New Jersey Institute of Technology

UNIVERSITY CONVOCATION

Wednesday, September 9, 2015
Program

Processional

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

National Anthem

Welcome to the Freshman Class

State of the University Address
Joel Stuart Bloom
President

Keynote Address
Owen Fitzgerald ’08

Recognition of Newly Promoted/Tenured Faculty
Vincent DeCaprio ’72
Vice Chair, Board of Trustees

Recognition of Awards

Alma Mater

Recessional
Award Recipients

Presidential Leadership Awards
John Canela ’15
Computer Science

Pitambar Dayal ’16
Biomedical Engineering

Excellence in Teaching Awards
Undergraduate Instruction, Upper Division
Ecevit Bilgili
Chemical, Biological and Pharmaceutical Engineering

Undergraduate Instruction, Lower Division
David Horntrop
Mathematics

Graduate Instruction
Edward Dreyzin
Chemical, Biological and Pharmaceutical Engineering

Instruction by a University Lecturer
Kyle Riismandel
History

Instruction by an Adjunct Professor
Daniel Kopec
College of Architecture and Design

Instruction by a Teaching Assistant
Regina Collins
Information Systems

Excellence in Teaching Honors Courses
Ellen Wisner
Biological Sciences

Excellence in Innovative Teaching
Davida Scharf
Humanities

Excellence in Research Awards
Tara Alvarez
Biomedical Engineering

Burt Kimmelman
Humanities

Songhua Xu
Information Systems

Overseers Excellence in Research Prize And Medal
Haimin Wang
Physics

Constance A. Murray Diversity Award
Jo-Ann Raines
Career Services

Panasonic Chair in Sustainability
Reggie Caudill
Management
Newly Promoted/Tenured Faculty

PROMOTED TO ASSOCIATE PROFESSOR WITH TENURE

Iulian Neamtiu
Computer Science

Chase Wu
Computer Science

Granted Tenure

Catalin Turc
Mathematics

Promoted To Professor

Maurie Cohen
Humanities

Edwin Hou
Electrical and Computer Engineering

Chengjun Liu
Computer Science

Zeyuan Qiu
Chemistry and Environmental Science

Horacio Rotstein
Mathematics

Mesut Sahin
Biomedical Engineering
Owen Fitzgerald was not only a top student in the Albert Dorman Honors College but a dedicated humanitarian. He graduated from the college in 2008 having won two major accolades: He was named the Outstanding Senior in his department—Engineering Technology—and the overall Outstanding Senior in the Newark College of Engineering, where he majored in Construction Engineering Technology. As a student, Owen took an early and ardent interest in humanitarian work. As president of the NJIT chapter of Engineers Without Borders, he led the group on its first trip to Milot, Haiti, where they assisted villagers in building and installing biosand filters in their houses that will help them access clean drinking water.

Upon graduation, Owen had a generous job offer from a top construction engineering firm, but he turned it down. Money was never his goal in life; helping people is his passion. Instead of taking the job, he booked himself a ticket back to Haiti to volunteer with a nonprofit organization working on water-filtration systems. When he returned from Haiti, he accepted an offer to serve in the Peace Corps as a water and sanitation volunteer in Mali, West Africa. While in Mali, he partnered with a local village to construct 1,000 latrines by hand and helped design and build the village’s first functioning deep-well. He also helped build an adult literacy school and an incinerator for a medical waste at a local clinic. He loved the villagers and they returned the sentiment many times over. He often played music with them, had tea and meals with them and was accepted by the villagers as one of their own. Even though he finished his service years ago, the villagers still maintain his hut, which he uses when he returns for visits. The people of Mali did not have material possessions, says Owen, but they had strong and loving human connections and the ability to enjoy the simple things in life.

After two years in Mali, Owen returned home to New Jersey and soon received an offer from a major construction firm to work as project engineer in Ghana, West Africa. This time, since it was in the continent he loves, he accepted the job and worked on a major project to overhaul a capital city’s sanitary sewer and stormwater drainage system.

Having lived almost four years in West Africa, and having traveled to more than 25 countries and 31 U.S. states and territories, Owen is now back on U.S. soil and is passionately applying everything he has learned to a different field: He is pursuing a graduate degree in theology, with a focus on interreligious dialogue. He hopes to continue in the line of bridge-building, but in a different light; being a bridge-builder to help promote interreligious and intercultural dialogue between people and nations. He never lost his humanitarian streak and his ardent desire to help people. “If I’m not helping people,” says Owen, “I don’t feel fulfilled.” And despite all his academic successes and his foreign travels, he continues to humbly remind people that he’s “just a kid.”
John Canela ’15
Computer Science

John Canela is an IT Engineer within Cisco’s Computer Security Incident Response Team who works to protect Cisco from cyber attacks and the loss of its intellectual assets. He recently graduated in May 2015 with a degree in IT Network Security and a minor in business. During his time at NJIT, John worked as an IT Technician, Resident Assistant, and as a mentor for freshmen within the Educational Opportunity Program.

He has held numerous leadership roles within several organizations on campus such as the Inter-Varsity Christian Fellowship, the Society of Hispanic Professional Engineers, the Institute of Electrical and Electronic Engineers and Residence Life. John is known for his “go-getter” attitude, high level of integrity, and his passion for serving others.

Pitambar Dayal ’16
Biomedical Engineering

Pitambar Dayal is a biomedical engineering student in the Albert Dorman Honors College who has demonstrated the ability to excel academically, as evidenced by his 3.97 GPA. He serves as the current President of the Honors Student Council and is an Ambassador to the Biomedical Engineering Department.

Pitambar is currently working for the Lisa A. Pierce Center for Leadership as a leadership trainer, where he designs and facilitates workshops on various leadership skills to his peers. He also is a member of Omicron Delta Kappa, which is the National Leadership Honor Society. His other achievements include placing first with his team at the National Microsoft and UAF Hackathon, as well as third place in the TechQuest Innovation Challenge.
Excellence in Teaching Awards

Undergraduate Instruction

Upper Division

Ecevit Bilgili
Associate Professor, Department of Chemical, Biological and Pharmaceutical Engineering

Dr. Ecevit Bilgili, the recipient of this year’s award for Upper Level Undergraduate Instruction, was hired in the Chemical, Biological and Pharmaceutical Engineering department because of his expertise in particle and nanoparticle technology and its applications to pharmaceutical processing. He came to NJIT after having worked in that industry for several years. Dr. Bilgili has made significant contributions to his area of expertise. His work is of the highest quality; he is well-respected, well-known and highly appreciated by his peers. Since he started teaching at the department, he proved also to be an extremely conscientious, effective and knowledgeable instructor. His success comes not only from his intimate familiarity with the subjects that he teaches. Beyond that expertise, he combines meticulous preparation with intensity, passion and enthusiasm for the topics that he covers. He is a rigorous and demanding instructor and he challenges his students to achieve the highest level of proficiency in his class without being overbearing or unreasonably harsh. His students speak glowingly of him as an adviser and a role model. Dr. Bilgili is an extremely dedicated, competent, well prepared and very well organized instructor who takes his teaching job very seriously and achieves impressive educational results in all the classes that he teaches.

Undergraduate Instruction

Lower Division

David Horntrop
Associate Professor, Department of Mathematical Sciences

In his 14 years in NJIT’s Mathematical Sciences Department, Dr. David Horntrop has developed a reputation as a passionate educator, who gives copiously of his time and is dedicated to the success of his students. Since 2010, he has coordinated the numerous sections of Calculus I and II, revamping the curriculum and overseeing exams and recitations. Dr. Horntrop also advises undergraduate math majors and has been co-PI on two National Science Foundation grants that bring undergraduate students into applied mathematical and computational research. Through these projects, he has mentored many students in research that has been presented at professional conferences and published in journals. Dr. Horntrop has developed numerous courses, mostly in the area of stochastics, and led development of new degree programs at the undergraduate and graduate levels.

Dr. Horntrop promotes a love of learning and an enthusiasm for the subject matter by being meticulously prepared and enthusiastic while providing clear rules and setting high but attainable academic standards. These efforts make for a “classroom atmosphere that is conducive to participation and learning.” Students appreciate that “he consistently breaks complicated material into easy-to-learn steps” and teaches students “to see problems from different perspectives.” As one notes, “It is impossible to sit through his class without learning.”
GRADUATE INSTRUCTION

Edward L. Dreyzin
Professor, Department of Chemical, Biological and Pharmaceutical Engineering

A faculty member at NJIT since 1999, Edward Dreyzin migrated in 2008 from the Department of Mechanical Engineering to the Department of Chemical, Biological and Pharmaceutical Engineering, where he is renowned for his mastery of subject matter, notably in the fields of energetic materials and metal combustion. Very active in research, Dr. Dreyzin has published extensively—over 30 articles in the past two years, a number of them co-authored with his students. He has supervised 17 doctoral dissertations, 11 master’s theses and seven postdoctoral trainees. He maintains an unusual focus on teaching for someone so active in research and is known for a dynamic classroom style that emphasizes student presentations and peer review. Students appreciate his meticulous class notes and slides distributed as handouts.

For Dr. Dreyzin, the highest reward in teaching is when a student “gets” something they didn’t understand before. This student-centered approach results in extremely high student evaluations; he has scored above 3.7 out of 4 in over half his classes since 2001. While grounding students in the natural sciences and acquainting them with science and energy resources, his goal is to encourage the critical thinking and questioning that allow students to “think beyond what appears possible.”

INSTRUCTION BY A UNIVERSITY LECTURER

Kyle Riismandel
University Lecturer, Federated Department of History

Dr. Riismandel joined NJIT in 2010 as an adjunct professor and became a lecturer in the Department of Humanities in 2012. In this relatively short time, he has made a lasting impression on his colleagues and students as an extraordinarily gifted and caring teacher. He sees teaching as a process of helping students develop, and his philosophy emphasizes student engagement, individual and personal attention, constructive and detailed feedback, and mentorship. His students comment on how engaging and interesting his classes are, his high knowledge levels that are matched by an equally high energy level, and his focus on developing critical thinking by providing meaningful learning experiences.

Dr. Riismandel’s colleagues comment on his passion for teaching and his willingness to take on additional responsibilities, such as student advisement. He is widely recognized as someone who can connect with students and make meaningful contributions to their intellectual and personal development. Dr. Riismandel has been recognized by CSLA for his teaching excellence and we are delighted to extend that honor by recognizing him for excellence in teaching in the category of university lecturer.
INSTRUCTION BY AN ADJUNCT PROFESSOR

Daniel Kopec  
Adjunct Professor, College of Architecture and Design

Since 2008, Dan Kopec has played a major role in the School of Architecture, College of Architecture and Design, not only in teaching courses across the curriculum but in reinventing many of them. Early in his teaching career at NJIT, he was asked to coordinate the first-year undergraduate design studios and also to teach the two course sequence in Environmental Control Systems, an area of his specialized expertise. In taking on these tasks, Dr. Kopec essentially rewrote the curriculum for 16 of the architecture program’s 96 credits, an extraordinary contribution for an adjunct instructor. He is widely regarded as one of the most competent faculty in the technical areas.

As one student notes, Dr. Kopec “turns mundane subjects into interesting ones while making fascinating subjects clear and accessible.” He is equally valued by students for his qualities of compassion, kindness and modesty. Students cite his ability to motivate them and help them develop confidence in themselves and their design abilities. As he explains in his statement of educational philosophy, this empathy stems from an allegiance to the pedagogy of the great Brazilian educator Paulo Freire, who argues, “What the educator does in teaching is to make it possible for the students to become themselves.”

INSTRUCTION BY A TEACHING ASSISTANT

Regina Collins  
Teaching Assistant, Department of Information Systems

It is a special point of pride that this year’s Excellence in Teaching Award winner in the Teaching Assistant category, Dr. Regina Collins, is herself a product of an NJIT education, having earned her bachelor’s, master’s and doctoral degrees at this university. As a Teaching Assistant in the Information Systems Department, Dr. Collins builds on her own student experience to create a student-centered classroom in which active learning strategies foster engagement and excitement. As Dr. Collins explains, “Teaching is not a race in which the last chapter of the syllabus is the finish line. Teaching is about encouraging and guiding students to become my intellectual peers through their own exploration and construction of knowledge. My role as a teacher is to facilitate learning so that my students become the future subject matter experts.”

In their evaluations and letters of support, student after student attests to the success of this approach, praising Dr. Collins for her ability to motivate and empower—for her skill in explaining complex concepts by using everyday examples, her patience, unfailing good humor, and, not least, her “genuine concern” for their advancement. As one student writes, speaking for many, “She is one of the best teachers I have ever had in my life.”
EXCELLENCE IN TEACHING HONORS COURSES

Ellen Wisner
University Lecturer, Federated Department of Biological Sciences

Ellen Wisner is being honored for her exceptionally innovative and effective teaching in three undergraduate biology courses that she specifically designed to engage and challenge students in NJIT’s Albert Dorman Honors College. A passionate scientist in her own right, Wisner is devoted to undergraduate education and committed to nurturing a passion for science in her students.

“The goal of college is to learn how to learn,” she writes. “Many of my students have succeeded in past biology courses by memorizing, but students must learn to apply, synthesize and analyze information.” Building on the maxim that the best way to learn is to teach, in her Ecology and Evolution course Dr. Wisner has Honors students create new case studies—and teach their cases to others: “This semester-long development of a case helps students gain knowledge of a topic of their choosing, fosters critical thinking skills, and improves their oral and written communication skills.”

Wisner guides students as they develop hypotheses and then design and carry out their own experiments. “Giving students control of what they learn…not only makes them feel more connected to the material, but enables them to develop a more realistic view of what scientists do,” she explains. Students particularly note her exceptional approachability, dedication, and passion for teaching and that she “is the standard by which we judge other professors.”

EXCELLENCE IN INNOVATIVE TEACHING

Davida Scharf
Director of Reference, Robert W. Van Houten Library

Dr. Davida Scharf, this year’s recipient of the Excellence in Teaching Award for Innovative Teaching, has been the Director of Reference and Instruction at NJIT’s Van Houten Library for over a decade. In this capacity, she has made it her mission to promote information literacy as a core competency at NJIT and to bring information literacy formally into the undergraduate curriculum. Recognizing that many students did not have the appropriate skills to conduct research, Dr. Scharf first sought to develop a separate course to teach these skills. However, adding another GUR was not feasible and so rather than giving up, she worked through the Humanities Department to develop the Research Roadmap project embedding information literacy skills in HUM 101 and 102, classes that all freshmen take. Under her leadership, this research component brings librarians into NJIT classrooms, about 50 sections each semester, and includes individual consultations with students, essentially, as one letter of support notes, “flipping the library.”

Student feedback indicates that they feel this component of the course is worthwhile and that they learn to “understand what real research is.” Dr. Scharf also played an important role in developing NJIT’s “Institute Information Literacy Plan” and has published and presented widely in this area.
Haimin Wang

Physic

The Board of Overseers Excellence in Research Prize and Medal is presented in recognition of a sustained record of contributions that have enhanced the reputation of NJIT. This year, we honor Distinguished Professor Haimin Wang, whose work is emblematic of the convergence of life science and engineering and whose conduct personifies the best attributes of NJIT.

Haimin Wang is a leading expert in observational solar flare research with a focus on the areas of evolution of magnetic fields associated with flares. He is currently the Chief Scientist of Big Bear Solar Observatory (BBSO) and Director of the Space Weather Research Lab in the Center for Solar-Terrestrial Research.

In 2013, Dr. Wang was appointed by NASA to lead the funded Living with a Star Flare Focus Team, involving scientists from Stanford, NASA and NCAR. He also headed an international network containing nine observatories to monitor the Sun 24 hours a day in Hydrogen Alpha, a key international facility in space weather research.

Dr. Wang received his B.S. from Nanjing University in 1982 and obtained his Ph.D. under the supervision of Dr. Hal Zirin of Caltech in 1988, with research at Big Bear Solar Observatory. In 1995, he joined NJIT as an assistant professor and was promoted to associate professor in 1997, professor with tenure in 2000 and distinguished professor in 2004.

He has served as a referee for funding agencies such as NSF and NASA and major journals such as Nature, Astrophysical Journal and the Journal of Geophysical Research and on the science advisory committees for major instruments such as SOLIS and DKIST in the U.S. and the 8-m giant solar telescope in China. He has about 250 peer-reviewed journal publications with over 6,000 citations and has graduated over 20 Ph.D. students. He also has trained over 20 post-docs, 10 of whom obtained tenure-track faculty positions in several countries and four of whom were winners of the prestigious NSF CAREER Award.

Dr. Wang played a crucial role in NJIT’s acquisition of BBSO from Caltech in 1997 and subsequent research efforts. He has obtained over 60 federal grants totaling over $25 million as a PI or Co-PI and has been funded as a Guest Investigator of all recent major solar-related NASA missions: CGRO, Yohkoh, SOHO, TRACE, RHESSI, Hinode, STEREO and SDO.
Constance A. Murray Diversity Award

Jo-Ann Raines
Director of Student and Alumni Career Development

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. Like Constance Murray herself—with whom she collaborated on ground-breaking initiatives in support of NJIT women—Jo-Ann Raines has devoted her life to enhancing opportunities for others, especially women and underrepresented minorities. Over the last 26 years, she has compiled a record of significant and sustained achievement in fostering diversity in the university community, both within and beyond her formal role as NJIT’s Director of Student and Alumni Career Development.

Not long after arriving at NJIT in 1989, Raines joined with Murray and other pioneering women in establishing the first-ever on-campus organization devoted to advancing women staff and faculty: a local chapter of the American Council on Education (ACE) Network. Raines was one of the leaders in ACE-Net’s subsequent effort to create a formal organizational structure to support NJIT women: the Committee on Women’s Issues (CWI), established as a presidential advisory committee in 1992 by President Emeritus Saul K. Fenster as a central element of his “Decade of the Woman at NJIT.” An active member of the CWI/CWL since its inception, she has helped lead the successful 1995 CWI effort to establish a women’s center named for Murray and has been a strong supporter of the Murray Center for Women in Technology for the last 20 years.

In 2002, Raines assisted then CWI Co-Chair, the late Dean Anne Wiley, in writing Celebrating Women at NJIT, a crucial CWI report on the status of women staff and administrators over the previous decade. From 2002 through 2004, she served as CWI Co-Chair, helping to launch a series of brown-bag lunch seminars designed to provide training, career enhancement, and personal growth for NJIT women. She led CWI efforts to increase opportunities for women on campus and conducted reviews of university policies on sabbaticals and family leave, and assessed the child care needs of NJIT faculty, staff and students. Raines has served as Co-Chair of the new CWL Partners in Success Program. Under her leadership, the Partners Program assists recently hired staff to become acclimated to the organizational culture of NJIT.

Within her formal position, she has done groundbreaking diversity work as well, creating enhanced career opportunities for underserved populations. From 1989 to 1998, she served as director of NJIT’s Career Advancement Program designed to give at-risk students resources needed for academic success. Through her efforts, women and underrepresented minorities achieved a retention rate as high as 83 percent. In addition to her local work at NJIT, she has been active regionally and nationally in efforts to advance women and underrepresented minorities, especially in STEM disciplines.
Reggie Caudill  
*Dean, School of Management*

Reggie J. Caudill, Ph.D. was named dean of the NJIT School of Management in June 2015. Since assuming the role of interim dean in September 2014, Caudill has led the SOM faculty initiative to develop the 2015 SOM Academic Plan, which provides a roadmap toward the future goals and expectations of the school to clearly differentiate its programs, leverage strengths across the university and align directly with the NJIT mission and 2020 Vision strategic priorities. He also guided the hiring of two new assistant professors to strengthen core disciplinary areas within the school and support new strategic research directions.

Dr. Caudill previously served as chair of the Department of Mechanical and Industrial Engineering; executive director of the Multi-lifecycle Engineering Center; and as executive director of the Center for Manufacturing Systems. He has authored or co-authored over 100 technical and scientific publications and served as chair of the IEEE Technical Committee on Electronics and the Environment, as well as conference and program chair for international symposia and conferences related to sustainability. He has also served as a member of the advisory committee for New Jersey’s Clean Energy Manufacturing Fund.

He earned his bachelor’s degree in mechanical engineering and his master’s degree in engineering mechanics from the University of Alabama and his Ph.D. in mechanical engineering from the University of Minnesota.
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.

Ahmed Abdalla  
Jousiana Abdalla  
Adam Abdelrazek  
Mark Abdelshahed  
Corey Abma  
Orlando Abregu  
Christian Abreu  
Edwin Acosta  
Paul Adeeji *  
Tyler Adelmann  
David Aguirre  
Giovani Aguirre  
Saad Ahmad  
Sahar Ahmed  
Sarah Ahmad  
Steven Akdemir  
Muhammad Akhtar  
Taiga Akiyama  
Irem Akpinar  
Kim Alansigan  
Khalil Alaqrabawi  
Dominick Arnaldo  
Roaan Arshad  
Domenick Arsi  
Emily Artley  
Vincent Asante-Nyame  
Raphael Asfour  
Andrew Atalla  
Daniel Atencio  
Rozana Atieh  
Ahmed Awad  
Kerlos Awad  
Taha Awan *  
Ege Ayan  
Mehmet Aydin  
Randy Azzam  
Yasin Baala  
Ana Badilla  
John Badiola  
Gabriel Baez  
Roy Baker *  
Nicole Baldassini *  
Bryan Bang  
Montana Barrall *  
Michael Barrera  
Mitchell Bartram  
Colin Bayne *  
Avery Bechtel  
David BenZeuz  
Omar Benhamed  
Sherry Bentley  
Yash Bhardwaj *  
Sayali Bhujbal  
Veronica Bigham  
Jacob Blaustein  
Maame Boakye-Yiadom  
Jay Bober *  
Patricia Bobila *  
Michael Boktor  
Eric Borbely  
Timothy Bott *  
Abanoub Boules  
Darion Boyd  
James Brancale *  
Tyler Brandow  
Gloria Brewer  
John Brito  
Markary Brota  
Matthew Brown  
Yaritza Brown  
Gianni Brunetti  
Oliver Budd  
Matthew Burger  
Robert Burghart *  
Brendan Burke  
Francis Cabrera  
Samantha Cadac *  
Jan Aira Calalo  
Jonpierre Calva  
Vanessa Camargo  
Justis Campbell  
Joseph Campomizzi  
Jonathan Cao  
Luke Carpenter  
Giani Carter  
Muhammad Carvan *  
Fanes Casimir  
Zachary Castagna  
Christopher Castro  
Miguel Castro  
Can Ceylan  
Dhruv Chachra  
James Chan  
Kocheng Chan  
Kevin Chauca  
Rachel Cherniak *  
Kiersten Chesonis  
Anthony Chirayath *  
Yuna Cho  
Jacob Choe  
Mizan Chowdhury  
Connor Chumacas  
Katherine Ciclara *  
Joseph Cichino  
Matthew Cieri  
Rocco Cioffi  
Thomas Ciulla  
Flaviano Claudio  
Raphael Cobarrubias  
Duron Coles  
Nicholas Concepcion *  
Gopi Contractor  
Katherine Coombs  
Salvatore Cordaro *  
Jason Cornick  
Joshua Corineli  
Joshua Coronel  
Emily Cort  
Cameron Cronk  
Brad Csorny  
Justis Cupid  
Andre Da Silva  
Joseph D'Addesa  
Milan Dalal  
Austin Dalton  
Tess Dalton *  
Ashesh Dalwadi  
Ryan Daly  
Alex Danielson  
Ryan Darrow  
Katrina David *  
Edward Dawson  
Gregory De Biasio  
Mark De Pacina  
Christina De Ramos  
Michael Decaprio *  
Tristan Decker *  
Ivan Dediego  
Christophe Delente  
Lokesh Desai  
Ryan Desai  
Matthew DiJesus  
Marie Antionette Dizon  
Michael Dolegiewitz *  
Justin Domo  
Jared Dompree  
Akash Dontamsetty *  
Ryan Dorival  
Nithin Dronavalli  
Christian Dudka  
Bao Duong  
Amaru Duran  
Kevin Dzioba  
Elmar Ebrahim *  
Carlens Edouard  
Nolan Egan  
Benjamin Eisenberg  
Edidiong Ekong  
Emerald Ekong

*Albert Dorman Honors College
Mahmoud Elashri
Hassan Elkhoga
Andrew Elrose
Amir El-Zagbah
Tyler Embree
Peter Eskander
Wissam Esmail
David Espejo
Jorge Espinoza
Andre Esteves
Christopher Eugenio
Ashley Evans
Evan Everett
Peter Eskander
Wissam Esmail
David Espejo
Jorge Espinoza
Andre Esteves
Christopher Eugenio
Amira Feknous *
Edith Feliz
Heidi Fergus
Erik Fernandez
Wilberto Fernandez
Eddie Filipovic
Romario Flores
Sergio Fonseca
Connor Ford
Jackson Fordham
William Forrester
Samuel Foster
Shaun Freire
Nicolas Fuentes-Zuluaga
Shouri Fukura
Carmelo Gabayeron
Brian Galvin
Rohan Gandhi
William Gao *
Sawyer Gara
Adrian Garcia
Alejandro Garcia
Jose Garcia
Ricardo Garcia
Sarah Garcon
Harshita Garg
Adam Gargiulo *
Joseph Gasbarro
George Gayed
Matteo Gencarelli
Thomas Geoghegan
Christian George
Kevin George
Marc Gerardo
Danial Ghali
Chloe Giannone
Christopher Gibbons
Sumra Gili
Nicholas Gjini
Williar Gilmniene
Akhay Gobind
Brett Goldstein
Jesus Gonzalez
Yandy Gonzalez-Acevedo
Calvin Gould
John Greco
Tyler Green
Christopher Guardia
Carlo Gulotta
Irvin Guzman
Aron Gyorgygal
Olivia Hadlaw *
Syed Haider *
Shane Halevi *
Vasilios Halkias
Mahmoud Hamdan
Tyler Hamilton
Daniel Han
Alexander Hanna *
Salwa Hanna
Emad Haque *
Michael Haraka
Rowan Harcourt-Brooke *
Daelyn Harris
Jhahir Harris
Kedric Hart
Abdullah Hassan
Mathew Herbert
Olvis Hernandez
Timothy Hesson
Kasey Hickey *
Liam Hickey
Logan Hiers-Evans
William Hochman
Steven Hollister
Brian Hontiveros
Neil Hoogmoed
Tyrese Hopkins
John Horch
Joseph Hurlburt
Rafiq Hussein
Rohithllamparithi
Katharine Ilyutovich
Jay Inamdar
Zachary Inselberg
Titiara Iryb
Emmanuel Isons
Neha Jagtap *
Shivani Jaisinghani
Sylvia Janiak
Wajid Javed
Donte Jean-Pierre
Gabriela Jedryczka
Matthew Jeffers
Jaydin Jennings
Ben Jensen
Dinesh Jeyarajah
Mark Johnson
Kristen Jones
Naveen Kamath
Christopher Kang
Adithya Kannan *
Robert Kaplan
Jonathan Katsman
Chirag Kaul
James Kellihier
Sean Kessell *
Farkhod Khikmatov
Hunter Kieran
Duho Kim
Jesse Klein
Valentin Kokonozi
Timothy Koppisch
Rachael Koumentis
Safiya Kozi
Erik Kral
Ian Kremen
Gage Kristanda
Matthew Krisanits
Joseph Kugelman
Soen Kumar
David Kveton
Dongjin Kwak
Steven La
Brandon Lachapel
Ghiday Lamptey
Francis Lao
Adrian Laskowski
Christian Lee
Samuel Lehman
Jhoel Lemos
Joseph Leon
Jonathan Leung
Jacob Lewis
Joseph Li
Steven Li *
Maria Lima
Sebastian Lima
Eric Liotta *
Neema Liverpool
Shane Logue *
Brandon Lokshin
Miguel Lopes
Danny Lopez
Kenny Lopez
Alexander Lorenzo
Monica Lotfy
Eryk Luczynski
Nathanael Luna
Olivia Lupinska
Mateo Luzuriaga-Guaman
David Macchiavera
Victor Machado
Anthony Macias
John Madaras
Summer Madkour
Nicholas Magro
Manuel Maldonado
Karen Mandarina
David Mandel
Reaz Mangar
Jared Mann *
Prarthana Manoj Rajai
Kendrick Manzano
Nicholas Maranca *
Manuela Marin
Richard Marrone
Evan Martin
Caitlyn Martinelli
Bryan Martinez
Takafumi Mashiko
Tarun Masimukku *
Maksymilas Maslak
Daniel Massaro
Michael Massi
Ted Matchett
David Matuszewski *
Steven May
Brooke McGee
Timothy McGrogan
Andrew McKenna
Tyler McLucas
Andres Mcrea
Connor McVey
Omowumi Mebude
Tejesh Mehta
Andrew Meiners
Charles Meissner
Michael Mejia
Gabriela Melendez
Alberito Mendez
Raul Menendez
Carson Metzker *
Steven Meyer
Samantha Miccio
Walter Mielarczyk *
Moamen Mohamed
Rizwan Mohammed
Derek Mol
Jessamine Mombay
Alex Moncada
Christian Moreira
Christopher Morris *
Arman Moussavi
John Muradeli
Luis Murillo
Christopher Murphy
Sarah Murteira
Sean Mutel
Mark Naguib
René Nainan
Keisetsu Nakamura
Malik Naloev
Daniella Nammour
Kamrun Nasa
Brian Naula-Maldonado
Cole Nelson
Rivka Newmark
Andrew Nguyen
Dustin Nguyen
Adriana Nieto
Antonio Nigro
Giovanna Nolan
Jonas Noll
Julio Nunez
Patrick Nuss
Sara Nwéiran
Clinton Chisom Nwokike
Aakib Obaid
Ronald Ocampo
Peter O’Connor *
Timothy O’Donnell
Ayotunde Ogunsami
Ryan Onove
Richard Oppong-Manu
Kharee Owens
Edwin Padilla
Marcus Padilla
Andrew Paguntalan
Steven Palacios
Jacob Palmieri
Sohum Pandey *
Zachary Pansini
Vidhi Parekh
Edward Parks
Armand Pascual
Ianiz Patchedijev *
Dhru Patel
Dhruvin Patel
Jaydev Patel
Karn Patel
Kishan Patel *
Neal Patel
Nishil Patel *
Savan Patel
Shivan Patel
Shrey Patel
Tej Patel
Aditya Patwardhan
Caleb Pawelski
Ronel Peguero
Kevin Pemberthy
Christian Penaranda
André Peralta Hernandez
Jonathan Perez
Lucas Perez
Kayla Perez-Vega
Brianna Perry
Troy Peterson
Matthew Petrula *
Ashley Pettingill
Marc Pfister
Jake Pizzolla
Christian Pignataro
Jose Plascencia
Emanuel Polanco
Benjamin Polus
Giancarlo Porto
Christopher Prasek
Marc Presa
Gregory Puccio
Alexander Puchalski
Keyra Pulliam
Jonathan Racki *
Blake Rader
Ana Radovic
Aris Rafael
Layal Ragi
Harini Rajashekar *
Richard Rakus *
Anna Therese Ramirez
Daniel Ramirez
Laura Ramirez
Brandon Ramkellawan
Yash Rana
Harshit Ratanpara *
Ryan Rattazza *
Daniel Rauscher
Matthew Reda *
Andrew Redondo
Malik Reese
Juan Regalón
Sean Regan
Emran Reshid
Austin Reyes
Luke Rezk
Kenneth Ribbecke
Andre Ribeiro
Thomas Rice
Benjamin Richards
Ngawang Rinchen
Dhuliana Rivera
Victor Rivera
John Roa
Onjasie Rodgers
Andy Rodriguez
Endrick Rodriguez
Isaac Rodriguez
Nikki Rodriguez *
Ruben Rojas
Yuëssa Rojas
Bryan Rosario
August Rosenberger
Joshua Ross
Kevin Ross
Diana Rubulotta *
Michael Russell
Samuel Saint-Preux
Jhon Salcedo
Nicholas Salerntano
Adrien Salvador
Mishak Sam-Hinton
Francisco Sanchez
Ramone Sangster *
Richard Santana
Joel Santana Marte
Alexis Santiago
Javier Santiago
Marco Santos
Marlyn Santiago
Chris Sarango
Alvin John Sarmiento
Dillon Sarran
Christopher Saulys
Brij Savla
Richard Sawires
Aamir Sayed *
Nicholas Scarpola
Leon Schneider
Graydon Scofield-Swartz
Zachary Seegers
Jordan Segura
Bryan Seren
Axel Serrano
Nasser Shabir
Arjav Shah
Eshita Shah
Haar Shah
Jugal Shah
Yashkumar Shah
Yonatan Sheer
Abanoub Shehata
Hassan Sheikh
Elizabeth Sheridan
Jake Sheridan
Mansi Sheth *
Emily Shibata
Casey Shoundy *
Matthew Shpiruk *
Victor Shhtanko
Mustafa Siddiq
Jacob Sieber
Jason Singh *
Raj Vardhan Singh
Rajvir Singh
Sukhdeep Singh-Kular
Noble Skariah
Carlos Skerrett
Jeffrey Skros *
Cody Smith
James Smith
Shamel Smith
Adam Solomon *
Keisha Sonpon
David Sosa-Coba
Nicolas Soto
Nuh Speed *
Kadeem Spencer
Adithi Sridhar
Ashutosh Srivastava
Caroline Staniewski
Tyler Stevenson
Alexander Stiers
Brian Stith
Eduard Stoyko *
Tyler Strong
Sean Sung
Jigar Surati
Roocha Surma *
Andrea Sutton
Matthew Sweet *
Timothy Tan *
Brandon Tango
He-Ning Tao
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.
COLLEGE OF SCIENCE AND LIBERAL ARTS

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.
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.

Albert Dorman Honors College
The 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.
The College of Computing Sciences 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.
Wyatt Peters  
Patrick Pfleger  
Jacob Ponulak  
Francesco Primerano  
Julia Prokofieva  
Zachary Quagliotti  
Paul Quintana  
Ranika Rafer  
Priyadharshini Rajabu  
Johnny Ramirez  
Nicolas Ramirez-Diaz  
Kevin Rana  
Vrajesh Rana  
Andrew Resaul  
Nicholas Reynolds  
Angel Rivera  
Javin Rodriguez  
Angel Rosado  
Crossley Rozario  
Hikmat Sabeh  
Murad Salameh  
Talha Saleem  
Ramon Salvador  
Charles Sanchez  
Elmer Sanchez  
Joshua Sanderson  
Bikramjeet Sandhu  
Nicholas Schiliro  
Thomas Schlein  
Jerry Scirica  
Rachel Selsky  
Akassh Shah  
Foram Shah  
Henil Shah  
Meet Shah  
Shikha Shah  
Beshoy Shokralla  
Tejveer Singh  
Adeel Sohail  
Shantanu Sood  
Jailene Soto  
Isaac Stevenson  
Russel Tagaca  
Nicholas Tinebra  
Eric Tober  
Erikson Tocol  
Hing-Ting Benson Tsang  
Jake Tucker  
Daniel Valinotti  
Joshua Vega  
Srivardhan Velagapudi  
David Villa  
Richie Vo  
Nikhileshwarananda  
Vummadi  
Muhammed Waggeh  
Andrew Wahrmann  
Nah’Ray Walker-Pierson  
Reilly Walsh  
Julian Whitt  
Michael Williamson  
Grace Young  
Jin Su Yu  
Martin Zakrzewski  
Fayaz Zaman  
Devon Zhen  
Edwin Zhou  
Christian Zoufaly

As of September 1, 2015
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
The New Jersey Institute of Technology 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 on July 1, 1884. The Newark Technical School opened on Monday, February 9, 1885 with 88 students who attended despite a severe 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 “wartime thinking into peacetime 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; the School of Management in 1988; Albert Dorman Honors College in 1994; 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.

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.
One of the nation’s leading public polytechnic universities, New Jersey Institute of Technology (NJIT) prepares students to be leaders in the technology-dependent economy of the 21st century. The university’s multidisciplinary curriculum and computing-intensive approach to education provide the technological proficiency, business know-how and leadership skills that future CEOs and entrepreneurs will need to succeed. With an enrollment of more than 11,000 undergraduate and graduate students, NJIT offers small-campus intimacy with the resources of a major public research university.

NJIT has earned national prominence by developing relevant academic programs taught by leading practitioners in their fields. Six specialized schools – College of Architecture and Design; College of Computing Sciences; College of Science and Liberal Arts; Newark College of Engineering; School of Management; and the Albert Dorman Honors College – offer bachelor’s, master’s and doctoral degree programs. Moreover, NJIT’s Career Development Services offers highly paid co-op and internship opportunities to provide students with an entrée into the workforce.

With 269 tenured or tenure-track faculty, the university maintains a student-to-faculty ratio of 18 to 1. NJIT also serves an ethnically diverse student body, ranking as a top 100 producer of minority science, technology, engineering and technology (STEM) graduates and a top 100 producer of degrees in engineering awarded to African-American and Hispanic students.

NJIT is named the best college value and is ranked in the top 10 percent for return on investment in the nation. The Bloomberg Businessweek survey of U.S. colleges ranked NJIT as one of the four best buys in New Jersey higher education. According to the Brookings Institution, NJIT is in the top one percent of colleges and universities in the U.S. for its occupational earnings power and NJIT alumni are among the top 10 percent of high earners for midcareer salaries. NJIT was ranked as a top national university by U.S. News & World Report and made the Princeton Review’s list of best 387 colleges in 2014.

Other rankings include: one of the top 25 public colleges in the nation, and one of the top 50 overall, to have a low student loan default rate (BestColleges.com); an “America’s Top College” and one of “50 College Gems With Bargain Tuitions, SAT Optional Policies and Openings” (Forbes.com); top 1 percent for return on investment and fourth in alumni midcareer earning potential among public research universities nationwide (PayScale.com); and third in New Jersey for highest return on investment (Affordable Colleges Online). In 2015, NJIT received the Innovation & Economic Prosperity University designation from the Association of Public and Land-grant Universities in recognition of the university’s strong commitment to economic engagement through entrepreneurship, technology transfer, talent and workforce development, and community development.

A strong applied research program is at the core of NJIT, with external research expenditures now exceeding $110 million. The university has over 25 dedicated outreach centers and laboratories from robotics to sustainable design to nanotechnology. The National Science Foundation ranks NJIT in the top 10 among universities whose main research is in engineering.

NJIT also offers Continuing and Professional Education including on-site corporate training, certificate, and degree programs. Featured programs include online master’s degrees in computer science, business administration, electrical, and civil engineering.

NJIT is committed to economic development for New Jersey and the region. In spring 2014, the university announced its new economic development venture – New Jersey Innovation Institute (NJII). This unique enterprise is comprised of Innovation Labs (iLabs) that follow industry-led agendas to spur product creation and enhancement, develop solutions for sectorwide or company-focused challenges, and serve as a catalyst for regional economic growth.