



New Jersey Institute of Technology

VIRTUAL UNIVERSITY CONVOCATION

Wednesday, September 9, 2020



Program

PRELUDE VIDEO

MODERATOR

Fadi P. Deek '85, '86, '97
Provost and Senior Executive Vice President

NATIONAL ANTHEM

WELCOME FIRST-YEAR STUDENTS

STATE OF THE UNIVERSITY ADDRESS

Joel Stuart Bloom
President

KEYNOTE ADDRESS

Gabrielle Rejouis '15
*Senior Policy Manager
for Media, Culture, and Economic Justice
Color of Change*

RECOGNITION OF FACULTY AWARDS

ALUMNI SPEAKER

Ralph Jiminez '02
*President
The Alumni Association of NJIT*

ALMA MATER

Award Recipients

Presidential Leadership Awards

Ayushi Sangoi (Undergraduate)
*Biomedical Engineering and Computer Engineering,
Newark College of Engineering*

William Ho (Graduate)
Chemical Engineering, Newark College of Engineering

Excellence in Research Awards

Qiang Tang
Computer Science, Ying Wu College of Computing

Xiaoyang Xu
*Chemical and Materials Engineering,
Newark College of Engineering*

Maurie Cohen
Humanities, College of Science and Liberal Arts

Wenda Cao
Physics, College of Science and Liberal Arts

Haisu Zhang
Martin Tuchman School of Management

Gabrielle Esperdy
Hillier College of Architecture and Design

Overseers Excellence in Research Prize and Medal

Namas Chandra
Biomedical Engineering

Lou Kondic
Mathematical Sciences

Overseers Excellence in Service Award

Michael Ehrlich
Martin Tuchman School of Management

Blake Haggerty, Nicole Bosca,
Cassandra Sardo, and Amal Shah
Office of Digital Learning

Master Teachers

Cesar Bandera
Martin Tuchman School of Management

Ecevit Bilgili
Chemicals and Materials Engineering

Stephen Pemberton
Federated History

Constance A. Murray Diversity Award

James Geller
Computer Science

Newly Promoted/Tenured Faculty

Promotion to Distinguished Professor

Treana Arinzeh
Biomedical Engineering

Promotion to Professor

Shahriar Afkhami
Mathematical Sciences

Bruce Bukiet
Mathematical Sciences

Gabrielle Esperdy
Hillier College of Architecture and Design

Julian Neamtiu
Computer Science

Xianqin Wang
Chemical and Materials Engineering

Zhipeng Yan
Martin Tuchman School of Management

Promotion to Associate Professor with Tenure

Sagnik Basuray
Chemical and Materials Engineering

Brittany Hamfeldt
Mathematical Sciences

J. Britt Holbrook
Humanities

Dong-Kyun Ko
Electrical and Computer Engineering

Xuan Liu
Electrical and Computer Engineering

Hieu Pham Trung Nguyen
Electrical and Computer Engineering

David Shirokoff
Mathematical Sciences

Daphne Soares
Biological Sciences

Roman Voronov
Chemical and Materials Engineering

Donghee Yvette Wohn
Informatics

Xiaoyang Xu
Chemical and Materials Engineering

Promotion to Associate Professor

Mengyan Li
Chemistry and Environmental Science

Tenure

Esra Buyuktahtakin-Toy
Mechanical and Industrial Engineering

Xiaobo Li
Biomedical Engineering

Promotion to Senior University Lecturer

John Egan
Humanities

Narendra Khichi
Humanities

Stephanie Santos
Civil and Environmental Engineering

Jaskirat Sodhi
Mechanical and Industrial Engineering

Louis Wells
Humanities

Keynote Speaker

Gabrielle Rejouis '15

Gabrielle Rejouis graduated from NJIT in 2015 with her B.A. in History. She was an Albert Dorman Honors Scholar, a 2015 College of Science and Liberal Arts Outstanding Undergraduate Student award recipient, and a 2019 Rising Star Alumna award recipient. Gabrielle received her J.D. from Georgetown Law with a Certificate in Refugee and Humanitarian Emergencies in 2018. After law school, she worked at the Center on Privacy & Technology at Georgetown Law, where she advocated for civil rights protections in tech policy and worker privacy protections. Gabrielle currently works at Color of Change as a Senior Policy Manager on the Media, Culture, and Economic Justice team. She develops campaigns to challenge anticompetitive practices and to ensure effective regulation of the tech industry.



Convocation 2020 Award Recipients

Presidential Leadership Awards

Ayushi Sangoi '20 (Undergraduate)

Computer Engineering

The undergraduate Presidential Leadership Award is being awarded to a student who has earned the admiration of students and staff alike. Sangoi's leadership is fueled by passion and is centered around service, education and advocacy. In Alpha Phi Omega, the National Co-ed Service Fraternity, she increased fundraising by 600% within one semester, which funded local service initiatives, such as STEM outreach projects in Kearny and the creation of care packages for the homeless in Newark. Through Girl Up, which is a United Nations-affiliated organization focusing on empowering women around the globe, Sangoi has served in five leadership roles, including President, and partnered an event with Johnson & Johnson to help send girls to school in Guatemala. With the Honors College, she hosted three Honors Colloquia focusing on women in the refugee crisis, inspirational women using social media for revolutions, and the intersection of sustainability and feminine hygiene products. Sangoi has received various academic awards, and acknowledgement for her research and labs, and has worked as a tutor through The Learning Center and the Educational Opportunity Program. Sangoi is described as rare because of her strong, dedicated and passionate leadership paired with her humility, teamwork, service and interest in the common good. It is with great pleasure that we present the 2020 Undergraduate Presidential Leadership Award to Ayushi Sangoi.

William Ho '23 (Graduate)

Chemical Engineering

The graduate Presidential Leadership Award is being awarded to a student described as bringing energy, enthusiasm and commitment to all activities with the desire to help others and improve the quality of life for many. Ho founded and serves as President of the Science and Politics Society, a student organization recognized by the Graduate Student Association. Ho established the Science and Politics Society to bring awareness of global politics and policy to STEM students. The organization is creating a network of STEM-friendly politicians with whom students can connect and volunteer. One goal is to help students think more broadly about the world and their role as engineers and scientists, and understand how they can be involved in politics to make a difference. The club is always looking to recruit undergraduates as members for their help, too. Ho is heavily invested in his research at Xu Lab of Nanomedicine and Biomaterials. If his research is successful, it could yield a breakthrough in the treatment of brain cancer and other afflictions such as Alzheimer's and stroke. His graduate work also allows him to mentor both undergraduate and high school students about work done in the lab. Ho says it is a privilege to help young minds develop and understand the intricacies of our research, which can lead to medical breakthroughs. He has achieved a 3.813 GPA in his Ph.D. studies and has co-authored papers. Ho is also the winner of the 2020 NJIT Technology Innovation Translation and Acceleration \$50,000 Seed Grant. He says NJIT has shaped his personal development in a profound way and attributes many of NJIT's students and professionals to his fondness for NJIT. It is with great pleasure to present the 2020 Graduate Presidential Leadership Award to William Ho.

Overseers Excellence in Research Prize and Medal

Namas Chandra

Electrical and Computer Engineering

Namas Chandra, a distinguished professor of biomedical engineering who explores the intersection of mechanics and biology, is a pioneer in the field of blast-induced brain injuries and associated neurotraumas, as well as methods to protect against them.

Chandra focuses on fundamental questions about these potentially life-changing traumas, such as whether soldiers exposed to multiple blasts sustain brain injuries and become susceptible down the road to other neurodegenerative diseases, including Parkinson's and Alzheimer's. He has recently demonstrated conclusively, for the first time, that pure shock waves can cause concussions and that repeated exposures to them do pose serious risk factors for these diseases.

In other discoveries, he has determined that brain injuries caused by blasts are diffuse, setting them apart from the more localized traumas sustained in car accidents, and may compromise the organ's protective shield, the blood-brain barrier, and induce neuroinflammation.

Chandra also examines current protective measures — helmets, body armor, vehicles and combat care — to assess their ability to prevent brain injuries. He has shown, for example, that certain helmets without tight padding can increase a soldier's vulnerability from a newly identified effect he terms "shock focusing." He is examining biomechanical and biochemical mechanisms to promote brain safety, as well as innovative diagnostic methods and therapies to advance treatment. He is currently exploring, for example, the use of a peptide hormone on blast-induced hearing loss.

In his Center for Injury Bio-Mechanics, Materials and Medicine, which is humming with undergraduate and graduate student researchers, Chandra conducts many of his experiments in a laboratory-scale shock tube that can exactly simulate blasts in the field set off by hand-held grenades, pipe and truck bombs. His patented equipment, funded by the U.S. Department of Defense, is considered a gold-standard testing device and has been replicated at the U.S. Army Proving Grounds in Aberdeen to test future products for soldiers.

With neurobiologist Farzan Nadim, Chandra co-founded NJIT's Institute for Brain and Neuroscience Research to advance a multipronged approach toward understanding neural circuits and their disruption. While conducting fundamental research, IBNR brain injury specialists work closely with clinicians in the region and throughout the country on a variety of therapies, including neurorehabilitation.

Over the last seven years since joining NJIT, Chandra has been awarded nearly \$7 million in external research funding. He has published more than 233 articles in refereed publications, including 122 in archival journals.

In 1997, Chandra was elected a Fellow of the American Society of Mechanical Engineering for his contribution to composite mechanics. Nearly a decade later, he was named a Fellow of the American Institute of Medical and Biological Engineering for his work on the biomechanics of blast-induced brain injury and his insights into improved protections and therapies.

Overseers Excellence in Research Prize and Medal

Lou Kondic

Mathematical Sciences

Lou Kondic, a distinguished professor of applied mathematics, is an expert in complex fluid dynamics whose pioneering work in thin films, composed of materials ranging from liquid crystals to ferromagnetic fluids to liquid metals, is key to innovations in numerous technology-enhanced products, such as solar panels, industrial coatings and liquid crystal displays.

Kondic recently devised a new computational model, for example, that is capable of tracking how extreme heat impacts the evolution of thin metal films on thermally conductive solid substrates such as the silicon used in photovoltaic panels. His lab's discovery of major thermal and fluid dynamic factors that drive the evolution of metal films, including alloys involving more than one metal, is designed to improve their radiation-absorbing properties. By directing the way nanoparticles arrange themselves on top of silicon, he aims to make panels both more efficient and cost-effective.

Also an expert in granular flows, Kondic's interdisciplinary research into the dynamics of particulate systems in a range of conditions — vibrated, sheared and subject to impact — has produced novel insights with a potentially transformative impact on the study of natural phenomena such as earthquakes, landslides and meteor impacts, as well as industrial processes. They include the manufacture, handling, packaging and transport of granular products, ranging from dry powders to dense suspensions.

Kondic has recently collaborated with NJIT's Boris Khusid, a professor of chemical and materials engineering, and researchers from NASA, New York University and Streamline Automation on space-bound studies at the International Space Station. Their experiments explore the fundamental science of colloids — microscopic “building blocks” particles for materials on Earth that are central to the composition of everything from milk and tea to household electronics and 3D printing technology.

His work has been supported by more than two dozen grants from diverse agencies, including the National Science Foundation, the Fulbright Foundation, the Army Research Office, NASA, the Defense Advanced Research Projects Agency (DARPA) and the Defense Threat Reduction Agency, and resulted in more than one hundred well-cited papers in top journals such as *Physical Review Letters*, *Europhysics Letters*, *Nanoletters*, *Journal of Fluid Mechanics*, *Physics of Fluids* and the prestigious *Annual Review of Fluid Mechanics*.

Kondic has garnered numerous important honors and recognitions for his work. Named a Fulbright Fellow in 2006 to study thin film science in Argentina, he went on to receive the College of Science and Liberal Arts Excellence in Research Award in 2013 and the Leloir Award for International Cooperation in Science, Technology and Innovation from the Argentine Ministry of Science and Technology in 2017. That same year, he was elected a Fellow of the American Physical Society for advancing “understanding of complex fluid dynamics, from thin films to granular flows.”

Overseers Excellence in Service Award

Michael Ehrlich

Martin Tuchman School of Management

Blake Haggerty, Nicole Bosca, Cassandra Sardo and Amal Shah

Office of Digital Learning

The Board of Overseers has established awards that acknowledge a long record of extraordinary service to the university and the community. This honor is presented in recognition of exceptional contributions that have lasting impact on the university and enhance the mission of NJIT. Two awards were made for 2020:

For his multifaceted contributions to the university, the NJIT Board of Overseers is pleased to recognize Michael Ehrlich, Associate Professor of Finance, Martin Tuchman School of Management.

Also for their contributions to the university, the NJIT Board of Overseers is pleased to recognize The Office of Digital Learning, namely, Blake Haggerty, Nicole Bosca, Cassandra Sardo and Amal Shah, for their heroic efforts on behalf of our faculty and students during this difficult time.

Constance A. Murray Diversity Award

James Geller

Computer Science

Dr. Constance A. Murray, who served as NJIT's dean of student services from 1978 until her death in 1994, was a dedicated educator and humanitarian who devoted her life to enhancing opportunities for all people, especially minorities and women. The award named in her memory is presented to individuals or groups within NJIT who have compiled a significant and sustained record of achievement in fostering diversity within the university community. This year's winner, Dr. James Geller, a professor in the Department of Computer Science (CS) and Associate Dean for Research in Ying Wu College of Computing (YWCC), more than meets these criteria, going far beyond commitment to equality required of each person at NJIT.

During his tenure as CS Department Chair, Dr. Geller initiated a plan to increase the number of women students in YWCC and to create a more welcoming and supportive environment. He obtained grant funding from "BRAID initiative," a national project that works to increase the percentage of women and students of color majoring in computer science. Dr. Geller has used this funding to take groups of female undergraduate and graduate students to major career networking events for women such as the annual Grace Hopper Celebration (GHC), the Richard Tapia Celebration of Diversity in Computing and the National Conference on Woman and Information Technology (NCWIT). The GHC, which draws over 20,000 participants each year, 90% of them women not only provides students with opportunities to interview for internships and jobs but also allows them to interact with an exciting lineup of successful women role models in industry and academia. NJIT is now a GHC sponsor, thanks in large measure to Dr. Geller's efforts, enhancing the university's access to graduating undergraduate students with potential interest in a Ph.D. program and graduating Ph.D. students who are looking for academic positions.

At the local level, Dr. Geller has created an outreach program in which successful NJIT women students go into urban high schools to act as role models and encourage the girls to consider majoring in computer-related fields. Many of these student role models are the leaders of NJIT's dedicated clubs for women in computing — clubs that Dr. Geller helped to establish — including the undergraduate Women in Computing Society (WiCS), the Graduate Women in Computing Society (G-WiCS) and a chapter of the ACM-W, the female student branch of ACM, the largest organization worldwide of computing professionals (the Association for Computing Machinery). Dr. Geller arranges activities for these clubs — for example, organizing visits to Facebook and Google offices in New York City and bringing in well-known female guest speakers.

In addition to his work with women students, Dr. Geller has also worked with YWCC faculty on creating a more supportive climate—e.g. bringing in speakers to discuss "how to run a gender-neutral classroom" and making such diversity training a regular part of the YWCC onboarding process for new faculty. More recently, Dr. Geller helped to organize a new diversity training program for all Computer Science Department TAs that uses a gamification approach to introduce concepts such as stereotype threat, implicit bias and microaggression, as well as an understanding of gender fluidity and individual pronoun choices. This diversity training was the first initiative of a new CS Department Diversity Committee which Dr. Geller created.

In all these ways and many more, Dr. James Geller has played a pioneering role in fostering diversity in Ying Wu College of Computing at NJIT, demonstrating the sustained record of commitment to fairness and equality which the Murray Diversity Award was created to recognize.

Freshman Class



NEWARK COLLEGE OF ENGINEERING

Newark College of Engineering has as its ensign a chess rook, an ancient symbol associated with engineering and problem-solving as well as an early device in heraldry. It is shown on a field of academic orange with the year 1919, as the date when degrees were first authorized for the college.

| | | | |
|----------------------|-----------------------------|----------------------------|------------------------|
| Humza Abdali * | Tyler Barnes | Julian Catiis | Vinay Dodia |
| Ramzy Abdelhamid | Dania Barrera | Mattheos Celikel | Ryan Doonan |
| Muaaz Abdelmenam | Yostina Barsy | Norma Cervantes Galeana | Daniel Doss |
| Lillian Abdel-Monem | Maximus Beauchamp | Adrian Cespedes | Tyler Dunn |
| Isaac Abdelshahid | Sharon Benson | Nora Chamesian | Daniel Eckloff |
| Adam Abdelwahabe | Rajan Bhanderi | Muhammad Chaudhry | Blaine Edlefsen |
| Amina Abdullahi | Yahya Bhutta | Joshua Chavez | Marlon Egoavil |
| Emma Abi-Atme | Samantha Bischoff | Jaskaran Cheema | Shehab Elbadawi |
| Christie Ack | Daniel Blain | Ja Chen | Avo Elebyjian |
| Hassan Ahmad | Joshua Blatt | Jimmy Chen | Khalil Elhaj |
| Irfan Ahmed | Ryansebastian Bonar | Justin Chen | Trevor Elliott |
| Sean Ailara | Joseph Bongiovanni | Weixing Chen | Nicholas Elmasri |
| David Ajayi | Vaibhav Bora | Anthony Chiommino | Yaheya Elsaid |
| Bilal Al-amrany | Carlos Borges | William Chock | Andrew Eppinger |
| Arwyn Albano | Steven Botros | Eric Choi | Zulmei Eshaqzaie |
| John Albright | Mario Boutros | Tanish Choksi * | Manuela Estrella Gomez |
| Matyas Alcivar | Richard Bowers | Marissa Christenson | Alexander Ewing |
| Arij Ali | Bruno Brandao | Francis Chu | Matthew Exil |
| Isaac Allen | Kiana Brereton | Alyssa Ciano | Peter Ezzat |
| Emerson Altamirano | Elizabeth Brogna * | Steven Cipoletti * | Youssef Ezzeldin * |
| Susan Aly | Dominick Brown | Alessandro Cocuzza | Joshua Failla * |
| John Amegavluie | Amaijah Bryant | Derick Cortes | Diego Fajardo |
| Michael Ameri | Adrian Brzyzek | Kyle Costa | Matthew Falciola |
| Lillian Anderson * | Victor Buccos | Tristan Courtney | Angel Feliciano |
| Diego Andrade | Chino Alberto Bugarin * | Kevin Cox-Torrelío | David Felix |
| Grecia Andrade | James Bulawin | Lawrence Craig | Dieter Felkner |
| Harrison Anesh | Matthew Burckley | Megan Crawford * | Luke Femino |
| Noah Mikhail Angeles | Charles Burger | Jonathan Crespo | Sabastian Fernandes * |
| Nevin Antony | Casey Burhanna * | Edwin Crisostomo | Ryan Fieldhouse |
| Nicholas Araujo | Mitchell Butler | Amanda Cruz * | James Fieseler * |
| Dereck Arroyo | Sean Butler * | Anthony Cunas | Tyler Fisher |
| Kevon Atkins | Michael Caceres | James Cuthill | Conor Fitzpatrick |
| Abdelrahman Awad | Emerlyn Calcano | Beshoy Daoud | Matthew Fleishman |
| Kerlos Awadalla | Matthew Hildebrand Caliolio | Alexander David | Patrick Flig |
| Michael Ayoub | Elian Calvo | William Davis | Nicholas Flores |
| Lauren Azer | Christian Camperlino | Raja Dawson | Joel Florim |
| Christian Azevedo | Nisith Canakapalli | Daniel De Santiago Allende | Devon Ford |
| Geovani Baaklini | Bryan Cando | Joshua De Silva | Anthony Frangiosa |
| Raudy Baez | Jacob Cann | Cherlowe-Floyd DeGuzman | Kristopher Fritsch |
| Adetokunbo Bakare | Michael Carbora | John Dell'Aquila | Robinson Fuentes |
| Navjot Bal | Marcela Cardenas | Erhan Dervisoski | Mazen Gad |
| Rishi Bambhrolia | Jack Carle * | Mohit Desai | Christopher Gallagher |
| Gabriela Banayotti | Kendall Carruthers | Shiv Desai | Vinayak Ganesan * |
| Alexander Bank | Sunil Carter | Jaskaran Dhillon | Ryan Gannon |
| Sebastian Barajas | Dante Caruso | Prajit Dhuri * | Jason Gao |
| Sean Barlisan | Sean Caswell | Andrew Dickman | Alliyah Garcia |

*Albert Dorman Honors College

| | | | |
|-------------------------|-----------------------|--------------------------|----------------------|
| Chelsea Garcia | Alen James | Jason Lin | Raphael Moreira |
| Marcela Garcia | Dylan James | Angeline Loaiza | Josuel Morel |
| Martyn Garcia | Ahmad Jamhour | William-Xavier Logan | Christopher Moreno |
| Jack Gard | Nida Jamshed | Brandon Long | Joncarlos Morisete |
| Matthew Garrido | Sophie Jedrysek * | Javier Lopez | Sagnik Mukherjee |
| Christopher Gaudious | Croix Jenkins * | Maryam Los | Amrit Sriram Murali |
| David Gbadamosi | Bhargav Jillepalli | Ty-John Lott | Garrett Muscatella |
| Maaz Gilani | Brandon Jimenez | Gabriel Lubrano Lavadera | Mohammad Mustafa * |
| John Gilligan | Rachel John * | Dave Lucas | Aria Myers |
| Daniel Girgis | Dean Johnson * | Sarah Lutz | Mary Nadolsky |
| Liam Gnadt | Jayden Johnson | Angelina Lynch | Catrina Nanney * |
| Miguel Gomez | Albert Joseph | Brian Madura | Dennis Narteh |
| Pascal Gomis | Rick Joseph | Samantha Mahmet | Ahmad Nasrallah |
| Brian Gonzalez | Purv Joshi | Yassmine Mahmoud | Endy Nava |
| Gabriel Gonzalez | Angela Juarez | Jackson Mahony | Semih Nazli * |
| Justin Gonzalez | Raaid Kabir * | Henry Mai | Matthew Negron |
| Matthew Gonzalez | Konstantinos Kafetzis | Ann Mariya Malayil | Connor Neuhaus |
| Daarsh Goradia | Riya Kalbag | Christian Maldonado | Jonathan Nguyen |
| Patrick Gorczowski | Thomas Kaldan | Zeeshan Malik | Raymond Nguyen |
| Theodore Grimley | Patrick Kalnins | Jad Marhaba * | Mateo Nieto |
| Mason Grossman | Ashwin Kanetkar | Hugo Maria | Marc Njeim |
| Oliver Gu * | Yehuda Kantor | Matthew Markulis | Rodney Nunez |
| Erik Guaman | Faruk Karatepe | Gabrielle Marquez | Lameck Nyambane |
| Lucas Guillen | Wairagu Kariba | Ralph Marra | Alexis Ocampo |
| Bilgehan Gul | Max Karp * | Dequan Marshall | Catherine Ochoa |
| Steven Gutierrez | Hayden Keiper | Roberto Martinez * | Priestly Ogbonna |
| Jordan Guzman-Hernandez | Conor Kelly | Charan Masimukku * | Chisom Okafor |
| Andrew Gyakobo | Daniel Kidon * | Graeme Mayhew | Dominick O'Melia |
| Abdullah Haider | Dylan Kiell | John Mayo | Chiemela Onuegbu |
| Louis Handwerker | John Kim | Stephen Mazza | Daniel Opaleye |
| Joseph Hanna | Rachel Kim | Christopher Mazzocchi | Brendon Opilac |
| Yousef Hdaib | Sean Kirkup | Salihou Mbaye | Herbert Opoku |
| Joseph Hecht | Gowresh Kishore | Shaykh Mouhamadou Mbaye | Jesus Ortega |
| Christopher Henni | Mohammad Kiyam | Patrick McAleer | Sofia Osma Denoia |
| Emilio Heras-Martinez | Alexandra Knowles * | Niamh McCarthy * | Oliver Osuna |
| Thomas Herity | Qadeem Kochay | Ryan McCusker * | Santiago Ovalles |
| Rolando Hernandez | Ashish Kokkula * | Jill McDermott | Tony Pabon |
| Lizeth Herrera Montoya | Douglas Korzelius | Philmon Mehari | Seejal Padhi * |
| Brian Herrera-Calle | Joshua Kothapalli | Arnol Melgar | Sheetal Padhi * |
| Thomas Hickey | Jakub Kozlowski | Chris Mendez | Jackson Paige |
| Natalia Higuera | Ronit Kurni | Kenny Mendoza | Catherine Pangemanan |
| Khalid Hogan | Julia Kuzan * | Catalino Mercado | Nishit Pansare |
| John Holck | Mariah Laboy | Bharat Merchant | Adit Patel |
| Ian Horstkamp-Vinekar * | Phillip Lacrete | Dhaval Merchant | Chinmay Patel |
| Tarek Hossain | Vladyslav Lazarchuk | Salvatore Merlino | Dev Patel |
| Hans Elijah Hugo | Cristian Lebron | Thomas Metri | Khushi Patel |
| Edward Hyland * | Catherine Lee | Mina Mikhail | Krish Patel |
| Roodney Hypolite | Daniel Lee | Ryan Militello | Michael Patel |
| Bara Ibrahim | Sanghyun Lee | Juan Millan | Milan Patel * |
| Anthony Ionta * | SungWon Lee | Channy Min | Ritik Patel |
| Bola Iskander | Gregory Leifert | Ahmed Mohamed | Rushit Patel |
| Owen Ison | Kenneth Lemley | Amer Mohamed | Tilak Patel |
| Irene Jacob | Jordan Leyva | Stuti Mohan * | Yash Patel |
| Edward Jacoby | Da Wei Lin | Sydney Montalto | Welinton Paulino |

Ashwin Penumetch
 Jason Perez
 Joshua Perez
 Ethan Peterson
 George Petrillo
 Joseph Phan
 Megan Polozzo
 Maryrose Polperio
 Patrick Polus
 Luke Pothén
 Noam Preil
 Michael Ptak
 Areej Qamar *
 Nicholas Quitoni
 Ariella Quizhpi
 Mahdhi Rab
 Nafisa Rahman
 Shah Rahman
 Isha Rai *
 Vibhat Rai
 Daren Rakowski
 Juan Ramirez
 Kelly Ramirez
 Anna Ramos
 Matthew Zonji Ramos
 Siddharth Rana
 Tanay Rana
 Vivek Rana
 Gabriel Rapoport
 Mohammad Raza
 Esau Razac
 Corbin Reifschneider
 Saul Revollo
 Sebastian Reyes
 Alexander Reynaga
 Bahilma Ricardo
 William Richards
 Eliyahu Richter
 Jeffrey Riffel
 Pamela Rijo Reyes
 Arnoldo Rivera
 Emily Rivera
 Xavier Rivera
 Kevin Rivero
 Julio Robles
 Benjamin Rofail
 Larry Rojas Perez

Nolan Rollison
 David Romero
 Darryl Rose
 Anubhab Roy *
 Lucas Ruczynski
 Brandon Ruffini
 Matthew Ruffolo
 Cesar Ruiz
 Justin Ruiz
 Michael Ruzzi
 Dylan Ryan
 Kirlus Saad
 Mahmoud Saad
 Bishoy Saber
 Yusuf Sahin
 Fady Said
 Levi Salas
 Erik Saldana
 Farah Saleh
 Yousif Saleh
 Karl Sales
 Tiffany Salverredy
 Abida Samiha
 Kevin Samraj *
 Carlos Sanchez
 Daniel Santos
 Dorian Santos
 Daniel Sarzynski
 Emad Sawaged
 Joseph Schaedler
 Neven Scherrer
 Anneliese Schmidt *
 Mark Schultheis
 Paul Sclafani
 Cooper Seise
 Marvin Shafik
 Darshiben Shah
 Jaisheel Shah
 Ruchi Shah *
 Shayan Shahid
 Amr Shahine
 Zayd Shaikh *
 Farhan Shairy
 Mohammad Shaker
 Tyler Shaughnessy
 Ronit Sheth
 Hong Zheng Shi
 Selma Shifa

Haresh Shiwcharan *
 Ivan Siguencia
 Marcello Silva
 Theodore Sims
 Ajayvir Singh
 Harshveer Singh
 Alexander Sloan
 Brenden Smith
 Nikolai Sokiran
 David Solano
 Henry Solano
 Enis Sonmezer
 Danial Spall
 David Sprague
 Joseph Stately
 Evangelos Stathopoulos
 Zachary Steves
 Hwa-Lyang Sugihara *
 John Sumba-Sumba
 Nicole Szponar
 Joshua Szymanski
 Ummehani Talukdar
 Brian Tanculski
 Allyson Tarifa
 Angel Teixeira Da Silva
 Thiago Teixeira
 Amil Thaha
 Varsha Thampi *
 Charles Thelusma
 Stephen Timoldi
 Vincent Torio
 Albert Torres-Rivas
 Harrison Tracy
 Jessica Trofinoff
 Brandon Tulenko
 Jordan Tulkis

Christopher Urena
 Tyler Vagueiro
 Ronald Valencia
 Francisco Vazquez
 Gilberto Vega
 Jonathan Ventura
 Juliana Villamor
 Adithya Vinod *
 Giovanni Visbal
 Dat Vo
 Sebastian Vogel
 Joey Vukdedaj
 Rebecca Warga
 Fumiyoshi Washino
 Dylan Wiczerzak
 Antonio Wilkinson-Cheeks
 Paul Wojtowicz
 Alex Wolosiuk
 Kai Wong
 Kevin Wong
 Alexander Wu
 Christopher Yan
 Ivan Yeddu
 Marcus Yosif
 Andrew Youssef
 Manuel Yunes
 Abanoub Zaher
 Moataz Zayed
 Paula Zugasti



J. ROBERT AND BARBARA A. HILLIER COLLEGE OF ARCHITECTURE AND DESIGN

Hillier College of Architecture and Design carries as its symbol a representational column head, the classic denotation of the discipline which is used throughout the college. It is shown on a field of blue violet, the academic color, and bears the year designation of 1973.

Joaquin Acuna
Omar Ahmed
William Aldana
Kanwal Alvi
Arben Ardolic
Isaiah Bazan
Angelina Bocklage
Lucas Brill
Vishnavi Budati
Thomas Burtone
Emily Byun
Nicole Campos *
Edison Cheng
Kamil Ciemierkiewicz
Sean Culleton
Ozara Dalgo
Kaisha Dufresne
Lodie Elmarry
Samuel Fakeh
Tatiana Florexil
Jennifer Garcia
Eric Garzillo
Jackson George
Steven Ghobrial
Alexandra Goodwin
Felipe Grajales
Snigdha Gupta *
Christopher Hasenkopf *
Rashmi Hazarika

Selvia Hennes
Erica Hilado
Alyssa Hong
Tiffany Hu
Sean Jaeger
Lyndon Johnston
Eaman Kaddour
Shubhan Kannepalli
Blayne Keenan
Zara Khan
Seoyeon Kim
Christopher Knight
Alyssa Laurenciana
Aalayah Lavender
Bryant Loaiza
Dominic Lombardi
Jaileen Lorenzo
Tyler MacEwen
Litzzy Martinez-Ruiz
Freddy Maya
Seth Medina
Fransiel Melo Tejada
Akash Mishra
John Mossawir
Angelina Mota
Layla Neira
Ankita Nelakonda
Kevin Nguyen
Najalee Nunez
Julia Okon

Juan Ordonez
Daniella Passarelli
Brylene Persons
Esteffany Pitti
Abigail Prall
Nia Quigley
Mulaika Qureshi
Heather-Anne Rabanes
Zachary Radler
Krsto Radulovic
Valeria Ramirez-Salcedo
Faith Ramos
Waldy Rodriguez
Gregory Rovinsky
Sohaib Safri
Maegan Santos
Amir Shad
Dhwani Shah *
Nadeen Sharabi
Shaden Shejaeya
Deepkamel Singh
Jaxon Smit
Elizabeth Stoganenko *
Damian Summers
Jacob Swanson *

Cheann Takii
Acewin Tam *
Jay Thaker
Tejasi Thool
William Totten *
Kathy Trinh
Kanishka Tyagi
Francesca Mae Valdez-Tan
Angelica Valinoti
Gabriella Verdejo
Maureen Waweru
Adam Wierzgala
Nolan Wollmer
Chloe Yang
Nicholas Zanghi



COLLEGE OF SCIENCE AND LIBERAL ARTS

The College of Science and Liberal Arts is identified by a lamp, another medieval symbol, commonly seen as a source of intellectual, moral and spiritual illumination. The white and gold of the banner encompasses both arts and letters and theoretic and applied aspects of science. The college was organized as a degree-granting entity in 1982.

| | | | |
|--------------------|----------------------------|-------------------------|--------------------|
| Marina Abdelmaseh | Evyn Garcia | Allan Mwirigi | Mustafa Shaikh * |
| Sarah Abdul * | Matthew Gendy | William Nagie | Casey Sheridan |
| Natalie Ableson | Julian Girault | Rafy Nakhla | Muneeba Siddiquie |
| Salwa Abouhillal | Christian Gonzalez | Alan Nguyen * | Matthew Skalny |
| Ridaa Alam * | Mekhi Gray | Aamna Noor | Shanaya Sood |
| Alex Amato | Naomi Groeger | Jason Ong | Ivannah Sosing |
| Apoorva Amudhan * | Aryana Hall | Michelle Park | Raquel Suarez |
| Daniel Angeles | Alexander Hanna * | Aashna Patel * | Aalia Subhan |
| Matthew Antor | Christine Hanna * | Shely Patel | Malaika Syed |
| Dania Ayala | Arslan Hashmi | Shivani Patel | Lindsey Syrek |
| Joseph Ayoub * | Christina Hermansen * | Frank Patti | Aqsa Tanveer |
| Anika Barnes * | Isabella Heyaime | Julia Pelesz | Lynn Tarng |
| Jay Bengu | Logan Hone | Mellina Perez Vieta | Christine Tawfik |
| Emma Bitar | Kaelyn Hulick | Emily Perez | Andrew Thomas |
| Emiliano Caballero | Mirna Israel | Kaitlyn Pinto | Jack Tokuda |
| Gregory Chacon | Sebastian Izquierdo | Grace Plummer | James Tondt |
| Emaan Cheema | Nikola Jakimoski | Julia Polecki * | Mohammed Uddin * |
| Evan Chen | Adhish Kadam | Ariela Ponti | Brian Varela-Prado |
| Carmen Cheung | Merna Kaleny | Grace Rachko * | Revanth Vejju * |
| Andreea Chirica * | Danyal Kamal | Adhithya Rajasekar * | Melanie Weaver |
| Sagnik Chowdhury * | Skyler Kapel | Prithvi Rajbabu | Zoe Welch |
| Sebastian Chung | Meer Kenia * | Briana Ramirez | Kathryn Wulf |
| Logan Cohen | Aisha Khan * | Peter Rashed | David Youssef * |
| Emily Corcoran * | Maanasi Kondai * | Raniya Rehman | Rachel Youssef |
| Jared Cordova | Sahitya Kulkarni * | Isaiah Rejouis | Victoria Youssef |
| Zaid Dabbas | Kyla Lannert * | Senganne-Ahmed Richards | Anas Zia |
| John Dabrowski | Sean Larmore | Ashley Rodriguez | |
| Rhema Dadala * | Olivia Laudicino | Aracelli Saguil | |
| Darshan Danak * | Anthony Lechich | Yukthi Sangoi * | |
| Elza Dedelli | Hunter Lehman | Mira Sapozhnikov * | |
| Daniella Delgado | Semmet Letizia | Upendra Vinaya Varma | |
| Samy Dob | Elizabeth Litwinko | Saripella * | |
| Junwei Dong | Jeffrey Luk * | Michael Schober * | |
| Matthew Dono | Arushi Mandal * | Mariam Sedrak | |
| Joel Duzha | Giovanni Martinez-Gonzalez | Sylvia Sedrak | |
| Alani Edmonds | Gabriel Masarwa | Arthanious Shafik * | |
| Fatimah El-Bekasi | Madeline Miller | Esha Shah * | |
| Tarek Elzomor * | Sadia Mohiuddin | Naomi Shah * | |
| Kermina Eskandar | Mariam Mohsin * | | |
| Zahra Farhat | Kenneth Moise | | |
| Rivka Farrell | Mark Mosaad * | | |
| Alejandro Flores | Liam Murray | | |
| | Sania Murtuza | | |



MARTIN TUCHMAN SCHOOL OF MANAGEMENT

The American eagle in flight is the pictorial representation of the School of Management, symbolizing vision, control and integrity. Often depicted on coinage and currency, the eagle enjoys a historical tie to business and management and is shown against light brown, the academic color of its discipline. The school was founded in 1988.

Omar Abuattieh
Muhammad Afzal
Marco Aiello
Kaitlyn Arias
Ian Atkins *
Tarish Bentil
Christabel Rose Bhaskar
Samuel Bishara
Jackson Bowie
Kevin Calle
Katherine Castano-Villar
Rithvik Ram Chirumamilla
Joyce Choi
Garret Clausen
Joseph Craska
Nathalie Cruz
Fady Demian
Jaden Dixon
Sandra Dzhambazov

Henry Emanuel
Nicholas Ericson
Cole Fleming
Sharif Fouda
Jake Fullerton
Dillon Gebler
Rohith Gowrisankar
Maxwell Gregorio
Peter Habib
Myles Hickey
Zy'Fere Hughes
Yanni Kalas
Alex Kaplun
Aidan Kidd
Ziheng Ma
Norberth Majdanski
Perla Malki
Sarah Masoud
Raghav Mehta

Siddhanth Modi
Anjali Nimmala
Blandino Olivero
Aaron Park
Dev Rakesh Patel
Manan Patel
Caden Pellito
Andrea Perez
ZhiYing Piao
Marcus Plaza
Santiago Ramirez
Uriel Reboseno
Rejin Reji
Marco Rodriguez
Krish Rupapara
Shresht Singh Saini
Shalom Salvi
Julian Santiago
Nikhil Sathi

Ryan Schilling
Emrehan Seferoglu
Meha Shah
Raya Shamilov
John Shukur
Damien Socolich
Maksim Sokolov
Andrew Standen
Elley Torres
Juan Uribe
Isaac Vanzomeren
Joseph Veneri
Carlos Vergara
Brandon Wasitowski
Sydney Watson
Kyle Whitaker
Shadi Yakoup
Bryce Zell



ALBERT DORMAN HONORS COLLEGE

Albert Dorman Honors College, represented by a scroll, was established in 1993. The college aims to inspire and prepare NJIT Honors Scholars to succeed through the highest standards of personal and academic achievement.



YING WU COLLEGE OF COMPUTING

The College of Computing is represented as a circle of five segments symbolizing computing as an academic discipline that connects and enriches all disciplines. The light blue background signifies computing as a distinct discipline in its own right, while the colors in the circle represent the other academic disciplines. The college opened its doors in 2001.

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| Mohamed Abada | Grace Burke * | Dario D'Iapico | Kareem Hegazy |
| Haneen Abdallah | Nicholas Burns | Jaimaan Dinker | Justin Hoffmann |
| Mohammad Abdulazeez | Naithen Byju | James DiPrimo | Michael Holland |
| Akram Abounaja | Jose Cabrera | Lorenzo Ditaranto | Anthony Iannuzzelli |
| Janrey Abrea | Julia Cacoilo | Daniel Ditta | Yasir Iqbal |
| Zaid Abu Jumaiza | Robert Cajucom | Joseph Dorazio | Jillian Jacinto * |
| Tanvir Ahmed | Michael Capetillo | Ryan Downey | Abduljabbar Jag |
| Mohamed Akash | Adelson Carrillos | Jonathon Drake | Abdulrehmaan Jag |
| Peter Akdemir | Johanson Caverly | Gabriel Duarte | Christopher Jenkin |
| Sebastian Alcock * | Matias Chacon | Joshua Dunn | Sarswat Jha |
| Aaron Alemi | Nicholas Chan | Patricia Dzwil * | John Joseph |
| Fahad Ali | Dhruv Chaudhry | Stephen Ebrahim | Simran Kahlon |
| Loni Alnor | Hamza Chaudry | Naim El Youssoufi | Jennifer Kane |
| Nathaniel Alper | Sai Vishal Chinta | Steven Escano | Justin Kang |
| Omar Alsabbagh | Melody Chirinos | Fizah Fahad | Ahmet Kaplan |
| Bryan Amador | Nikita Choudhary | Tyler Feret | Ruby Kapoor * |
| Roberto Ambrocio Jr. | Samin Chowdhury | Elizabeth Finnegan * | Thomas Kataryniak * |
| Divjot Anand | Dawid Ciemielewski | Nhanmo Flomo | Simran Kaur * |
| Moksha Annigeri * | Spencer Clarke | Abdul Lateef Fnu * | Jack Kelly |
| Joseph Antonucci | Brendan Clayton | Ethan Forrest | Ali Khan |
| Erantha Arachchi | Dylan Clerigo | Andrew Fuentes | Danial Khan |
| Dzejla Arapovic | Nyla Connally | Hiromasa Fujita | Farooq Khan |
| Jose Arbelo | Thomas Connors | Michael Gallo | Sheharyar Khan |
| Anish Arjula | Nilmo Contreras | Marco Garcia Clemente | Arsalan Khawar |
| Derek Arustamyan | Jeremy Convocar | Justin Gehy | Soumya Khera |
| Adrian Aska | Jason Cordova | Brendan Geissel | Akul Khugher |
| Curtis Asral * | Andrew Corrado | KellyAnne George | Sungho Kim |
| Hareem Awan | Lauren Coste | Kal Gilliam | Daniel Kirsch |
| Jaime Azcona | Ricardo Cotzomi | Joseph Giordano | Joshua Kobuskie * |
| Rayaan Azmi * | Zoe Coughlan * | Rafael Girgis | Kenan Kocoglu |
| Safiullah Baig | Megan Curry | Joshua Gomez | Aayush Kumar |
| Aiden Ban | Nicolas Da Silva | Stever Gomez | Avinash Kumar * |
| Sheyla Banda | Aidan Dadiz | Alejandro Gonzalez | Ashley Kurnit |
| Marwan Baroud | Rishik Danda * | Cindy Gonzalez | Ava Kwan |
| Matthew Barrera * | Nour Aliman Dandan | Davis Gonzalez | Stephen Kymn |
| Brian Bates | Sonia Daneshwar | Cristopher Guaman | Dustin La |
| Alexander Bauman | Aron Dardouri | Daniel Guarino | Joseph LaBarbera |
| Christian Benavente | Luke DaSilva | Tanner Guld * | Jordyn Lacayanga |
| Anthony Betkowski | Angelina Marie De Guzman | Nicholas Gutierrez | Carlos Layme |
| Francesco Bettinardi | Hope De Jesus | Michael Halaj | Tommy Le |
| Jason Bilawsky | John Rafael de los Reyes | Ryuuta Hamayama | Julian Lechner |
| Okyere Boateng | Alexander DeJesus | Ian Hanna | Joseph Lechuga |
| Shreya Bose | Manal Desai * | Maidah Haseeb | Jae Woo Lee |
| Collin Brennan | Manesh Desai | Tevin Hayes | Uladzislau Lenko |
| Brian Brisson | Tapasya Dhobley | Harold Haynes | Joseph Less |
| Clement Bruel | Keya Dhruve | Joseph Heaney | Alexander Levin |

| | | | |
|---------------------|----------------------|----------------------|-------------------------------|
| Samuel Levshteyn * | Samantha Paradero | Charles Romanowski | Leslie Tepale |
| Amanda Li | Jaewoo Park | Raphael Roxas | Arya Thaker |
| Rodrigo Lisboa | Yoon Park | John Rubio | Vidhi Thakker |
| Livia Loi | Sahil Parmar | Nicholas Russo | Andrew Thissen |
| Kai Lopez | Evan Pascual | Adrianna Rust | Yosuke Tobe |
| Caleb Maggio | Gabriel Pascual * | Michael Ryan | Joshua Vinchal Torres |
| Ali Mahin | Helly Patel | Patricia Ryan | Rajan Tripathi * |
| Nicholas Malefyt | Jay Patel | Hrshikesh Sakunala | Rushi Trivedi |
| Eshika Malgari | Jimitkumar Patel | Karim Salem | Ilayda Turkmen |
| Vinay Mallipudi | Krishang Patel | Frank Santomauro | David Turon |
| Aman Mangukiya | Rushi Patel | Ronald Sarcauga | Teyon Tyree |
| Nicolas Marin | Sarang Patel | William Schmidt | Krystian Tywanek |
| Joseph Marquez * | Tejkumar Patel | Garrett Schoenfelder | Nuha Uddin |
| Daniel Marriello | Vashu Patel | John Scognomillo | Nese Us |
| Prithvi Marupilla | Vivek Patel | Gabriel Seedhom | Daniel Valencia |
| Priscilla Maryanski | Vraj Patel | Carlos Sellan | Mythreya Vangapandu * |
| Abraham Matalon | Neel Patil * | Swarnali Sen | Guilherme Vilatoro Taglianeti |
| Pedro Mauna | Manwinder Paul | Rahul Shah | Carolina Villa |
| Breckin Mazzoni | Demetris Perdikos | Shriya Shah | Jeannine Villa |
| Ann Marie Mejia | Matthew Perez | Vikas Shah | David Villafranca |
| Christopher Mejia | Nicholas Perri | Vraj Shah | Amanda Vogt |
| Ebram Mekhail | Bovan Phillips | Musa Shaikh * | Alekhya Vuntla |
| Jason Mercedes | Edwin Pierre | Nikita Shaji | Muhammed Wadud |
| Joshua Mirandilla | Gabriel Pineda | Neha Shirwalker * | Ahad Waseem |
| Rutujit Mishra | James Pineda | Bernard Shuravesky | Meredith Westrich * |
| Shiva Modugu | Gavin Pinto | William Simkins | Andre Williams |
| Burhanuddin Mogul | Courtney Pobol | Cooper Simon | Donovan Wong |
| Andrea Molinet | Smriti Poovannan * | Akshitha Singathi * | Kevin Wood |
| Raymond Moody | Vincente Prata | Gian Singh | Kelly Wu |
| Adriana Morales | Nigel Pressey | Gunraj Singh | Nicholas Xavier |
| Michaela Moran | Bartosz Protasewicz | Gurdeep Singh | George Yakoubian |
| James Morantus | Joshua Quizon | Karnveer Singh | Namitha Yalla * |
| Lascelles Morrison | Arij Qureshi * | Mantaj Singh | Burak Yesil |
| Joseph Muszynski | Wajeesh Qureshi | Nikhil Singh | Eric Yi |
| Gautham Nagarajan * | Brandon Rabbitt | Sandeep Singh | Fred Yi |
| Siddharth Nair | Rahi Rahman | Natalia Smith | Woojeong Yoo |
| Mason Naphtali | Joel Ralph | Morgan Soliven | Johnny Yu |
| Aryan Nesti | Adam Ramsey | Shaili Soni * | Philip Yung |
| Hieu Nguyen | Mihir Rana | Josh Alexar Soriano | Elias Zakarrya |
| Loi Ngo Duc Nguyen | Siddh Rana | Hailey Spahiu | Sean Zamora |
| Christian Nicodemus | Yashi Rastogi | Kripa Sridhar | Jeffrey Zhang |
| Phillip Nissen | Naman Raval | Aditya Srinivas | Jason Zheng |
| Iwinosa Obasuyi | Vishal Ravikumar | Thomas Srsich | Samson Zheng |
| Saipranith Oku | Elijah Reed | Daniel Sternberg | Sihua Zhou |
| Ethan Ortega | Logan Reyes | Advaith Subramanian | Alexander Zugaj |
| Jossue Ortiz | Brian Reynoso | Sahasranamam | |
| Yousif Osman | Ivan Rivera | Meet Suhagiya | |
| Seniz Ozdemir | Anderson Rodriguez | Ritika Suresh | |
| Metin Ozgur | Andrew Rodriguez | Zain Syed | |
| Kauvya Palle * | Daniel Rodriguez | Omar Talaat | |
| Alianna Panganiban | Rafael Rodriguez | Mustafa Teber | |
| Daniel Panzarelli | Alin Rodriguez-Gomez | Justin Tecson | |

As of September 3, 2020

Alma Mater

To Alma Mater fair and great
our voices now we raise
our gratitude we demonstrate
your steady voice we praise
your challenge on us never fails
a world of knowledge calls
in heart and mind our trust we'll bind
to our NJIT
We'll hold your memory ever dear
your spirit we'll revere
to you we'll promise loyalty
our own NJIT



History of NJIT



The New Jersey Institute of Technology that we know today has a rich history with its beginnings developing from the industrial age. Like many of the port cities around the world, the Newark of the late 19th century was a thriving industrial center. Its factories churned out thread, metals, paints and leather goods. In Newark, Thomas Edison set the stage at his Ward Street factory for his later astounding achievements, and Edison rival Edward Weston established the first factory in the United States for commercial production of dynamo electric machines.

On March 24, 1880, the Essex County Assemblyman in the state Legislature introduced “An Act to Provide for the Establishment of Schools of Industrial Education.” The Newark Board of Trade sponsored the bill. The Act established three schools of industrial education: one in Newark, one in Trenton and one in Hoboken. The first Board of Trustees met July 1, 1884. The Newark Technical School opened Monday, February 9, 1885 with 88 students who attended despite a terrible snowstorm.

The first class, mostly evening students, attended classes in a rented building at 21 West Park Street. Soon the facility became inadequate to house an expanding student body. To meet the needs of the growing school, a second fundraiser — the institution’s first capital campaign — was launched to support the construction of a dedicated building for Newark Technical School. In 1886, under the leadership of the school’s dynamic first director, Dr. Charles A. Colton, the cornerstone was laid at the intersection of High Street and Summit Place for the three-story building later to be named Weston Hall in honor of the institution’s early benefactor. A laboratory building, later to be called Colton Hall, was added to the campus in 1913. Daniel Hodgdon served as the director of Newark Technical School from 1918 to 1920.

Under Dr. Allan R. Cullimore, who led the institution from 1920 to 1949, the modest Newark Technical School was transformed into the robust Newark College of Engineering. Campbell Hall was erected in 1925. During the lean years of the Depression and World War II, only the former Newark Orphan Asylum, now Eberhardt Hall, was purchased and renovated by the college.

The postwar period was one of enormous activity during which President Cullimore — like today’s post-Cold War university presidents — challenged the college to turn “war-time thinking into peace-time thinking.”

In 1946, about 75 percent of the freshman class had served in the armed forces. Robert W. Van Houten was acting president of NJIT from 1947 until 1950 when the board of trustees named him president. Cullimore Hall was built in 1958 and two years later the old Weston Hall was razed and replaced with the current seven-story structure. Doctoral-level programs were introduced and six years later, in 1966, an 18-acre, four-building expansion was completed. William Hazell succeeded Dr. Van Houten as president of NJIT in 1970.

In 1973, with the addition of the New Jersey School of Architecture, the institution had evolved into a technological university, emphasizing a broad range of graduate and undergraduate degrees and dedication to significant research and public service. A stronger-than-ever Newark College of Engineering remained intact, but a new university name — New Jersey Institute of Technology — signified the institution’s expanded mission.

A broadened mission called for the creation of a residential campus. The opening of NJIT’s first dormitory, Redwood Hall, in 1979 began a period of steady growth that continues today. Under the leadership of Saul K. Fenster, who served as president of NJIT from 1978 to 2002, four new schools were established at the university: the College of Science and Liberal



Arts in 1982; 1982; the School of Management in 1988; Albert Dorman Honors College in 1995; and the College of Computing Sciences in 2001. During the administration of Robert A. Altenkirch, New Jersey School of Architecture was reconstituted as the College of Architecture and Design in 2008.

Under the leadership of Joel S. Bloom, NJIT completed the first phase of the Gateway Project in 2013, including the creation of Warren Street Village, a three-acre, mixed-use residential housing complex that added 600 beds to NJIT's existing inventory of residential housing. The complex includes the Honors College Residence Hall and five duplex homes for NJIT's Greek organizations, as well as dining services, a convenience store and fitness center for the university community.

On April 13, 2017, more than 200 students, alumni, faculty, staff and friends of the university witnessed the official ribbon cutting of the renovated Central King Building, part of a campus transformation designed to enhance the student experience and solidify NJIT's position going forward as one of the nation's leading public polytechnic universities. On November 10, 2017, NJIT cut the ribbon for the 220,000-square-foot Wellness and Events Center.



NJIT Today

As New Jersey's public polytechnic university, New Jersey Institute of Technology (NJIT) has earned a reputation as one of the nation's pre-eminent STEM-focused educational and research institutions. The university consistently is ranked among the highest in the United States for return on investment (ROI) for its graduates and ranks No. 1 nationally for student upward economic mobility, according to *Forbes*. NJIT's economic impact on the State of New Jersey exceeds \$2.8 billion each year, supporting more than 17,370 jobs and generating employment income of \$956 million.

NJIT recently earned the distinction of being designated an "R1" research university by the Carnegie Classification®, which indicates the highest level of research activity. NJIT is one of only 131 universities nationally and just three in New Jersey to achieve this recognition.

With six colleges, 50 undergraduate degree programs, 68 graduate degree programs (including 20 programs leading to a Ph.D. degree in a professional discipline), and over 100 specialized laboratories and research centers, NJIT is home to more than 11,000 students and over 440 full-time and over 400 adjunct faculty members. The university maintains a student-to-faculty ratio of 16 to 1. Almost all of NJIT's faculty hold the highest degree in their respective fields.



NJIT is a driving force behind a large number of technology- and innovation-based enterprises, as well as a wide range of business and industry public-private partnerships that have a significant impact on the economies of the state and the region. NJIT's New Jersey Innovation Institute (NJII) was established in 2014 to work directly with business, industry and government for economic development. Now in its sixth year of operation, NJII conducts more than \$80 million in economic development activities annually. NJIT also is home to VentureLink, a business incubator and accelerator. NJIT currently has 222 unexpired U.S. patents, 24 pending U.S. non-provisional applications, eight international (PCT) applications and 23 provisional applications, one of which is under conversion to a non-provisional application.

On July 1, 2015, NJIT introduced its *2020 Vision-A Strategic Plan* to chart the university's course during the second decade of the 21st century. It is the product of diverse perspectives, an exceptional breadth of talent and deep concern for all aspects of the university's mission. The five core strategic priorities are:

1. **Students** – To support and increase the number of high-achieving students who graduate
2. **Learning** – To provide a challenging, hands-on and relevant curriculum
3. **Scholarly Research** – A commitment to national and international preeminence and industry engagement (New Jersey Innovation Institute)
4. **Community** – To engage locally, regionally and globally
5. **Investments** – To fund a complete spectrum of resources including human, capital and physical infrastructure

Following ongoing assessment of its programs, NJIT announced its next strategic plan on June 30, 2020. The plan, *Building on a Strong Foundation—NJIT 2025*, includes revised vision, mission and core values that build on the successes of *2020 Vision* and were developed with the participation of the entire NJIT community. Visit njit.edu/strategicplan/njit-2025 to learn more.

NJIT's commitment to its students ensures that they have a full spectrum of the highest-quality educational, social and infrastructural resources necessary to be successful both in and outside of the classroom. For this reason, the university continues to deliver on its program of faculty renewal and capital investment aimed at meeting the needs of our growing student population and at giving students the edge they need in today's demanding high-tech marketplace.

NJIT also makes significant contributions to the community through initiatives such as its \$1 billion Campus Gateway neighborhood redevelopment plan. Phase 1 was launched on April 25, 2018, which is helping to revitalize a 22-acre area adjacent to the university's campus. NJIT also supports the community through its annual Day of Service, Alternative Spring Break and numerous other community engagement service offerings that benefit the City of Newark and the State of New Jersey. This year, 3,704 students contributed 67,032 hours at 310 nonprofit agencies, communities and schools.



