ETIC

ENTREPRENEURSHIP AND TECHNOLOGY INNOVATION CENTER

NYIT School of Engineering and Computing Sciences

NYIT

Entrepreneurship and Technology Innovation Center Mission

The mission of the Entrepreneurship and Technology Innovation Center (ETIC) of NYIT's School of Engineering and Computing Sciences is to consolidate and expand the school's industry-academic partnerships, foster innovation, and promote collaborations among industry, the academic community, professional organizations, and government. As a source for talent, entrepreneurship, and innovation in technology, engineering and applied science, the ETIC accelerates the regional economy and ensures greater competitiveness for Long Island and the broader metropolitan region. It supports the region's economic development by focusing on three critical areas: IT + cybersecurity, bioengineering + medical devices, energy + green technologies.

The ETIC seeks to achieve these outcomes by supporting companies to:

- demonstrate, test, incubate, and advance new ideas and technologies in a resource-rich university environment.

- expose their products to the public at-large to generate awareness and interest for subsequent commercialization.

- attract government and other investor support.

- foster expertise and spawn innovation in sciences, technology and engineering by engaging with students and faculty.

- have access to employment base of skilled students.

- serve as role models in leadership, entrepreneurship, and venture business practices.

The ETIC seeks to achieve these outcomes by supporting students and faculty to:

- apply classroom theoretical knowledge to real-world, open-ended design projects, with the guidance of industry experts and advisors.

- collaborate with industry leaders on applied research or venture development.

- engage interdisciplinary, service learning activities that enhance the well-being of the local community and the world at large.

- excite and inspire K-12 students to pursue degrees and careers in science and engineering fields by working with them on creative, hands-on activities.

The ETIC seeks to achieve these outcomes by supporting the general public to:

- learn about state-of-the-art scientific events as they happen.

- upgrade their skills and credentials through short courses and training programs in relevant areas for under-represented groups, mid-career professionals, teachers and veterans.

Entrepreneurship and Technology Innovation Center Case Statement

The Entrepreneurship and Technology Innovation Center (ETIC) is now a reality. The center has been renovated, thanks to awards of $1.2 million from the U.S. Economic Development Administration and $400,000 from New York Empire State Development Corporation, as well as matching funds from NYIT.

To build on this success, NYIT's School of Engineering and Computing Sciences is now seeking operational funds to implement the center's programming activities.

Led by Dean Nada Marie Anid, Ph.D., and the Dean's Executive Advisory Board, made up of members of industry, government, and the venture capital community, the ETIC will support the region's economic development by focusing on three critical areas including IT + cybersecurity, bioengineering + medical devices, and energy + green technologies.

NYIT is initiating major gift fundraising efforts to support the ETIC's programs and industry-academic partnerships. Funding opportunities include endowments, corporate and individual support, and in-kind gifts:

The ETIC endowed naming opportunity, recognizing a major partner in making the new center a leader in academic and industry collaboration and research.

Donors naming opportunities for ETIC rooms [labs, collaborative space, auditorium, conference and training rooms, business accelerator, lobby, and exhibit areas] in recognition of contributions to the:

- ETIC Entrepreneurship Fund to support the "Turning Ideas into Companies" program, providing funding toward resources and training for students, entrepreneurs, and startups to test and prototype ideas, leading to the creation of new products and viable companies.

- ETIC Industry Innovation Gifts (such as hardware, software, in-kind gifts, and services) to support university-industry technology innovation and link existing industries and businesses to NYIT's talent and resources, including faculty research and student projects relevant to the local and regional economy.
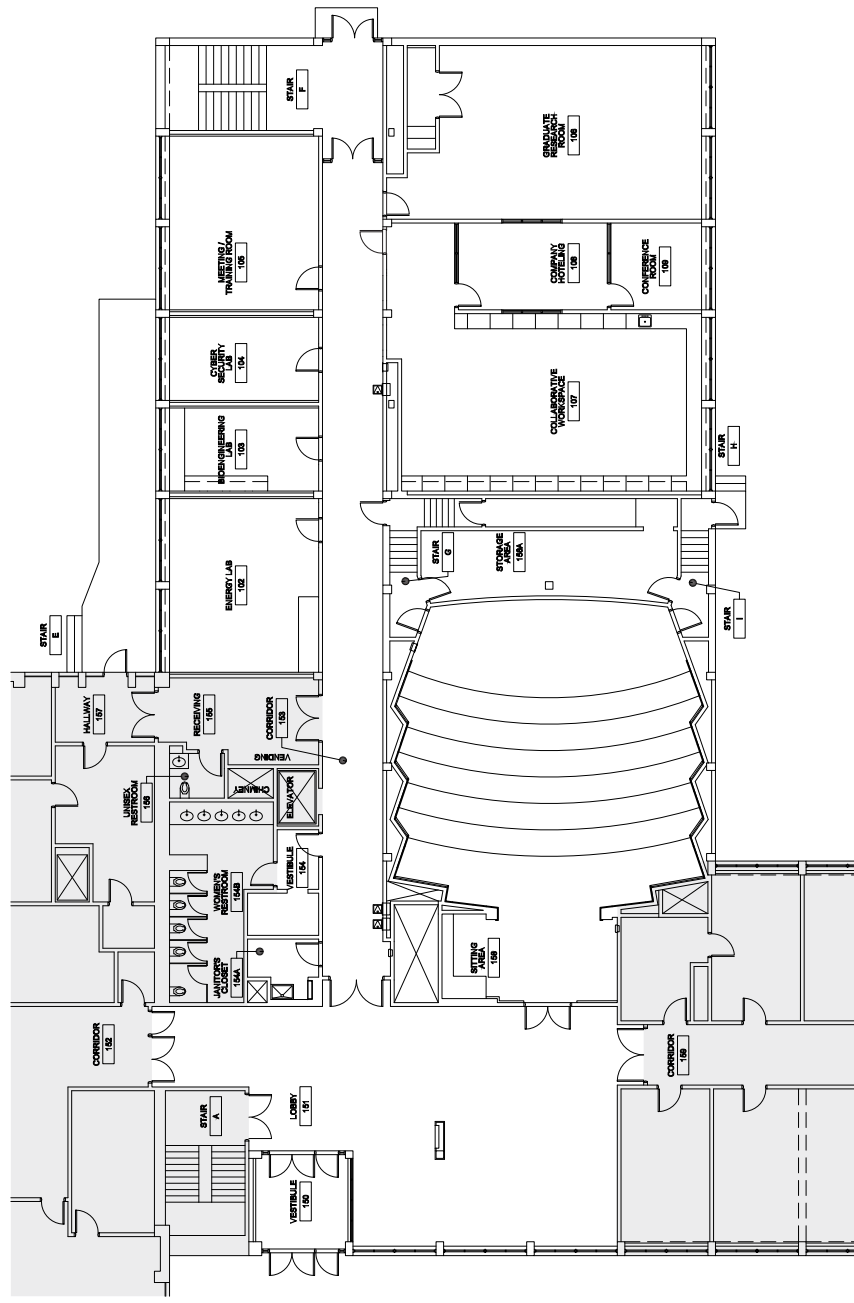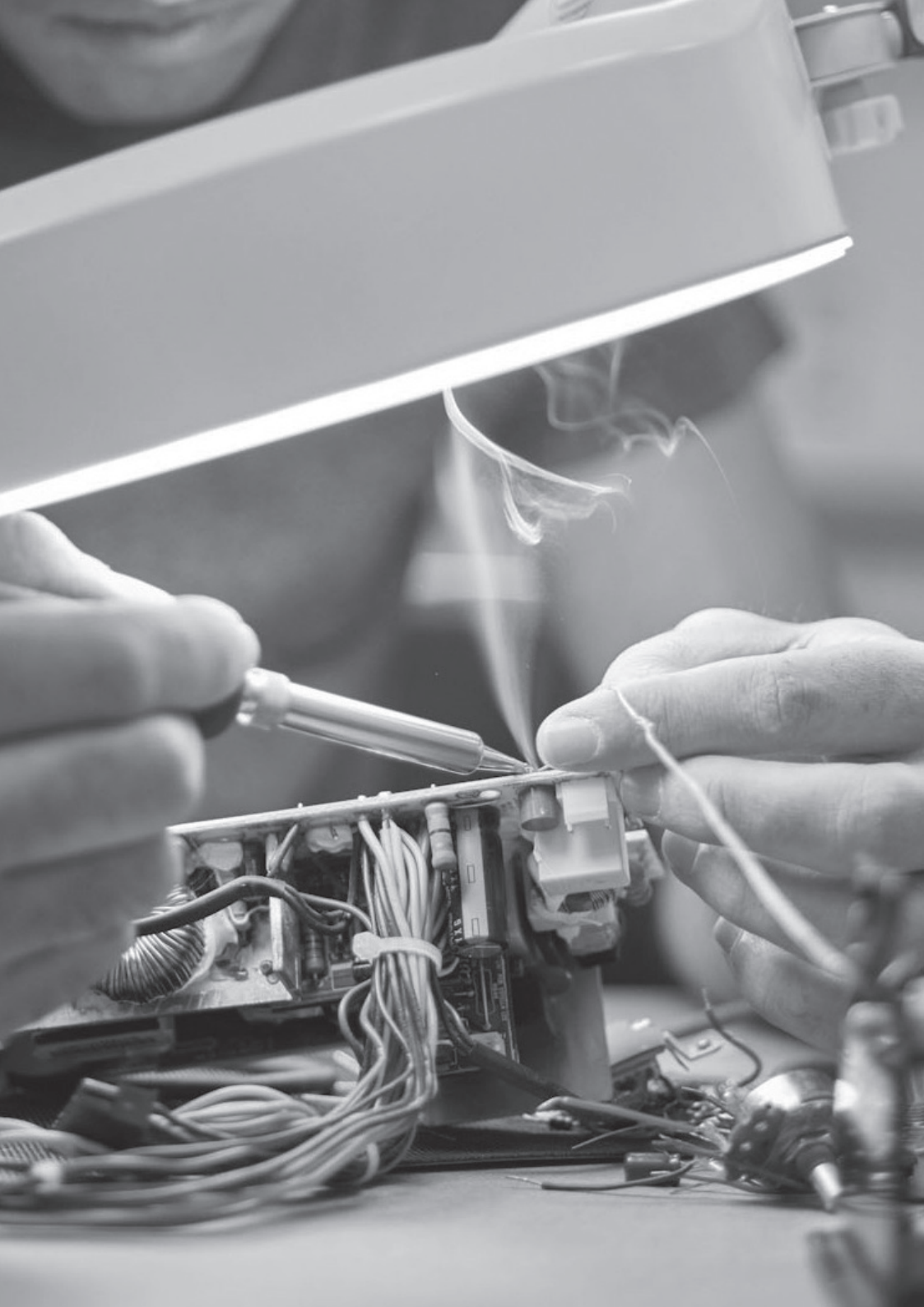

For further information, please contact:

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NYIT - ENTREPRENEURSHIP AND TECHNOLOGY INNOVATION CENTER

FIRST FLOOR PLAN

Westlake Reed Leskosky

PLAN NORTH

0 8' 16' 32'

02/11/2015

ETIC Labs and Facilities

Cybersecurity Lab
Energy and Green Technologies Lab
Renewable Energy Telemetry Lab
Bio-Engineering & Medical Devices Lab
Fabrication and Rapid Prototyping Lab
Nanofabrication Facility
OSHA Hazardous Waste Operations Facility
Materials Lab
Aerodynamics Lab
Instrumentation and measurement Lab
Thermo-Fluid Lab
Mechanical CAD/CAM Lab
Geographical Information Systems Lab
Microprocessor-Based Systems Development Lab

Class 10,000 Clean Room

The NYIT Nanofabrication Facility is a small scale user facility supporting nanoscale science and technology projects for students and researchers. The facility, which began operation in 2015, revolves around a 200 sq. ft. clean room equipped for device fabrication and characterization. We welcome researchers from all disciplines wishing to explore uses of micro- and nanofabrication.

Equipment

Brewer Science Cee 200X spin coater
Brewer Science Cee 1300X bake plate
VWR 1465 vacuum oven
NT-MDT Nano-Solver Atomic Force Microscope
Alpha-step D-1o0 Surface Profilometer
AJA DC/RF sputtering system

School of Engineering and Computing Sciences Dean's Executive Advisory Board

Sam Abbate '81
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Managing Director, Global Securities Services, Goldman, Sachs & Co.

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Vice President, Codes, Standards and Compliance, Leviton Manufacturing Co., Inc.

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Director, Application Development, Allscripts/Northwell Health

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Gabriel Silberman, Ph.D.
Senior Vice President and Chief Scientist, Cerebri AI

Thomas Van Laan '84
CEO, CloudCalc, Inc.

William Zucker
Vice President for Mobile Networks Products Baseband Platform, Mobile Networks Business Line, Nokia

Companies and Organizations supporting the ETIC

Allscripts / Northwell Health
Automated Logic Co.
Cerebri AI
CISCO
CloudCalc, Inc.
Consolidated Edison, Company Electric Vehicles
Cradle of Aviation Museum
Defense Photonics Group
Dvirka and Consulting Engineers
EmPower Solar
Energy Management and Research Assoc.
Energy Solutions Performance
The Feinstein Institute for Medical Research
Gavosto Associates – Architects and Construction Managers
Goldman, Sachs & Co.
H2M Architects + Engineers
Hutt Systems Software Development
IBM
iconectiv
Industrial + Technology Assistance Co. (ITAC)
Innoveering
Intelligent, Product Solutions
Intrepid Air and Sea Museum
InZero Systems, Inc.
Johnson Controls, Energy Solutions
Kerns Manufacturing Co.
LaunchPad
Letse, LLC
Leviton Manufacturing Co., Inc.
LISTnet
Long Island Capital Alliance
Long Island Rail Road, Environmental Planning & Compliance
Corporate Safety & Training Dept.
Lopes Consulting Services, Inc.
Maser Consulting P.A.
MDS Property Management Software
Mottspoint Consulting
Multi Data Services

Nassau County Office of the Executive
Nation-E
National Grid – Residential Gas Energy Efficiency
NYC Dept. of Citywide Administrative Services, Division of Energy Management
Nokia
Noresco
Northrop Grumman Co.
Owl Computing Technologies, Inc.
Pegasus Global Holdings, Inc.
Power Management Concepts, LLC
Qualco
Retliff Testing Laboratory
Shapiro Engineering, P.C.
South Bronx Economic Development Co. (SOBRO)
Spellman – High Voltage Electronics Co.
Sustainable South Bronx
Thompson Reuters, Mobility Team
Town of Hempstead Workforce Investment Board
UL Verification Services Inc.
Ultravolt Inc.
Unique Technical Services LLC
Zebra Technologies Co.
Zscaler, Inc.

Become affiliated with the ETIC at NYIT in one of several ways:

Subscriber Level: Free

- Receive our ETIC monthly newsletter
- Receive updates on ETIC activity and events
- Receive invitations to upcoming ETIC and NYIT events

Affiliate Level: $250 per year

- All subscriber level services
- Corporate name and logo on ETIC website and literature
- Ability to use the facilities at listed ETIC rates
- Access to both the ETIC on-site and remote internship programs for your organization
- Free admission to all ETIC events for up to 2 attendees

Sponsor Level: $1,500 per year

- All subscriber and affiliate level services
- Corporate signage inside ETIC facilities and labs
- Corporate logos and links included in all ETIC presentations, mailings and email campaigns

ETIC Tax Benefits

The ETIC at NYIT is a Tax Free Zone! Your business may qualify for either START-UP NY or Innovation Hot Spot by maintaining space at the ETIC.

START-UP NY

START-UP NY offers new and expanding businesses the opportunity to operate tax-free for 10 years on or near eligible university or college campuses in New York State. Partnering with universities such as NYIT gives businesses direct access to advanced research laboratories, development resources and experts in key industries.

To participate in START-UP NY, your company must meet the following requirements:
- Be a new business in New York State, or an existing New York business relocating to or expanding within the state
- Partner with a New York State college or university
- Create new jobs and contribute to the economic development of the local community

Long Island Innovation Hot Spot

The Entrepreneurship and Technology Innovation Center (ETIC) at NYIT is an approved member of the Long Island Innovation Hot Spot. Under this program designation granted by New York State, the Innovation Hot Spot program supports companies in New York State that are in the early stages of development. The Innovation Hot Spot program provides technical assistance, direct mentorship, entrepreneurial education, and business development services to affiliated business. When such business enterprises co-locate at, or are part of programs run by the university incubator (such as the NYIT ETIC) they qualify for franchise tax benefits and a personal income tax benefits over five tax years.

NEW YORK INSTITUTE OF TECHNOLOGY

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