Research & Affiliated Centers

- Center for Applied Mathematics & Statistics
- Center for Architecture & Building Science Research
- Center for Communications and Signal Processing Research
- Center for Manufacturing Systems
- Center for Membrane Technologies
- Center for Solar Research
- Electronic Imaging Center
- International Intermodal Transportation Center
- Microelectronics Fabrication Center
- National Center for Transportation & Industrial Productivity
- New Jersey Center for Engineered Particulates
- New Jersey Center for Microflow Control
- New Jersey Center for Wireless Networking & Internet Security
- New Jersey Center for Wireless Telecommunications
- Otto H. York Center for Environmental Engineering & Science
- Polymer Engineering Center
- Enterprise Development Center
- New Jersey Manufacturing Extension Program
- Polymer Processing Institute
- New Jersey Vision Technology Center
- Medical Device Concept Lab

Contact Information

Dr. Donald H. Sebastian
Vice President for Research & Development
(973) 596 - 8449
sebastian@njit.edu

Judith A. Sheft
Assistant Vice President
Technology Development
(973) 596-5825
sheft@njit.edu

Brian Tierney
Assistant General Counsel
(973) 596-8437
tierney@njit.edu

NJIT Office of Technology Development

Turning Ideas into Commercial Reality

NJIT
New Jersey Institute of Technology
A Public Research University

University Heights
Newark, NJ 07102
800.925.NJIT or 973.596.3000

An Affirmative Action/Equal Opportunity Institution

www.njit.edu/research
MISSION

As a technological university, NJIT serves as an important conduit for technology. The Mission of The Office of Technology Development (OTD) is to promote and facilitate the commercialization of research results through technology licensing and sponsored research activities in a manner consistent with the teaching, public policy and economic development objectives of the university. Creating strong partnerships with industry and government is critical in successfully translating innovations to the marketplace.

The Office manages intellectual property elements across the entire research continuum. Key functions include the management of technology disclosures including the identification, evaluation and protection of inventions, transfer of technology through licensing and other commercialization activities. We also maintain oversight over confidentiality and industrial sponsored research agreements.

R&D SPECTRUM

NJIT ranks among “Top American Research Universities” in an annual study by The Center at the University of Florida, as well as the fastest growing research program in the nation for the period from 1990-2000. The strong applications orientation of the university’s research program has allowed NJIT to respond to state, federal, and industrial initiatives, to help address pressing public policy issues, and stimulate economic growth.

Research activities are focused especially on applied life sciences, materials science and nanotechnology, information technologies, environmental engineering and science, architecture and building science, and transportation. Major funding for instructional and research programs is obtained from leading corporations, foundations and government agencies including the National Science Foundation, the U.S. Department of Defense, the U.S. Environmental Protection Agency, the U.S. Department of Transportation, the New Jersey Commission on Science and Technology, the New Jersey Department of Environmental Protection and many others.

NJIT Research Capabilities:
- $75 M in research funding
- 400 Faculty
- 8800 Students in Six Colleges
- 48 acre main campus
- Class-10 Microelectronics Cleanroom
- 7000 ft² Manufacturing Center
- State of the Art Characterization Lab with SEM and TEM
- Collaborative Computing Lab
- Internet Security Laboratory

Opportunities for:
- IP Licenses
- Venture Investment
- Joint Development Partnerships
- Contract R&D