TANDON SCHOOL OF ENGINEERING

Tandon School of Engineering: Home (https://engineering.nyu.edu/)

Introduction

The New York University Tandon School of Engineering (formerly the Brooklyn Polytechnic Institute, the Polytechnic University, the Polytechnic Institute of NYU, the NYU Polytechnic School of Engineering, and now widely known as NYU Tandon) is the official engineering school of New York University. NYU Tandon School of Engineering, founded in 1854, is the nation's second oldest private engineering school. It is presently a comprehensive school of education and research in engineering and applied sciences, rooted in a 170-year tradition of invention, innovation, and entrepreneurship. It remains on the cutting edge of technology, innovatively extending the benefits of science, engineering, management and liberal studies to critical real-world opportunities and challenges, especially those linked to urban systems, health and wellness, and the global informational economy. In addition to its programs on the main campus in New York City at MetroTech Center in downtown Brooklyn, it offers programs around the globe remotely through its online courses. NYU Tandon School of Engineering closely connected to engineering in NYU Abu Dhabi and NYU Shanghai and to the NYU Center for Urban Science and Progress (CUSP) also at MetroTech, while operating four future labs in downtown Manhattan and Brooklyn.

History

Founded in 1854 as the Brooklyn Collegiate and Polytechnic Institute, the school originally educated young men, ages 9 to 22, and was located on Livingston Street in downtown Brooklyn. In 1889, the collegiate and preparatory departments separated, and the collegiate division adopted the name Polytechnic Institute of Brooklyn. The Institute, historically referred to as “Brooklyn Poly,” moved its campus to Jay Street in 1957. In 1961, it opened a Long Island campus in Farmingdale as a graduate and research center.

In 1973, the New York University School of Engineering and Science merged into Polytechnic and the school was renamed the Polytechnic Institute of New York. The Institute began offering undergraduate programs at its Long Island campus in 1974 and, in 1975, opened the Westchester Graduate Center in Hawthorne. As a result of institutional realignment, the Hawthorne campus was closed in August 2013, and the Long Island Campus was closed in May 2014.

In 1985, the New York State Board of Regents granted the institution university status and the official name became Polytechnic University.

The next 15 years saw a period of great activity as the University played a key part in the creation of MetroTech Center, a 16-acre, $1.5-billion university-corporate park, which was built around Polytechnic’s existing buildings and revitalized an area that had been in decline. Polytechnic updated its facilities, renovated its student-center building and built a new home for its library and for the Center for Advanced Technology in Telecommunications. The University also began to offer several programs in management of technology and financial engineering in the heart of Manhattan’s high-technology and financial district.

During this time, the University launched the Campaign for Polytechnic - Fulfilling the American Dream - to raise $275 million to transform itself into one of the nation's premier technological universities. In 1998, Polytechnic received a $175 million bequest from the estates of Donald F. Othmer, a longtime Polytechnic professor, and his wife, Mildred. At that time, it was the largest single cash gift ever made to a private American university. In 1999, Polytechnic received its second largest contribution from alumnus and former student of Professor Othmer, Joseph J. Jacobs, who gave $20 million.

In 2000, Polytechnic began construction on two new buildings on the MetroTech campus: the Joseph J. and Violet J. Jacobs Building, an eight-story academic and athletic facility with classrooms and laboratories and a full gymnasium; and the 20-story, 400-bed Donald F. and Mildred Topp Othmer Residence Hall, Polytechnic’s first on-campus residence hall in Brooklyn. Both buildings opened in summer 2002. Since that time, the NYU School of Engineering has expanded into all four sides of MetroTech, while enhancing its existing facilities.

In 2008 the University entered into a formal affiliation with New York University in recognition of the synergies between engineering, science, technology, medicine, dentistry, public policy, law and the arts. It became known as the Polytechnic Institute of New York University, or informally as NYU-Poly, the affiliation has further enhanced its capability to prepare leaders to address the challenges of the 21st century. In 2012, the Board of Trustees of NYU and the Board of Trustees of NYU-Poly voted for the institutions to undertake the final set of steps necessary to complete the merger and make NYU-Poly NYU’s School of Engineering. Key approvals from state and accrediting authorities subsequently kept the merger on track, and it was finalized as of January 1, 2014, at which point NYU-Poly became the newest school at NYU: the NYU Polytechnic School of Engineering. Thanks to a visionary and generous donation made in 2015, the NYU Board of Trustees made the decision to rename the school NYU Tandon School of Engineering. In 2022, the University demonstrated its commitment to growing engineering at NYU by publicly announcing a $1B long-term investment to increase tenured and tenure-track faculty by nearly 50%, fuel groundbreaking research, and expand lab, administrative, student, and experiential learning spaces in Downtown Brooklyn.

The NYU Tandon School of Engineering delivers programs on-site, online, and in hybrid modalities locally and globally. NYU Tandon students also have the ability to study abroad at NYU’s global sites and other affiliated international universities.

Mission Statement

To excel as a leading high-quality research university engaged in education, discovery and innovation with social, intellectual and economic impact in the New York region, the nation and the world.

To achieve this mission, we educate, discover and invent. We engage students seeking educational achievement and opportunity, faculty seeking excellence and relevance, and organizations seeking solutions and talent. We creatively bring intellectual rigor, technological innovation and a passion for science to the communities where we work and live and to the citizens of the world.

We innovatively extend the benefits of science, engineering, management and liberal studies to critical real-world opportunities and challenges, especially those linked to urban systems, health and wellness and the global information economy.

Our learning environment develops the skills to discover and invent, stimulates innovation and encourages entrepreneurship. We refer to this environment of invention, innovation and entrepreneurship as i²e.

It is what has produced generations of thought leaders and action-
oriented learners who are capable of thinking globally and across multiple disciplines.

Research at the NYU Tandon School of Engineering

The NYU Tandon School of Engineering offers major research programs in experimental, theoretical and computational areas, leading to significant contributions in the advancement of technology. The NYU Tandon School of Engineering faculty continue to excel as world leaders in areas that include power engineering, electromagnetics and wave propagation, wireless communication and networks, telecommunication and distributed information systems, cybersecurity, data management, software engineering and development, polymer chemistry and engineering, dynamical systems, smart materials, biomaterials, bioengineering, engineered interfaces, plasma science and technology, sensors and sensor systems, urban engineering relating to urban infrastructure, resiliency, and smart cities.

Global Outreach

In addition to its programs on the main campus in downtown Brooklyn, the NYU Tandon School of Engineering offers programs around the globe remotely through online courses. NYU Tandon School of Engineering is closely connected to engineering in NYU Abu Dhabi and NYU Shanghai as well as to the NYU Center for Urban Science and Progress (CUSP) also located in Downtown Brooklyn, while operating three innovation incubators. In addition, as discussed throughout, students and faculty enjoy many opportunities to take advantage of the resources and broader community in Manhattan at Washington Square and along the Medical Corridor on First Avenue and around the globe.

Programs

- Applied Urban Science and Informatics (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/applied-urban-science-informatics-ms/)
- Bioinformatics (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/bioinformatics-online-ms/)
- Biomedical Engineering (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/biomedical-engineering-ms/)
- Biomedical Engineering (PhD) (https://bulletins.nyu.edu/graduate/engineering/programs/biomedical-engineering-phd/)
- Biotechnology (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/biotechnology-ms/)
- Biotechnology and Entrepreneurship (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/biotechnology-entrepreneurship-ms/)
- Chemical Engineering (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/chemical-engineering-ms/)
- Chemical Engineering (PhD) (https://bulletins.nyu.edu/graduate/engineering/programs/chemical-engineering-phd/)
- Civil Engineering (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/civil-engineering-ms/)
- Civil Engineering (PhD) (https://bulletins.nyu.edu/graduate/engineering/programs/civil-engineering-phd/)
- Computer Engineering (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/computer-engineering-ms/)
- Computer Science (PhD) (https://bulletins.nyu.edu/graduate/engineering/programs/computer-science-phd/)
- Computer Science Tandon (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/computer-science-tandon-ms/)
- Construction Management (Advanced Certificate) (https://bulletins.nyu.edu/graduate/engineering/programs/construction-management-advanced-certificate/)
- Construction Management (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/construction-management-ms/)
- Cybersecurity (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/cybersecurity-ms/)
- Electrical Engineering (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/electrical-engineering-ms/)
- Electrical Engineering (PhD) (https://bulletins.nyu.edu/graduate/engineering/programs/electrical-engineering-phd/)
- Emerging Technologies (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/emerging-technologies-ms/)
- Environmental Engineering (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/environmental-engineering-ms/)
- Environmental Science (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/environmental-science-ms/)
- Executive Construction Management (Advanced Certificate) (https://bulletins.nyu.edu/graduate/engineering/programs/executive-construction-management-advanced-certificate/)
- Financial Engineering (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/financial-engineering-ms/)
- Human-Centered Technology, Innovation & Design (PhD) (https://bulletins.nyu.edu/graduate/engineering/programs/human-centered-technology-innovation-design-phd/)
- Industrial Engineering (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/industrial-engineering-ms/)
- Integrated Design and Media (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/integrated-design-media-ms/)
- Management of Technology (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/management-technology-ms/)
- Mathematical Sciences (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/mathematical-sciences-ms/)
- Mechanical Engineering (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/mechanical-engineering-ms/)
- Mechanical Engineering (PhD) (https://bulletins.nyu.edu/graduate/engineering/programs/mechanical-engineering-phd/)
- Mechatronics and Robotics (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/mechatronics-robotics-ms/)
- Traffic Engineering (Advanced Certificate) (https://bulletins.nyu.edu/graduate/engineering/programs/traffic-engineering-advanced-certificate/)
- Transportation Systems (MS) (https://bulletins.nyu.edu/graduate/engineering/programs/transportation-systems-ms/)
- Transportation Systems (PhD) (https://bulletins.nyu.edu/graduate/engineering/programs/transportation-systems-phd/)
- Urban Systems (PhD) (https://bulletins.nyu.edu/graduate/engineering/programs/urban-systems-phd/)

Interdisciplinary Program

The Tandon School of Engineering and School of Law offer the following interdisciplinary program:

- Cybersecurity Risk and Strategy (MS) (https://bulletins.nyu.edu/graduate/law/programs/cybersecurity-risk-strategy-ms/)
Accreditation
All NYU Tandon PhD, MS, and Advanced Certificate programs are accredited by the Middle States Commission on Higher Education (https://www.msche.org/) and are registered with the New York State Education Department (https://www.nysed.gov/).

Faculty

A

Amine Aboussalah
Industry Assistant Professor
Finance and Risk Engineering, Tandon School of Engineering

Greg Aloupis
Industry Professor
Computer Science and Engineering, Tandon School of Engineering
Doctorate (Academic), McGill University

Ahmed Ansari
Industry Assistant Professor
Technology, Culture and Society, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Carnegie Mellon University

Jennifer Apell
Assistant Professor
Civil and Urban Engineering, Tandon School of Engineering
Doctorate (Academic), Massachusetts Institute of Technology

Stephen Arnold
Professor
Applied Physics, Tandon School of Engineering
Doctorate (Academic), CUNY

Boris Aronov
Professor
Computer Science and Engineering, Tandon School of Engineering
Doctorate (Academic), New York University

Seyed Farokh Atashzar
Assistant Professor
Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), University of Western Ontario

Eray Aydil
Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), University of Houston

B

Jonathan Bain
Professor
Technology, Culture and Society, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), University of Pittsburgh-Pittsburgh Campus

Kurt Becker
Professor
Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Universiteit des Saarlandes

Rakesh Behera
Industry Associate Professor
Mechanical and Aerospace Engineering, Tandon School of Engineering

Doctor of Philosophy (Ph.D.), University of Florida

Joshua Bennett
Industry Associate Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering

Jabril Bensedrine
Industry Associate Professor
Technology Management and Innovation, Tandon School of Engineering

Barry Blecherman
Industry Professor
Finance and Risk Engineering, Tandon School of Engineering
Doctorate (Academic), University of Pennsylvania

Joseph Borowiec
Industry Professor
Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctorate (Academic), Polytechnic University

Tega Brain
Industry Associate Professor
Technology, Culture and Society, Tandon School of Engineering
Master of Arts (M.A.), Queensland University of Technology

Jack Bringardner
Industry Associate Professor
Tandon School of Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), The University of Texas at Austin

Andre Butler
Industry Professor
Civil and Urban Engineering, Tandon School of Engineering
Yi-Jen Chiang  
*Associate Professor*
Computer Science and Engineering, Tandon School of Engineering  
Doctorate (Academic), Brown University

Lawrence Chiarelli  
*Industry Professor*
Civil and Urban Engineering, Tandon School of Engineering  
Doctorate (Professional)

Anna Choromanska  
*Assistant Professor*
Electrical and Computer Engineering, Tandon School of Engineering  
Doctorate (Academic), Columbia University

Joseph Chow  
*Associate Professor*
Civil and Urban Engineering, Tandon School of Engineering  
Doctorate (Academic), University of California-Irvine

Dariusz Czarkowski  
*Professor*
Electrical and Computer Engineering, Tandon School of Engineering  
Doctorate (Academic), University of Florida

Michael D'Emic  
*Industry Associate Professor*
Technology Management and Innovation, Tandon School of Engineering  
Doctor of Philosophy (Ph.D.), National University of Ireland, University College Cork

Nirod Das  
*Associate Professor*
Electrical and Computer Engineering, Tandon School of Engineering  
Doctorate (Academic), University of Massachusetts Amherst

Kristen Day  
*Professor*
Tandon School of Engineering, Tandon School of Engineering  
Doctor of Philosophy (Ph.D.), University of Wisconsin, Milwaukee

Francisco De Leon  
*Professor*
Electrical and Computer Engineering, Tandon School of Engineering  
Doctorate (Academic), University of Toronto

Rebecca Delker  
*Industry Assistant Professor*
Chemical and Biomolecular Engineering, Tandon School of Engineering

Peter Depasquale  
*Industry Associate Professor*
Computer Science and Engineering, Tandon School of Engineering  
Doctor of Philosophy (Ph.D.), Virginia Polytechnic Institute and State University

Ratan Dey  
*Industry Assistant Professor*
Computer Science and Engineering, Tandon School of Engineering  
Doctor of Philosophy (Ph.D.), New York University

John Di Bartolo  
*Industry Professor*

Applied Physics, Tandon School of Engineering  
Doctorate (Academic), University of Virginia-Main Campus

Nicholas A. Dizinno  
*Industry Professor*
Mechanical and Aerospace Engineering, Tandon School of Engineering  
Doctorate (Academic), Polytechnic School of Engineering

Brendan Dolan-Gavitt  
*Assistant Professor*
Computer Science and Engineering, Tandon School of Engineering  
Doctorate (Academic), Georgia Institute of Technology-Main Campus

Graham Dove  
*Industry Assistant Professor*
Technology Management and Innovation, Tandon School of Engineering  
Doctor of Philosophy (Ph.D.), City University London

Michael Driscoll  
*Industry Associate Professor*
Technology Management and Innovation, Tandon School of Engineering  
Master of Business Administration (M.B.A.), Polytechnic Institute of New York University

Roger Dubois  
*Associate Professor*
Technology, Culture and Society, Tandon School of Engineering  
Doctorate (Academic), Columbia University in the City of New York

Deangela Duff  
*Industry Professor*
Technology, Culture and Society, Tandon School of Engineering  
Master of Fine Arts (M.F.A.), Maryland Institute College of Art

Vikram Duvvuri  
*Industry Associate Professor*
Applied Physics, Tandon School of Engineering  
Doctor of Philosophy (Ph.D.), University of Chicago

Jeff Epstein  
*Industry Associate Professor*
Computer Science and Engineering, Tandon School of Engineering  
Master of Philosophy (M.Phil.), University of Cambridge

Semih Ergan  
*Associate Professor*
Civil and Urban Engineering, Tandon School of Engineering  
Doctorate (Academic), Carnegie Mellon University

Elza Erkip  
*Professor*
Electrical and Computer Engineering, Tandon School of Engineering  
Doctorate (Academic)

Rose Faghih  
*Associate Professor*
Biomedical Engineering, Tandon School of Engineering  
Doctor of Philosophy (Ph.D.), Massachusetts Institute of Technology

Chen Feng  
*Assistant Professor*
Civil and Urban Engineering, Tandon School of Engineering
Doctorate (Academic), University of Michigan-Ann Arbor

Teresa Feroli
Associate Professor
Technology, Culture and Society, Tandon School of Engineering
Doctorate (Academic), Cornell University

Scott Fitzgerald
Industry Associate Professor
Technology, Culture and Society, Tandon School of Engineering
Master of Professional Studies (M.P.S.), New York University

Juliana Freire
Professor
Computer Science and Engineering, Tandon School of Engineering
Doctorate (Academic), Stony Brook University

Jean Gallagher
Professor
Technology, Culture and Society, Tandon School of Engineering
Doctorate (Academic), City University of New York Graduate School and University Center

Carla Gannis
Industry Professor
Technology, Culture and Society, Tandon School of Engineering
Master of Fine Arts (M.F.A.), Boston University

Bruce Garetz
Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic), Massachusetts Institute of Technology

Siddharth Garg
Associate Professor
Electrical and Computer Engineering, Tandon School of Engineering
Doctorate (Academic), Carnegie Mellon University

Guido Gerig
Professor
Computer Science and Engineering, Tandon School of Engineering
Doctorate (Academic), Swiss Federal Institute of Technology ETH Zürich

Masoud Ghandehari
Professor
Civil and Urban Engineering, Tandon School of Engineering
Doctorate (Academic), Northwestern University

Regine Gilbert
Industry Assistant Professor
Technology, Culture and Society, Tandon School of Engineering
Master of Business Administration (M.B.A.), University of Phoenix

Danya Glabau
Industry Assistant Professor
Technology, Culture and Society, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Cornell University

Allan Goldstein
Senior Lecturer
Technology, Culture and Society, Tandon School of Engineering

Master of Arts (M.A.), Cuny, School of Professional Studies

Rachel Greenstadt
Associate Professor
Computer Science and Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Harvard University

Nikita Grigoryev
Industry Assistant Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering

Nikhil Gupta
Professor
Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctorate (Academic), Louisiana State University

Areezo Hajesfandiari
Industry Associate Professor
Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctorate (Academic), University at Buffalo, State University of New York

Kaitlyn Hanley
Industry Associate Professor
Civil and Urban Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), University of California-Davis

Nada Haq-Siddiqi
Assistant Professor Faculty/Fellow
Chemical and Biomolecular Engineering, Tandon School of Engineering

Ryan Hartman
Associate Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic), University of Michigan-Ann Arbor

Sven Haverkamp
Professor
Mechanical and Aerospace Engineering, Tandon School of Engineering

Danielle Hayes Wright
Industry Associate Professor
Center for Urban Science and Progress, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), The University of Texas at Austin

Chinmay Hegde
Associate Professor
Computer Science and Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Rice University

Lisa Hellerstein
Professor
Computer Science and Engineering, Tandon School of Engineering
Doctorate (Academic), University of California-Berkeley

Elizabeth Henaff
Assistant Professor
Technology, Culture and Society, Tandon School of Engineering
Doctorate (Academic), Universitat de Barcelona

Andreas Hielcher
Professor
Biomedical Engineering, Tandon School of Engineering
Doctorate (Academic), Rice University
Michael Horodniceanu  
*Industry Professor*  
Civil and Urban Engineering, Tandon School of Engineering  
Doctorate (Academic), New York University

Mohsen Hossein  
*Industry Professor*  
Civil and Urban Engineering, Tandon School of Engineering  
Doctor of Philosophy (Ph.D.), McGill University

Danny Huang  
*Assistant Professor*  
Electrical and Computer Engineering, Tandon School of Engineering  
Doctor of Philosophy (Ph.D.), University of California-San Diego

Tracy Ingram  
*Visiting Assistant Professor*  
Center for Urban Science and Progress, Tandon School of Engineering  
Master of Public Administration (M.P.A.), New York University

Magued Iskander  
*Professor*  
Tandon School of Engineering, Tandon School of Engineering  
Doctorate (Academic), The University of Texas at Austin

Zhong-Ping Jiang  
*Professor*  
Electrical and Computer Engineering, Tandon School of Engineering  
Doctor of Philosophy (Ph.D.), École des Mines de Paris

Weihua Jin  
*Industry Professor*  
Civil and Urban Engineering, Tandon School of Engineering  
Doctor of Philosophy (Ph.D.), Columbia University

Vikram Kapila  
*Professor*  
Mechanical and Aerospace Engineering, Tandon School of Engineering  
Doctorate (Academic), Georgia Institute of Technology-Main Campus

Ramesh Karri  
*Professor*  
Electrical and Computer Engineering, Tandon School of Engineering  
Doctorate (Academic)

Daniel Katz-Braunschweig  
*Industry Professor*  
Computer Science and Engineering, Tandon School of Engineering  
Master of Science (M.S.), Iona College

Farshad Khorrami  
*Professor*  
Electrical and Computer Engineering, Tandon School of Engineering  
Doctorate (Academic)

Jin Kim  
*Associate Professor*  
Chemical and Biomolecular Engineering, Tandon School of Engineering  
Doctor of Philosophy (Ph.D.), University of Wisconsin-Madison

Joo Hyun Kim  
*Associate Professor*  
Mechanical and Aerospace Engineering, Tandon School of Engineering  
Doctorate (Academic), University of Iowa

Michael Knox  
*Industry Professor*  
Electrical and Computer Engineering, Tandon School of Engineering  
Doctor of Philosophy (Ph.D.), Polytechnic University

Jelena Kovacevic  
*Professor*  
Electrical and Computer Engineering, Tandon School of Engineering  
Doctor of Philosophy (Ph.D.), Columbia University in the City of New York

Michael Krone  
*Visiting Assistant Professor*  
Computer Science and Engineering, Tandon School of Engineering  
Doctorate (Academic), University of Stuttgart

Debra Laefer  
*Professor - NTE*  
Center for Urban Science and Progress, Tandon School of Engineering  
Doctor of Philosophy (Ph.D.), University of Illinois at Urbana-Champaign

Sanghoon Lee  
*Industry Professor*  
Mechanical and Aerospace Engineering, Tandon School of Engineering  
Doctorate (Academic), New York University

David G Lefer  
*Industry Associate Professor*  
Tandon School of Engineering, Tandon School of Engineering  
Master of Science (M.S.), Columbia University School of Journalism

Rastislav Levicky  
*Professor*  
Chemical and Biomolecular Engineering, Tandon School of Engineering  
Doctorate (Academic), University of Minnesota-Twin Cities

James Lewis  
*Senior Lecturer*  
Technology, Culture and Society, Tandon School of Engineering  
Master of Arts (M.A.), Stony Brook University

Rui Li  
*Industry Assistant Professor*  
Tandon School of Engineering, Tandon School of Engineering  
Doctor of Philosophy (Ph.D.), University of Georgia

Peter Li  
*Industry Assistant Professor*  
Tandon School of Engineering, Tandon School of Engineering  
Bachelor of Science (B.S.), Polytechnic University

Yong Liu  
*Professor*  
Electrical and Computer Engineering, Tandon School of Engineering  
Doctorate (Academic)

Giuseppe Loianno  
*Assistant Professor*  
Electrical and Computer Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Università degli Studi di Napoli Federico II

I-Tai Lu
Professor
Electrical and Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Dung Dinh Luong
Industry Associate Professor
Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Polytechnic University

M

Xiao Ma
Industry Assistant Professor
Biomedical Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Iowa State University

Roula Maloof
Senior Lecturer
Civil and Urban Engineering, Tandon School of Engineering
Doctorate (Academic), Polytechnic University

Sylvia Marks
Professor
Technology, Culture and Society, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Princeton

Thomas Marzetta
Industry Professor
Electrical and Computer Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Massachusetts Institute of Technology

Thomas Mazzone
Industry Associate Professor
Technology Management and Innovation, Tandon School of Engineering
Master of Business Administration (M.B.A.), EDHEC Business School

Damon McCoy
Associate Professor
Computer Science and Engineering, Tandon School of Engineering
Doctorate (Academic), University of Colorado at Boulder

Kathleen Mcdermott
Industry Assistant Professor
Technology, Culture and Society, Tandon School of Engineering
Master of Fine Arts (M.F.A.), City University of Hong Kong

Nasir Memon
Professor
Computer Science and Engineering, Tandon School of Engineering
Doctorate (Academic)

Miguel Modestino
Associate Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic), University of California-Berkeley

Jin Montclare
Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic), Yale University

Pavlos Mourdoukoutas

Industry Professor
Technology Management and Innovation, Tandon School of Engineering
Doctorate (Academic)

David Mugglin
Industry Professor
Applied Physics, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Lehigh University

Christopher Musco
Assistant Professor
Computer Science and Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Massachusetts Institute of Technology

N

Oded Nov
Professor
Technology Management and Innovation, Tandon School of Engineering
Doctorate (Academic), University of Cambridge

Kaan Ozbay
Professor
Civil and Urban Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Virginia Polytechnic Institute and State University

P

Shivendra Panwar
Professor
Electrical and Computer Engineering, Tandon School of Engineering
Doctorate (Academic)

Ingrid Paredes
Industry Assistant Professor
Technology, Culture and Society, Tandon School of Engineering
Doctorate (Academic), New York University

Gabriel Perez-Giz
Industry Assistant Professor
Applied Physics, Tandon School of Engineering
Doctorate (Academic), Columbia University

Donald Phillips
Senior Lecturer
Technology, Culture and Society, Tandon School of Engineering
Bachelor of Science (B.S.), Polytechnic Institute of New York

Benedetta Piantella
Industry Associate Professor
Technology, Culture and Society, Tandon School of Engineering
Master of Arts (M.A.), New York University

Unnikrishna Pillai
Professor
Electrical and Computer Engineering, Tandon School of Engineering
Doctorate (Academic), University of Pennsylvania

Nathalie Pinkerton
Assistant Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic), Princeton University
Christopher Policastro
Industry Assistant Professor
Technology Management and Innovation, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), University of California-Berkeley

Maurizio Porfiri
Professor
Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctorate (Academic), Virginia Polytechnic Institute and State University

Elena Prassas
Associate Professor
Civil and Urban Engineering, Tandon School of Engineering
Doctorate (Academic)

Sundeep Rangan
Professor
Electrical and Computer Engineering, Tandon School of Engineering
Doctorate (Academic), University of California-Berkeley

Theodore Rappaport
Professor
Tandon School of Engineering, Tandon School of Engineering
Doctorate (Academic), Purdue University-Main Campus

Brandon Reagen
Assistant Professor
Electrical and Computer Engineering, Tandon School of Engineering
Doctorate of Philosophy (Ph.D.), Harvard University

Thomas Reddington
Industry Professor
Computer Science and Engineering, Tandon School of Engineering
Master of Science (M.S.), University of Pittsburgh

Darryl Reeves
Industry Assistant Professor
Computer Science and Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Weill Cornell Medical College

Elisa Riedo
Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic), Università degli Studi di Milano

Lucid Righetti
Associate Professor
Electrical and Computer Engineering, Tandon School of Engineering
Doctor of Science (D.Sc.), École Polytechnique Fédérale de Lausanne

Julia Robinson-Surry
Industry Associate Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Massachusetts Institute of Technology

Anne D Ronan
Industry Professor
Civil and Urban Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Stanford University

Iskender Sahin
Industry Professor
Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Virginia Polytechnic Institute and State University

Ayaskanta Sahu
Assistant Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), University of Minnesota-Twin Cities

Gustavo Sandoval
Industry Professor
Computer Science and Engineering, Tandon School of Engineering
Master of Science (M.S.), California State University-Sacramento

Ivan Selesnick
Professor
Electrical and Computer Engineering, Tandon School of Engineering
Doctorate (Academic), Rice University

Linda Sellie
Industry Associate Professor
Computer Science and Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), The University of Texas at Austin

Davood Shahjerdii
Associate Professor
Electrical and Computer Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), The University of Texas at Austin

Valery Sheverev
Industry Professor
Applied Physics, Tandon School of Engineering
Doctorate (Academic)

David Shimko
Industry Professor
Finance and Risk Engineering, Tandon School of Engineering
Doctorate (Academic), Northwestern University

Claudio Silva
Professor
Computer Science and Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), State University of New York at Stony Brook

Andrea Silverman
Assistant Professor
Civil and Urban Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), University of California-Berkeley

Mark Skwarek
Industry Associate Professor
Technology, Culture and Society, Tandon School of Engineering
Master of Fine Arts (M.F.A.), Rhode Island School of Design's Digital Media Department

Derek Snow
Visiting Professor
Finance and Risk Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), University of Auckland

Stanislav Sobolevsky
Industry Professor
Center for Urban Science and Progress, Tandon School of Engineering
Paul Torrens
Professor
Computer Science and Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), New York University

Agnes Tourin
Industry Associate Professor
Finance and Risk Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), University Paris-Dauphine

David Truong
Assistant Professor
Biomedical Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), The University of Texas at Austin

Vladimir Tsifrinovich
Industry Professor
Applied Physics, Tandon School of Engineering
Doctorate (Academic), Kirensky Institute of Physics, Russian Academy of Sciences, Krasnoyarsk

U
Jose Ulerio
Industry Professor
Civil and Urban Engineering, Tandon School of Engineering
Master of Science (M.S.), Polytechnic Institute of New York University

V
Daniel Vignon
Assistant Professor
Civil and Urban Engineering, Tandon School of Engineering
Peter Voltz
Professor
Electrical and Computer Engineering, Tandon School of Engineering
Doctorate (Academic), Polytechnic Institute of New York University

George Vradis
Associate Professor
Mechanical and Aerospace Engineering, Tandon School of Engineering
Doctorate (Academic)

Evgeny Vulfson
Industry Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctorate (Academic), Moscow State University

W
Xin Wang
Industry Associate Professor
Chemical and Biomolecular Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), Moscow State University

Yao Wang
Professor
Electrical and Computer Engineering, Tandon School of Engineering
Doctorate (Academic), University of California-Santa Barbara

Nialah Wilson-Small
Industry Assistant Professor
Mechanical and Aerospace Engineering, Tandon School of Engineering

Edward Wong
Associate Professor
Computer Science and Engineering, Tandon School of Engineering
Doctorate (Academic)

Y

Mukhtar Ay_t__jœ adZœnbi Yusuf
Visiting Assistant Professor
Technology, Culture and Society, Tandon School of Engineering

Z

Quanyan Zhu
Associate Professor
Electrical and Computer Engineering, Tandon School of Engineering
Doctor of Philosophy (Ph.D.), University of Illinois at Urbana-Champaign