FTEs are needed to meet the teaching capacity of our growing enrollment and to provide improved support services for our evolving student body, with most of these being **academic advisors, financial aid specialists, counseling center staff, disability services professionals, lecturers, and other student life staff**. These positions will be critical to continue improving retention and graduation rates as these are key metrics for both NJIT and the Office of the Secretary of Higher Education.

Lastly, In October 2008, the State passed a law, N.J.S.A.18A:66-168, requiring adjunct faculty at the State's public universities to be eligible to participate in the Alternate Benefit Plan (ABP) pension program; however, there has been no adjustment to NJIT's State approved FTE cap to recognize that population. This group is not eligible for any other State benefits including health. The current, active roster of pensionable adjuncts totals 314; at a course load equivalent to 1/8 of a full-time instructional faculty member, they would equate to an additional 39 FTEs. This number is additive to the needs outlined above related specifically to student success based on growth in NJIT's enrollment.

Summary of State Authorized FTE Budget Request

Priority Request	FTE
NJIT Staff FTEs	110
Pensionable Adjuncts	39
Total State Authorized FTE Increase	149

Research Institution Fringe Support

FY25 BUDGET REQUEST

New Jersey's Public Research Universities respectfully **request an additional \$35 million to be added to the Fringe Support for Public Research Institutions of Higher Education line item, which would bring the Fiscal Year 2025 total for this appropriation to \$105 million.**

BACKGROUND

New Jersey's State fringe benefit rate is the highest in the country. Beyond New Jersey's borders, public and other research institutions are subject to state and other fringe benefit rates significantly lower than what New Jersey public institution researchers must charge to their grants.

This is a clear competitive disadvantage for New Jersey's public research university faculty and other institutional researchers. Federal granting agencies recognize that New Jersey researchers will complete less research per award, due to our fringe rate, relative to grant applications from every other state and / or applicant.

New Jersey policy makers have acknowledged the importance of New Jersey's public research enterprise by attempting to alleviate this disadvantage in recent years. In Fiscal Year 2023, the Governor proposed, and the Legislature approved a \$25 million increase to the State budget in the Fringe Support for Public Research Institutions of Higher Education line item, bringing it to \$35 million. The following year, Fiscal Year 2024, the line item was increased to \$70 million.

The allocation of this appropriation as a grant to New Jersey's five public research institutions has allowed those institutions to negotiate lower federal fringe rates with federal granting agencies. However, with no end in sight to dramatic State fringe rate increases – illustrated by a more than 80% increase in just the last six fiscal years – the durability of this appropriation to accomplish its intended purpose is increasingly diminished.

CONCLUSION

It is clear that this appropriation is essential to the health of New Jersey's public research enterprise and, ultimately, the public research institutions themselves.

While New Jersey's public research universities are broadly recognized for research expertise in a variety of disciplines, an increased appropriation is necessary to fully confront the competitive disadvantage our researchers face. Doing so will allow New Jersey's public research universities to fully meet their potential in the areas of biomedical, health sciences, social sciences, engineering and other important research areas.

Having acknowledged that a competitive disadvantage exists, New Jersey policymakers should continue to support the Fringe Support for Public Research Institutions of Higher Education line item in Fiscal Year 2025 by increasing the appropriation to \$105 million.

The economic gains, as well as the research accomplishments, are certain to benefit the institutions and the entire State.

**STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY
OFFICE OF MANAGEMENT AND BUDGET
FISCAL YEAR 2025
PLANNING DOCUMENT BUDGET INITIATIVE FORM (BIF)
For**

NJ INSTITUTE OF TECHNOLOGY

Title: NJIT Public Polytechnic Adjustment Aid

Type: Growth-Potential Growth (Discretionary)

Space Needs: No Effect **Legislation** **Capital Request** **Language Req** **It Component**

Initiative Description:

To offset the differential cost of delivering a polytechnic education to its students, NJIT is requesting continuation of polytechnic adjustment aid totaling \$10.63M. The amount of the request is calculated based on National Bureau of Economic Research (NBER) data regarding the cost of delivering a STEM education and the actual number of NJIT degrees awarded by discipline. As New Jersey’s public polytechnic university, NJIT confers 23% of all STEM degrees awarded by NJ senior public institutions and is a top 20 national university in producing Black and Hispanic engineers. Indeed, more than 60% of Black and Hispanic engineers graduating from New Jersey colleges are NJIT alumni. Our colleges of architecture, computing, and engineering are among the largest in the region. Much of the diverse STEM workforce desperately needed to serve New Jersey’s key industrial sectors is educated at NJIT, and many of the undergraduate students we enroll come to us from low-income households – including 38% of whom are Pell eligible – with great need of support programs in order to navigate our challenging curriculum.

But while the State’s economy and our STEM graduates reap the benefits of an NJIT degree, State operating aid currently does not take into account the differential cost of delivering a STEM education. Specifically, in a working paper entitled “The Costs of and Net Returns to College Major” published by the National Bureau of Economic Research (NBER), economists from Yale University and the University of Chicago found that the delivery of STEM majors such as engineering and the physical sciences cost approximately twice as much as the least expensive majors.

A recent study published in Educational Policy examines whether a focused STEM incentive in state funding policies leads to greater undergraduate STEM degree completions, finding that funding incentives do lead to more students graduating in the high-demand fields of STEM (Li, 2020).

As the State’s only polytechnic institution, NJIT awards the overwhelming majority of its degrees, 90.4%, in the more costly disciplines of engineering, physical sciences, computing, math and architecture. NJIT is also one of only two four-year public universities in the State to offer architecture. At the conclusion of the 2021-22 academic year, all other NJ four-year public universities awarded on average 19.2% of their degrees in the STEM disciplines, enabling them to offset the cost of delivering these academic programs with substantial enrollment in other less costly disciplines (e.g., Sociology, Psychology, Literature).

Notably, a STEM education offers a path to upward economic mobility for our students. NJIT is ranked 3rd in NJ (and first among N.J. publics) by Payscale for Salary Potential, with early career salaries averaging \$69,200 and mid-career salaries averaging \$129,600 for NJIT students holding a bachelor’s degree. NJIT is also ranked #41 by Payscale for College Return on Investment (ROI) with a 20-year net ROI of \$729,000

Out-year Considerations

In recognition of the differential cost of providing a polytechnic education and given the critical role polytechnic institutes play in training a highly skilled future workforce, this aid will enable NJIT to continue its historic growth and economic impact on the behalf of the State of New Jersey and its citizens.

Language

FY Funding

	FY 2025	FY 2026	FY 2027	FY 2028
Total Fiscal Year Funding:	\$0	\$10,627	\$10,627	\$10,627
Change:	\$10,627	\$0	\$0	\$0
Total Budget Request:	\$10,627	\$10,627	\$10,627	\$10,627

STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY
OFFICE OF MANAGEMENT AND BUDGET
FISCAL YEAR 2025
PLANNING DOCUMENT BUDGET INITIATIVE FORM (BIF)
For
NJ INSTITUTE OF TECHNOLOGY

Position:

Initiative Start Date:	<input type="text"/>
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Position Type	Positions		Comments
	#	\$	
		\$0	
Total Positions	0	\$0	

STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY
OFFICE OF MANAGEMENT AND BUDGET
FISCAL YEAR 2025
PLANNING DOCUMENT BUDGET INITIATIVE FORM (BIF)
For

NJ INSTITUTE OF TECHNOLOGY

Title: Sustainable Energy and Environment Center at NJIT

Type: Growth-Potential Growth (Discretionary)

Space Needs: No Effect

Legislation Capital Request Language Req It Component

Initiative Description:

NJIT requests 1-time funding of \$40M to support Phase 1 of the \$71.3M project to create the Sustainable Energy and Environment Center at NJIT. As outlined in the State of New Jersey Energy Master Plan, the State's ambition is to have 100% clean energy by 2050. New Jersey Institute of Technology (NJIT) will be a pivotal contributor in helping the State reach its long-term goal, as we educate approximately one-third of our State's engineers and scientists. Moreover, we help to provide a diverse talent pipeline, as 62% of all engineering degrees awarded to African-American and Hispanic students by New Jersey public institutions are awarded by NJIT. With the strength of our growing enrollment and diverse talent base of students, faculty and researchers, NJIT is committed to advancing New Jersey's energy future through the establishment of the Sustainable Energy and Environment (SEE) Center. The SEE Center will be a catalyst for inclusive, interdisciplinary education, research, and community engagement that will bring to bear our ingenuity in chemistry, chemical engineering, materials science and engineering, environmental science, sustainability studies, physics, and space weather sciences to address the State's energy goals and future workforce needs.

Developing clean energy and a sustainable environment go hand-in-hand and require interdisciplinary efforts in education, research, and experiential learning. Close collaboration and engagement with numerous stakeholders is needed in addition to the various academic disciplines. To better prepare students to be innovators in these areas and drive the State's economy forward, we are developing the SEE Center in Tiernan Hall at NJIT.

The vision of the SEE Center is to provide state-of-the-art education, research, and experiential training to prepare the next generation of scientists and engineers as well as research and technology innovations to position New Jersey as a leader in clean energy and sustainability. Providing state-of-the-art facilities to support this visionary effort necessitates specific classroom and research space renewal and modernization. The SEE Center will be designed to foster education, research, and community engagement in the fields of sustainable energy and the environment, and strongly support the state's energy goals and workforce development needs.

Out-year Considerations

The \$71.3M project converts our legacy engineering facilities in Tiernan Hall into the interdisciplinary SEE Center, transforming the entire building. Phase 1 (\$40M) of the project will complete the high-impact renewal and renovations required to support the needed infrastructure for research and teaching. Tiernan Hall is an aging building in need of renewal and with significant deferred maintenance. The building also requires the modernization of 10 classrooms, including one of the two large lecture halls, and nine of the 13 instructional labs housed in three departments: Chemistry and Environmental Science; Chemical and Materials Engineering; and Physics (including the Center for Solar-Terrestrial Research and the graduate program in Materials Science and Engineering) to bring to bear advanced teaching and learning modalities. When all phases are complete, the Center will provide state-of-the-art instructional, research, support, and collaboration spaces to facilitate the interdisciplinary education, curricula, research, training, and engagement needed to prepare a well-equipped workforce and support innovations in clean energy and sustainability that will help realize New Jersey's sustainable energy goals and position the State for future success and economic growth.

The establishment of the SEE Center at NJIT represents a significant step towards achieving New Jersey's energy goals. The SEE Center will serve as a driving force in advancing the state's energy landscape, ensuring a sustainable, efficient, and diverse energy future. The \$40M request will allow Phase 1 of the project to proceed, completing the high-impact renewal and renovations required to support the needed infrastructure for research and teaching.

Language

STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY
OFFICE OF MANAGEMENT AND BUDGET
FISCAL YEAR 2025
PLANNING DOCUMENT BUDGET INITIATIVE FORM (BIF)
For

NJ INSTITUTE OF TECHNOLOGY

FY Funding	FY 2025	FY 2026	FY 2027	FY 2028
Total Fiscal Year Funding:	\$0	\$40,000	\$0	\$0
Change:	\$40,000	(\$40,000)	\$0	\$0
Total Budget Request:	\$40,000	\$0	\$0	\$0

STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY
OFFICE OF MANAGEMENT AND BUDGET
FISCAL YEAR 2025
PLANNING DOCUMENT BUDGET INITIATIVE FORM (BIF)
For
NJ INSTITUTE OF TECHNOLOGY

Title: State Authorized FTEs

Type: Growth-Potential Growth (Discretionary)

Space Needs: No Effect

Legislation Capital Request Language Req It Component

Initiative Description:

NJIT continues to display significant growth in enrollment, research, and operations. Total student headcount for the academic year has increased from 9,943 in FY13 to 13,007 in FY24, an increase of 30.8%. Research and associated expenses have increased from \$107.3M in FY13 to nearly \$179M at the conclusion of FY23, an increase of 66.5%, catapulting NJIT into R1 status under the Carnegie Foundation classification for higher education institutions with the highest research production, one of only three such institutions in the State of New Jersey. Moreover, total operations have grown from \$359.1 Million in FY13 to \$686.5 Million in FY24, an increase of \$327.4 million, or 91.2%.

Out-year Considerations

Our FY25 budget request includes 149 additional FTEs. The first 110 FTEs are needed to meet the teaching capacity of our growing enrollment and to provide improved support services for our evolving student body, with most of these being academic advisors, financial aid specialists, counseling center staff, disability services professionals, lecturers, and other student life staff. These positions will be critical to continue improving retention and graduation rates as these are key metrics for both NJIT and the Office of the Secretary of Higher Education.

Lastly, In October 2008, the State passed a law, N.J.S.A.18A:66-168, requiring adjunct faculty at the State's public universities to be eligible to participate in the Alternate Benefit Plan (ABP) pension program; however, there has been no adjustment to NJIT's State approved FTE cap to recognize that population. This group is not eligible for any other State benefits including health. The current, active roster of pensionable adjuncts totals 314; at a course load equivalent to 1/8 of a full-time instructional faculty member, they would equate to an additional 39 FTEs. This number is additive to the needs outlined above related specifically to student success based on growth in NJIT's enrollment

Language

FY Funding

	FY 2025	FY 2026	FY 2027	FY 2028
Total Fiscal Year Funding:		\$0	\$0	\$0
Change:		\$0	\$0	\$0
Total Budget Request:	\$0	\$0	\$0	\$0

Position:

Initiative Start Date:

Position Type	Positions		Comments
	#	\$	
Increase FTE	149	\$0	
Total Positions	149	\$0	

**STATE OF NEW JERSEY
DEPARTMENT OF THE TREASURY
OFFICE OF MANAGEMENT AND BUDGET
FISCAL YEAR 2025
PLANNING DOCUMENT BUDGET INITIATIVE FORM (BIF)
For**

NJ INSTITUTE OF TECHNOLOGY

Title: Research Institution- Fringe Rate Adjustment Aid

Type: Reduction-Reduced Costs / Caseload

Space Needs: No Effect Legislation Capital Request Language Req It Component

Initiative Description:

New Jersey’s Public Research Universities respectfully request an additional \$35 million to be added to the Fringe Support for Public Research Institutions of Higher Education line item, which would bring the Fiscal Year 2025 total for this appropriation to \$105 million.

New Jersey’s State fringe benefit rate is the highest in the country. Beyond New Jersey’s borders, public and other research institutions are subject to state and other fringe benefit rates significantly lower than what New Jersey public institution researchers must charge to their grants.

This is a clear competitive disadvantage for New Jersey’s public research university faculty and other institutional researchers. Federal granting agencies recognize that New Jersey researchers will complete less research per award, due to our fringe rate, relative to grant applications from every other state and / or applicant.

New Jersey policy makers have acknowledged the importance of New Jersey’s public research enterprise by attempting to alleviate this disadvantage in recent years. In Fiscal Year 2023, the Governor proposed, and the Legislature approved a \$25 million increase to the State budget in the Fringe Support for Public Research Institutions of Higher Education line item, bringing it to \$35 million. The following year, Fiscal Year 2024, the line item was increased to \$70 million.

The allocation of this appropriation as a grant to New Jersey’s five public research institutions has allowed those institutions to negotiate lower federal fringe rates with federal granting agencies. However, with no end in sight to dramatic State fringe rate increases – illustrated by a more than 80% increase in just the last six fiscal years – the durability of this appropriation to accomplish its intended purpose is increasingly diminished.

Out-year Considerations

It is clear that this appropriation is essential to the health of New Jersey’s public research enterprise and, ultimately, the public research institutions themselves.

While New Jersey’s public research universities are broadly recognized for research expertise in a variety of disciplines, an increased appropriation is necessary to fully confront the competitive disadvantage our researchers face. Doing so will allow New Jersey’s public research universities to fully meet their potential in the areas of biomedical, health sciences, social sciences, engineering and other important research areas.

Having acknowledged that a competitive disadvantage exists, New Jersey policymakers should continue to support the Fringe Support for Public Research Institutions of Higher Education line item in Fiscal Year 2025 by increasing the appropriation to \$105 million. The economic gains, as well as the research accomplishments, are certain to benefit the institutions and the entire State.

Language

FY Funding

	FY 2025	FY 2026	FY 2027	FY 2028
Total Fiscal Year Funding:	\$0	\$10,906	\$10,906	\$10,906
Change:	\$10,906	\$0	\$0	\$0
Total Budget Request:	\$10,906	\$10,906	\$10,906	\$10,906

SECTION 5

CAPITAL BUDGET

Department Priority Summary Report- All Fund Sources

Department Priority	Project Title	Organization	Project Number	FY 2025	FY 2026	FY 2027	FY 2028 - 2031	Total
75 C	New Jersey Institute of Technology							
1	CURRENT/DEFERRED MAINTENANCE	NJIT - NEW JERSEY INSTITUTE OF TECHNOLOGY	838	\$41,489	\$28,489	\$28,489	\$28,489	\$126,956
2	SUSTAINABLE ENERGY AND ENVIRONMENT CEN	NJIT - NEW JERSEY INSTITUTE OF TECHNOLOGY	1230	\$29,256	\$42,099	\$0	\$0	\$71,355
3	LIBRARY	NJIT - NEW JERSEY INSTITUTE OF TECHNOLOGY	324	\$21,447	\$26,109	\$45,690	\$0	\$93,246
4	EXPANSION OF THE LIFE SCIENCES AND ENGINI	NJIT - NEW JERSEY INSTITUTE OF TECHNOLOGY	1253	\$0	\$5,914	\$68,014	\$0	\$73,928
5	ACADEMIC BUILDING	NJIT - NEW JERSEY INSTITUTE OF TECHNOLOGY	27	\$0	\$7,882	\$70,941	\$78,823	\$157,646
6	RESEARCH BUILDING	NJIT - NEW JERSEY INSTITUTE OF TECHNOLOGY	1350	\$0	\$0	\$17,093	\$153,839	\$170,932
7	ENGINEERING FACILITY EXPANSION	NJIT - NEW JERSEY INSTITUTE OF TECHNOLOGY	1254	\$0	\$0	\$0	\$80,013	\$80,013
Department Total				\$92,192	\$110,493	\$230,227	\$341,164	\$774,076

Capital Project Report by Org & Priority

9/13/2023

Project Number: 838

Project Title: CURRENT/DEFERRED MAINTENANCE

Project Type: A06

Department: NEW JERSEY INSTITUTE OF TECHNOLOGY

Preservation-Other

Organization: NJIT - NEW JERSEY INSTITUTE OF TECHNOLOGY

Department Priority: 1

Facility Name: NEW JERSEY INSTITUTE OF TECHNOLOGY

New Project: Yes

Project Location: NJIT NEWARK

PROJECT DESCRIPTION AND JUSTIFICATION

The University has continued to extend the standard replacement lifecycle for campus facilities. NJIT has invested resources to begin the mitigation of the deferred maintenance backlog; however, the resources are limited and have been addressing the most emergent issues. Current identified backlog includes, but is not limited to, the following: Oak Hall (\$19.7M), Kupfrian Hall (\$4M), Mechanical Engineering Center (\$5M), Cullimore Hall (\$4M), Campbell Hall (\$3.2M), Colton Hall (\$2.1M), Cypress Hall (\$7M), York Center (\$5M), Tiernan Hall (\$33M), and Laurel Hall (\$9M).

PROJECT ANNUAL OPERATING IMPACT

(000's)

IMPACT	INCREASE	DECREASE
No	\$0	\$0

EXPLANATION:

Cost avoidance by installing more energy efficient equipment and systems. If funds are not available, tuition rates will be increased to cover required repairs.

PROJECT PHASE	ESTIMATED COST (000's)
CONSTRUCTION	\$126,955
Total Estimated Cost:	\$126,955

FUND TYPE	(000's)				TOTAL PROJECT COST
	FY-2025	FY- 2026	FY- 2027	FY- 2028 - 2031	
<i>General</i>	\$41,489	\$28,489	\$28,489	\$28,489	\$126,956
TOTALS	\$41,489	\$28,489	\$28,489	\$28,489	\$126,956

Capital Project Report by Org & Priority

9/13/2023

Project Number: 1230

Project Title: SUSTAINABLE ENERGY AND ENVIRONMENT CENTER

Project Type: E03
Construction-Renovations and Rehabilitation

Department: NEW JERSEY INSTITUTE OF TECHNOLOGY

Organization: NJIT - NEW JERSEY INSTITUTE OF TECHNOLOGY

Department Priority: 2

Facility Name:

New Project: Yes

Project Location:

PROJECT DESCRIPTION AND JUSTIFICATION

The project converts NJIT's Tiernan Hall into an interdisciplinary Center for Sustainable Energy and Environment (SEE Center). The SEE Center will be an essential component for instruction and will improve the educational experience for all students completing foundational courses in chemistry and physics. The SEE Center will provide the core education of our next generation of scientists and engineers and become home to innovation labs for industry collaborations both assisting to solve a number of our world's most critical challenges as defined by the National Academy of Engineering 14 Grand Challenges –

PROJECT ANNUAL OPERATING IMPACT

(000's)

IMPACT	INCREASE	DECREASE
No	\$0	\$0

EXPLANATION:

Cost avoidance due to new, modern equipment

PROJECT PHASE

ESTIMATED COST (000's)

CONSTRUCTION	\$53,516
FURNISHING AND FIXTURES	\$8,563
FEES	\$9,276
Total Estimated Cost:	\$71,355

FUND TYPE

(000's)

FY-2025

FY- 2026

FY- 2027

FY- 2028 -
2031

**TOTAL PROJECT
COST**

Bond

\$29,256

\$42,099

\$0

\$0

\$71,355

TOTALS

\$29,256

\$42,099

\$0

\$0

\$71,355

Capital Project Report by Org & Priority

9/13/2023

Project Number: 324

Project Title: LIBRARY

Project Type: E03
Construction-Renovations and Rehabilitation

Department: NEW JERSEY INSTITUTE OF TECHNOLOGY

Organization: NJIT - NEW JERSEY INSTITUTE OF TECHNOLOGY

Department Priority: 3

Facility Name: NEW JERSEY INSTITUTE OF TECHNOLOGY

New Project: Yes

Project Location: VAN HOUTEN LIBRARY - NEWARK

PROJECT DESCRIPTION AND JUSTIFICATION

Planned renovation and expansion of existing library to create a learning commons with additional student support services and on-line/multimedia library material and access. It will provide a new learning environment including provisions for group projects utilizing current technologies. The 68,000 SF expansion is necessary based on the increase in student population through year 2025 and is outlined in the NJIT facilities master plan.

PROJECT ANNUAL OPERATING IMPACT

(000's)

IMPACT	INCREASE	DECREASE
No	\$566	\$0

EXPLANATION:

Additional operating and maintenance cost.

PROJECT PHASE	ESTIMATED COST (000's)
CONSTRUCTION	\$69,934
FURNISHING AND FIXTURES	\$11,190
OTHER	\$1,865
FEES	\$10,257
Total Estimated Cost:	\$93,246

FUND TYPE	(000's)				TOTAL PROJECT COST
	FY-2025	FY- 2026	FY- 2027	FY- 2028 - 2031	
<i>General</i>	\$21,447	\$26,109	\$45,690	\$0	\$93,246
TOTALS	\$21,447	\$26,109	\$45,690	\$0	\$93,246

Capital Project Report by Org & Priority

9/13/2023

Project Number: 1253

Project Title: EXPANSION OF THE LIFE SCIENCES AND ENGINEERING

Project Type: E03
Construction-Renovations and Rehabilitation

Department: NEW JERSEY INSTITUTE OF TECHNOLOGY

Organization: NJIT - NEW JERSEY INSTITUTE OF TECHNOLOGY

Department Priority: 4

Facility Name:

New Project: Yes

Project Location:

PROJECT DESCRIPTION AND JUSTIFICATION

The Life Sciences and Engineering Center, constructed in 2016, supports multi-discipline, collaborative research between the life sciences and engineering disciplines. The NJIT Facilities Master Plan outlines the need for space to accommodate further growth in these critical areas through 2025. The existing facility, planned for future expansion, provides for 50,000 GSF in additional space on the current site to support the critical integration of these fields.

PROJECT ANNUAL OPERATING IMPACT

(000's)

IMPACT	INCREASE	DECREASE
Yes	\$400	\$0

EXPLANATION:

Additional operating and maintenance costs.

PROJECT PHASE	ESTIMATED COST (000's)
CONSTRUCTION	\$55,447
FURNISHING AND FIXTURES	\$8,871
OTHER	\$1,478
FEES	\$8,132
Total Estimated Cost:	\$73,928

FUND TYPE	(000's)				TOTAL PROJECT COST
	FY-2025	FY- 2026	FY- 2027	FY- 2028 - 2031	
Bond	\$0	\$5,914	\$68,014	\$0	\$73,928
TOTALS	\$0	\$5,914	\$68,014	\$0	\$73,928

Capital Project Report by Org & Priority

9/13/2023

Project Number: 27

Project Title: ACADEMIC BUILDING

Project Type: E04

Department: NEW JERSEY INSTITUTE OF TECHNOLOGY

Construction-Other

Organization: NJIT - NEW JERSEY INSTITUTE OF TECHNOLOGY

Department Priority: 5

Facility Name: NEW JERSEY INSTITUTE OF TECHNOLOGY

New Project: Yes

Project Location: NEWARK

PROJECT DESCRIPTION AND JUSTIFICATION

A new multi-purpose facility, constructed to meet current and projected demand, providing much needed instructional, academic and academic support space for a growing array of disciplines and multi-disciplinary areas of activity. This 200,000 SF facility provides for teaching and learning, including facilities for online and converged classrooms, accommodating NJIT's growth.

PROJECT ANNUAL OPERATING IMPACT

(000's)

IMPACT	INCREASE	DECREASE
Yes	\$1,664	\$0

EXPLANATION:

Additional operating and maintenance costs.

PROJECT PHASE	ESTIMATED COST (000's)
CONSTRUCTION	\$118,231
FURNISHING AND FIXTURES	\$18,918
OTHER	\$3,152
FEES	\$17,345
Total Estimated Cost:	\$157,646

FUND TYPE	(000's)				TOTAL PROJECT COST
	FY-2025	FY- 2026	FY- 2027	FY- 2028 - 2031	
<i>General</i>	\$0	\$7,882	\$70,941	\$78,823	\$157,646
TOTALS	\$0	\$7,882	\$70,941	\$78,823	\$157,646

Capital Project Report by Org & Priority

9/13/2023

Project Number: 1350

Project Title: RESEARCH BUILDING

Project Type: E02

Department: NEW JERSEY INSTITUTE OF TECHNOLOGY

Construction-New

Organization: NJIT - NEW JERSEY INSTITUTE OF TECHNOLOGY

Department Priority: 6

Facility Name:

New Project: Yes

Project Location:

PROJECT DESCRIPTION AND JUSTIFICATION

NJIT is a Carnegie RI Research University. Based on the growth of externally funded research, the University will require 150,000 GSF of new research space by 2026. The multidisciplinary facility will promote collaborative research in science and engineering. The new facility will be constructed on University land in the University Heights Science and Technology Park.

PROJECT ANNUAL OPERATING IMPACT

(000's)

IMPACT	INCREASE	DECREASE
No	\$1,248	\$0

EXPLANATION:

PROJECT PHASE	ESTIMATED COST (000's)
CONSTRUCTION	\$128,199
FURNISHING AND FIXTURES	\$29,913
FEES	\$12,820
Total Estimated Cost:	\$170,932

FUND TYPE	(000's)				TOTAL PROJECT COST
	FY-2025	FY- 2026	FY- 2027	FY- 2028 - 2031	
Bond	\$0	\$0	\$17,093	\$153,839	\$170,932
TOTALS	\$0	\$0	\$17,093	\$153,839	\$170,932

Capital Project Report by Org & Priority

9/13/2023

Project Number: 1254

Project Title: ENGINEERING FACILITY EXPANSION

Project Type: E03
Construction-Renovations and Rehabilitation

Department: NEW JERSEY INSTITUTE OF TECHNOLOGY

Organization: NJIT - NEW JERSEY INSTITUTE OF TECHNOLOGY

Department Priority: 7

Facility Name:

New Project: Yes

Project Location:

PROJECT DESCRIPTION AND JUSTIFICATION

The Newark College of Engineering remains NJIT's largest college providing education to half of our students in the various engineering disciplines. The Facilities Master Plan outlines a need for additional space to accommodate teaching laboratories and support spaces to serve our students. The 65,000 GSF facility will be constructed on land currently owned by NJIT and will add to the engineering complex created by Faculty Memorial Hall, Tiernan Hall, and the Electrical and Computer Engineering Center.

PROJECT ANNUAL OPERATING IMPACT

(000's)

IMPACT	INCREASE	DECREASE
Yes	\$541	\$0

EXPLANATION:

Additional operating and maintenance costs.

PROJECT PHASE	ESTIMATED COST (000's)
CONSTRUCTION	\$60,010
FURNISHING AND FIXTURES	\$9,602
OTHER	\$1,601
FEES	\$8,800
Total Estimated Cost:	\$80,013

FUND TYPE	(000's)				TOTAL PROJECT COST
	FY-2025	FY- 2026	FY- 2027	FY- 2028 - 2031	
Bond	\$0	\$0	\$0	\$80,013	\$80,013
TOTALS	\$0	\$0	\$0	\$80,013	\$80,013

Project Status Report

Capital Improvement Projects FY2017 - FY2023

(000's)

Project Name

Proj No.	Start Year	Status	Total Available	General	Bond	Federal	Other
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TOTAL FOR:

Department Totals
