



GRADUATE PROGRAMS

ILLINOIS TECH

Discover. Create. Solve.

#36 BEST VALUE SCHOOLS
—U.S. NEWS & WORLD REPORT 2020



**SMART.
SOPHISTICATED.**

SERIOUS.

Excellence doesn't happen overnight. At **Illinois Tech** innovation and achievement is a story 128 years in the making.

It began in 1890, when a giant of Chicago's industry established a university to educate talented people capable of harnessing technology and leading the city into the great industrial era of the early twentieth century.

Since then Illinois Tech has embraced the same pioneering spirit of invention and discovery. Our community of exceptionally smart graduate students and faculty is driven to rethink the known and bring new ideas into the world. As a result our graduate alumni have changed the course of human history, giving us the cell phone, the Pentium chip, Linksys, the Telestrator, architectural marvels, and many other innovations that have revolutionized the world.

As a graduate student at Illinois Tech, you will surround yourself with passionate people who share your quest for discovery. Here you will find a one-of-a-kind graduate experience—one that offers hands-on learning, expert guidance, and world-class resources. You will explore what motivates you and create your own excellence.

Changing the world is serious work. **Join us.**



#111 in Research Universities

—Forbes (2019)



ALUMNI INNOVATOR: FROM ILLINOIS TECH TO AMAZON ALEXA

At **Illinois Tech** you're inspired to dream as much as you are empowered to do.

Graduate alumnus **Rohit Prasad** (M.S. EE '99), vice president and head scientist of Amazon Alexa AI, says Illinois Tech's excellent faculty mentorship fostered his growth and helped him follow his passions.

"I was fortunate to have a great graduate school advisor who trained me up for industry and what was going to be my passion," Prasad says. "I thank him for all the rigor that he instilled in me in terms of scientific advances—how it's not just about having the best algorithm you can think of, but how to prove it with sound methodology, and whether it works in a real-world setting. That preparation, of not just being an academic, but actually making your inventions matter in the real world, I learned from my advisor."

This personalized attention, coupled with Illinois Tech's state-of-the-art facilities and close relationships with industry partners, allowed Prasad to thrive. Now he is living his passions by inventing the future of AI.

"It's critical as a budding student, whether you're an undergraduate student or a graduate student, to have a passion," Prasad says. "If you follow your passion you're ultimately going to make the right decisions that fulfill your dreams."

OUTCOMES. A HISTORY OF EXCELLENCE.

Illinois Tech graduate students earn advanced degrees that have significant value in the marketplace. Illinois Tech alumni are evidence of this return on investment. Our graduate alumni have changed the world and highlight how Illinois Tech is making good on our vision to shape the future.

- **Marty Cooper (EE '50, M.S. '57)** Inventor of the cell phone
- **Rajeev Chandrasekhar (M.S. CS '88)** Part of the team that developed Intel's Pentium chip
- **Lois Graham (M.S. ME '49, Ph.D. '59)** The first woman in the United States to earn a doctorate in mechanical engineering
- **Marvin Camras (EE '40, M.S. '42)** Pioneer in magnetic recording technology
- **David Edwards (Ph.D. CHBE '87)** Harvard University professor and founder of Le Laboratoire, a cultural center fostering experiments at the frontier of science
- **Leonard Reiffel (EE '47, M.S. '48, Ph.D. '53)** Inventor of the Telestrator (used to highlight sports plays on TV)
- **Victor Tsao (M.S. CS '80)** Founder of Linksys
- **Sam Karlin (MATH '44, M.S. '45)** National Medal of Science recipient who contributed to software used to first map DNA sequences
- **Tim Zamb (BIOL '68, Ph.D. '78)** Head of AIDS Vaccine Design and Development Laboratory of the International AIDS Vaccine Initiative
- **John P. Calamos Sr. (ECON '63, M.B.A. '70)** Founder/ chairman/CEO of Calamos Asset Management, Inc.
- **Phyllis Lambert (M.S. ARCH '63)** Design visionary behind New York's Seagram Building and founder of the Canadian Centre for Architecture
- **Alireza Khaligh (Ph.D. EE '06)** University of Maryland professor with more than \$5 million in research grants and an expert for the National Science Foundation's Energy, Power, Control, and Networks Program
- **Abdur Chowdhury (Ph.D. CS '01)** Former chief architect of search for AOL; co-founded the search engine Summize and was chief scientist of Twitter upon its purchase of Summize; co-founder of Pushd, which develops contextual mobile applications
- **Countless civic and government leaders**, including two current members of the United States Congress

"I was fortunate to have a great graduate school advisor who trained me up for industry and what was going to be my passion."

ILLINOIS TECH IS A VIBRANT INTERNATIONAL CAMPUS WITH A STUDENT BODY THAT REPRESENTS ALL 50 STATES AND MORE THAN 100 COUNTRIES.



Illinois Tech is proud of our hometown, and we are a product of our city's culture. We value hard work, ambition, community, bold thinking, and rebelliousness. **Just like the great global city of Chicago.**

Chicago offers graduate students an unparalleled environment to study, conduct research, and explore a diverse range of intellectual and professional pursuits. From medicine to financial markets and from high-tech startups to nonprofits, Chicago provides countless pathways in life. The city's burgeoning tech ecosystem feeds growth in multiple sectors including science, law, management, energy, and marketing and creative industries.

Chicago is also a friendly and charming city of neighborhoods, rich with cultural attractions including museums, music venues, parks and nature, plus professional sports venues and many other opportunities to explore something new.



Illinois Tech's Mies Campus is just minutes south of Chicago's Loop and less than a mile from Lake Michigan and the city's stunning 18 miles of beachfront.

HOMETOWN. OPPORTUNITIES. CHICAGO.

OUR HOMETOWN IS AN ARCHITECTURAL LIVING LABORATORY

Chicago is a living laboratory for architecture study. From landscapes including the Alfred Caldwell Lily Pool to iconic buildings such as the John Hancock Center, Willis Tower, and Marina City, many notable built spaces in Chicago are affiliated with current or former Illinois Tech students, alumni, faculty, or firms.

CHICAGO IS:

- World's seventh most flourishing tech ecosystem—*Compass Global Startups Ecosystems Report 2015*
- Top 10 city of global opportunity—*PwC 2014*
- Top 10 U.S. city for tech careers—*CIO magazine*

ACHIEVE YOUR GOALS.

Illinois Tech's eight colleges offer study options that give you maximum flexibility to achieve your goals. Illinois Tech offers traditional master's and doctoral programs (thesis required), professional master's programs (no thesis required), dozens of certificate specializations, dual-degree plans, and short-term executive and professional packages. Some or all of your graduate study may be completed online.



“If you want to get a grad-level degree in biology and you are looking for a school where you will get personalized attention and research opportunities, Illinois Tech is a great option. There are several labs that accept new grad students every year and offer a good variety of disciplines and projects, so you can find what you like best.”

Adriana Mañas Nuñez
(Ph.D. Candidate Biology)
Madrid, Spain

“The structure of academic programs at Illinois Tech at all levels requires working with students from other academic disciplines. The diversity of the campus also creates opportunities to engage with people from different walks of life, and from my experience, working in inclusive spaces is encouraged by the faculty.”

Michael Anthony DeAnda
(Master of Science in Technology and Humanities)
El Paso, Texas



Data-Driven Disciplines

- MASTER OF DATA SCIENCE
- MASTER OF MATHEMATICAL FINANCE
- MASTER OF SCIENCE IN COMPUTATIONAL DECISION SCIENCE AND OPERATIONS RESEARCH
- MASTER OF APPLIED MATHEMATICS
- MASTER OF INFORMATION TECHNOLOGY AND MANAGEMENT
- MASTER OF SCIENCE IN FINANCE
- MASTER OF SCIENCE IN MARKETING ANALYTICS
- MASTER OF SCIENCE IN MANAGEMENT SCIENCE
- MASTER OF SCIENCE IN TECHNOLOGY AND HUMANITIES
- JURIS DOCTOR (J.D.) WITH SPECIALIZATION IN LEGAL INNOVATION + TECHNOLOGY
- JURIS DOCTOR (J.D.) WITH SPECIALIZATION IN LEGAL INNOVATION + TECHNOLOGY

Computational Science and Technology

- MASTER OF ARTIFICIAL INTELLIGENCE
- MASTER OF CYBERSECURITY
- MASTER OF CYBER FORENSICS AND SECURITY
- MASTER OF CYBERSECURITY ENGINEERING
- MASTER OF ENGINEERING IN ARTIFICIAL INTELLIGENCE, COMPUTER VISION, AND CONTROL
- MASTER OF ENGINEERING IN WIRELESS COMMUNICATIONS AND COMPUTER NETWORKS
- MASTER OF COMPUTER ENGINEERING IN INTERNET OF THINGS
- MASTER OF INFORMATION TECHNOLOGY AND MANAGEMENT (ITM)
- MASTER OF COMPUTER SCIENCE
- MASTER OF DATA SCIENCE
- MASTER OF CYBER FORENSICS AND SECURITY
- MASTER OF SCIENCE IN TECHNICAL COMMUNICATION AND INFORMATION ARCHITECTURE
- MASTER OF SCIENCE IN COMPUTER ENGINEERING
- MASTER OF SCIENCE IN COMPUTATIONAL DECISION SCIENCE AND OPERATIONS RESEARCH
- MASTER OF SCIENCE IN FINANCE
- MASTER OF SCIENCE IN MARKETING ANALYTICS
- MASTER OF SCIENCE IN TECHNOLOGY AND HUMANITIES

Management

- MASTER OF INFORMATION TECHNOLOGY AND MANAGEMENT (ITM)
- MASTER OF TECHNOLOGICAL ENTREPRENEURSHIP (MTE)
- MASTER OF BUSINESS ADMINISTRATION (M.B.A.)
- MASTER OF SCIENCE IN ENVIRONMENTAL MANAGEMENT AND SUSTAINABILITY
- MASTER OF CONSTRUCTION ENGINEERING AND MANAGEMENT
- MASTER OF SCIENCE IN MANAGEMENT SCIENCE
- MASTER OF PUBLIC ADMINISTRATION (M.P.A.)
- MASTER OF PUBLIC WORKS
- MASTER OF INDUSTRIAL TECHNOLOGY AND OPERATIONS (MITO)

Biology and Biomedical Engineering

- MASTER OF BIOMEDICAL ENGINEERING
- MASTER OF SCIENCE IN BIOLOGY
- MASTER OF FOOD SCIENCE AND NUTRITION
- MASTER OF BIOLOGICAL ENGINEERING
- MASTER OF SCIENCE IN MOLECULAR BIOCHEMISTRY AND BIOPHYSICS
- MASTER OF BIOMEDICAL IMAGING AND SIGNALS

Physics

- MASTER OF SCIENCE IN PHYSICS
- MASTER OF HEALTH PHYSICS
- MASTER OF SCIENCE IN APPLIED PHYSICS

Chemistry

- MASTER OF CHEMISTRY
- MASTER OF SCIENCE IN ANALYTICAL CHEMISTRY
- MASTER OF CHEMICAL ENGINEERING
- MASTER OF ENVIRONMENTAL ENGINEERING
- MASTER OF PHARMACEUTICAL ENGINEERING
- MASTER OF BIOMEDICAL ENGINEERING

Civil, Architectural, and Environmental Engineering

- MASTER OF ARCHITECTURAL ENGINEERING
- MASTER OF CONSTRUCTION ENGINEERING AND MANAGEMENT
- MASTER OF ENVIRONMENTAL ENGINEERING
- MASTER OF GEOTECHNICAL ENGINEERING
- MASTER OF PUBLIC WORKS
- MASTER OF STRUCTURAL ENGINEERING
- MASTER OF TRANSPORTATION ENGINEERING
- MASTER OF SCIENCE IN CIVIL ENGINEERING
- MASTER OF INDUSTRIAL TECHNOLOGY AND OPERATIONS (MITO)

Mechanical, Materials, and Aerospace Engineering

- MASTER OF ENGINEERING IN MANUFACTURING
- MASTER OF ENGINEERING IN MATERIALS SCIENCE AND ENGINEERING
- MASTER OF ENGINEERING IN MECHANICAL AND AEROSPACE ENGINEERING
- MASTER OF INDUSTRIAL TECHNOLOGY AND OPERATIONS (MITO)

Chemical and Biological Engineering

- MASTER OF BIOLOGICAL ENGINEERING
- MASTER OF CHEMICAL ENGINEERING
- MASTER OF CHEMICAL ENGINEERING WITH E3 SPECIALIZATION

Electrical and Computer Engineering

- MASTER OF BIOMEDICAL IMAGING AND SIGNALS
- MASTER OF ELECTRICAL AND COMPUTER ENGINEERING
- MASTER OF ELECTRICITY MARKETS
- MASTER OF NETWORK ENGINEERING
- MASTER OF POWER ENGINEERING
- MASTER OF TELECOMMUNICATIONS AND SOFTWARE ENGINEERING
- MASTER OF VLSI AND MICROELECTRONICS
- MASTER OF SCIENCE IN COMPUTER ENGINEERING
- MASTER OF SCIENCE IN COMPUTER ENGINEERING AND ELECTRICAL ENGINEERING
- MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

Psychology

- MASTER OF SCIENCE IN PERSONNEL AND HUMAN RESOURCES DEVELOPMENT
- MASTER OF SCIENCE IN REHABILITATION AND MENTAL HEALTH COUNSELING
- PH.D. IN PSYCHOLOGY
- PH.D. IN REHABILITATION COUNSELING
- PH.D. IN INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY
- MASTER OF SCIENCE IN MARKETING ANALYTICS

Architecture and Design

- MASTER OF ARCHITECTURE
- MASTER OF TECHNOLOGICAL ENTREPRENEURSHIP (MTE)
- MASTER OF DESIGN

Energy and Sustainability

- MASTER OF SCIENCE IN SUSTAINABILITY MANAGEMENT (FORMERLY EMS)
- MASTER OF BUSINESS ADMINISTRATION (M.B.A.)
- MASTER OF PUBLIC ADMINISTRATION (M.P.A.)
- WISER PROGRAMS
- MASTER OF ARCHITECTURE
- MASTER OF ARCHITECTURAL ENGINEERING
- MASTER OF SCIENCE IN ELECTRICAL ENGINEERING
- MASTER OF ELECTRICITY MARKETS
- MASTER OF POWER ENGINEERING

Health Sciences

- MASTER OF BIOMEDICAL ENGINEERING
- MASTER OF BIOLOGICAL ENGINEERING
- M.S. IN BIOLOGY FOR HEALTH PROFESSIONS
- MASTER OF SCIENCE IN BIOLOGY WITH A SPECIALIZATION IN APPLIED LIFE SCIENCES
- MASTER OF HEALTH PHYSICS
- MASTER OF CHEMICAL ENGINEERING

Digital Humanities

- MASTER OF SCIENCE IN TECHNOLOGY AND HUMANITIES
- PH.D. IN TECHNOLOGY AND HUMANITIES
- MASTER OF SCIENCE IN TECHNICAL COMMUNICATION AND INFORMATION ARCHITECTURE

Security

- MASTER OF NETWORK ENGINEERING
- MASTER OF SCIENCE IN COMPUTER ENGINEERING
- MASTER OF COMPUTER SCIENCE
- MASTER OF INFORMATION TECHNOLOGY AND MANAGEMENT (ITM)
- MASTER OF CYBER FORENSICS AND SECURITY
- MASTER OF PUBLIC ADMINISTRATION (M.P.A.)

For detailed information on these degree programs, including certificate courses, visit admissions.iit.edu/graduate/programs.

Each of our colleges is accredited by the leading accreditation authority. Illinois Tech is accredited by the Higher Learning Commission.

Facilities for food safety include the Biosafety Level 3 (BSL-3) laboratory, one of the first in the country specifically designed to study the behavior of pathogens and virulent organisms in real-world food processing conditions



EXPLORE.
DO.

Illinois Tech has an extensive network of state-of-the-art facilities across our four Chicago-area campuses that are focused on research and innovation. Just a few of these facilities include:

- **Idea Shop** 13,000-square-foot rapid-prototyping lab with 3D printers, CNC milling machines, wood cutters, and a staff dedicated to helping students transform ideas into products
- **Robert B. Kyts Design Studio and Machine Shop** Nationally known prototyping and machining provider for small-quantity custom projects, specializing in model building, wind tunnel modeling, one-of-a-kind prototypes, and special projects
- **Architecture Materials Lab** 10,000-square-foot lab with tools and machinery for working with wood, metal, and plastics, in addition to a laser lab and 3D printing
- **Libraries** A five-library network offering a broad array of research journals, staff who provide research and writing assistance, laptop rental, 3D printers, and many other resources, with separate libraries for law, architecture, food safety, and ethics scholarship and training
- **Center for Synchrotron Radiation Research and Instrumentation** Operates the BioCAT and MR-CAT X-ray beamlines at the Advanced Photon Source at Argonne National Laboratory
- **Financial Markets Research Lab** Dual-monitor Bloomberg work stations that allow screen sharing from Bloomberg terminals
- **Facilities in the School of Applied Technology** include sophisticated labs for embedded systems, real-time communications, and more
- **Judge Abraham Lincoln Marovitz Courtroom** Modeled on the best courtrooms and trial advocacy training facilities in the country, incorporates the latest computer and audiovisual technologies in a traditional setting



Ed Kaplan Family Institute for Innovation and Tech Entrepreneurship

This new facility is an innovation hub on campus focused on bold thinking and transitioning new ideas into products and processes. The Kaplan Institute houses workshops, media labs, classrooms, collaborative hubs, emerging technologies, and maker spaces, and incorporates design training into courses taught within it.



CHICAGO-KENT COLLEGE OF LAW

#1 Intellectual Property Law Program—Law Street Media (2017)
#4 Trial Advocacy, #13 Intellectual Property Law, #37 Law Writing, and #15 Part-time Law Program—U.S. News & World Report (2020)



Interdisciplinary collaboration permeates Illinois Tech's academic and research programs. At Illinois Tech's **Wanger Institute for Sustainable Energy Research (WISER)**, more than 80 faculty members are currently involved in energy and sustainability research and educational activities across the colleges and institutes at the university.

EXPERIENCE.

EXPOSURE.

Typically your graduate years are when you hone your expertise by focusing on a relatively narrow field or topic. That may be appropriate for some areas of study, but for some students it can be unnecessarily rigid. Moreover, it ignores the reality that in today's workplace you will need dynamic skills and relevant experience across various disciplines in order to be an effective problem solver who can navigate the complex layers of any evolving field.

Illinois Tech's 60-plus graduate degrees are distinctive by design. Innovation, invention, technology, and entrepreneurship are woven throughout our programs. You will gain valuable exposure to relevant and hands-on work within your chosen program, combined with unique **interdisciplinary pathways** that allow you to work across traditional silos.



MORE INTERDISCIPLINARY PATHWAYS

Below are a few of Illinois Tech's academic and research strengths with appeal to students across multiple majors. Our graduate advisors and faculty members can assist you in determining which major and department will best suit your needs.

- Architecture and Design
- Artificial Intelligence
- Big Data
- Cloud Computing
- Cybersecurity
- Energy and Sustainability
- Engineering Innovation
- Entrepreneurship
- Finance
- Food Science
- Health and Medicine
- Human and Digital Sciences
- Imaging
- Information Technology
- Manufacturing
- Nanotechnology
- Quantitative Analysis
- Robotics
- Transportation
- Science and Technology



Work Across Boundaries

**INTERDISCIPLINARY PATHWAY:
ENERGY AND SUSTAINABILITY**

ENERGY AND SUSTAINABILITY

Illinois Tech is a pioneer in this area, which is just one example of a general field of interest for many students. Outside of specific degree programs, students can take part in a wide range of interdisciplinary work to expand their knowledge base and explore relevant topics within a field of interest. This includes research centers, faculty research assistance, certificate programs, free lectures and seminars, and more opportunities. The same is true for many pathways, from design to computational science to health.

PROGRAMS

Any engineering degree, Biology, Chemistry, Physics, Industrial Technology and Management, Law, Sustainability Management

CERTIFICATES

Programs include topics such as water and wastewater treatment, current energy issues, electricity markets, sustainable enterprise, indoor air quality, and more

PARTNERSHIPS

Illinois Tech has a strong network of partners in the academic, research, and public and private sectors. The university's longstanding relationship with Argonne National Laboratory includes faculty and graduate student research in a range of energy and sustainability domains, from alternative fuels to the microgrid.

RESEARCH INSTITUTES AND CENTERS

Wanger Institute for Sustainable Energy Research; Grainger Power Electronics and Motor Drives Lab; Built Environment Research Group; Center for Sustainable Enterprise, Energy/Environment/Economics; Institute for Science, Law, and Technology

It may come as no surprise that **Illinois Tech**—home of the country's first research nuclear reactor and the university that operates the nation's first functional microgrid—is known for advanced research that is moving the needle toward significant innovation.

Through our academic departments, and our research centers and institutes, we offer graduate students the opportunity to participate in meaningful, hands-on, and boundary-breaking research. Illinois Tech's research partnerships with locally based national laboratories such as Argonne and Fermilab, leading medical schools, tech incubators, and government organizations provide our graduate students unparalleled experiences and training at world-class facilities.

Our professors include editors of scientific journals, entrepreneurs, influential design and architecture practitioners, academic society fellows, and thought leaders in numerous fields. As important, our faculty are excellent teachers, uniquely regarded for their accessibility to students and for their commitment as advisors and mentors. You will receive personalized guidance during your graduate course of study.

“The structure of academic programs at Illinois Tech at all levels requires working with students from other academic disciplines. Illinois Tech is at the forefront of research and applied technology. The list of faculty achievements is impressive as well as motivational. I've found the real-world experience of faculty to be extremely useful throughout my course of study. The availability of world-class facilities also sets Illinois Tech apart. The Robotics Lab in particular stands out as a unique and interesting facility that encourages technical know-how and possibility.”

Joshua Kazanova
(Master of Cyber Forensics and Security)
Chicago, Illinois

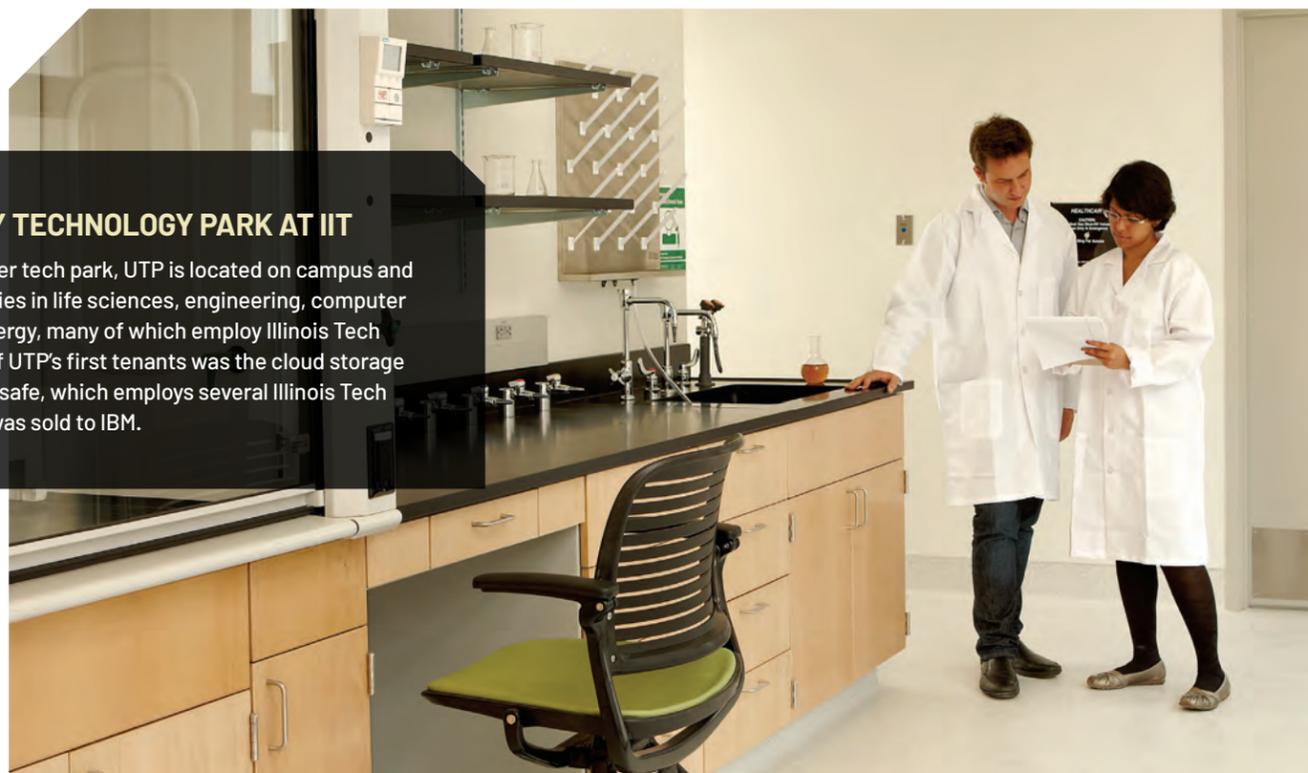


FACULTY AND RESEARCH.

ACCESS & IMPACT.

UNIVERSITY TECHNOLOGY PARK AT IIT

Chicago's premier tech park, UTP is located on campus and houses companies in life sciences, engineering, computer science, and energy, many of which employ Illinois Tech students. One of UTP's first tenants was the cloud storage company Cleversafe, which employs several Illinois Tech graduates and was sold to IBM.



IIT RESEARCH INSTITUTE

Founded in 1936 as the research arm of the university, this independent, not-for-profit preclinical contract research organization specializes in preclinical safety and toxicology, inhalation toxicology, biodefense, and infectious disease studies, and evaluates the efficacy and preclinical safety of cancer therapeutics.



Mahesh Krishnamurthy, associate professor of electrical and computer engineering, and **Eun-Jeong Lee**, associate professor of psychology, their form of community-based participant research incorporates end users in the product design—and especially the redesign—process in order to improve the quality of life for people with disabilities.



MADE IN CHICAGO. **CHANGING THE WORLD.**

Illinois Tech is committed to collaboration across traditional boundaries, and this is evident in both our graduate programming and our faculty research. Many of our faculty-experts work across departments—and often in partnership with businesses, government entities, and community groups—to conduct meaningful work that makes a measurable, positive contribution to society.



MILES WERNICK AND YONGYI YANG,
ARMOUR COLLEGE OF ENGINEERING

LORI ANDREWS,
CHICAGO-KENT COLLEGE OF LAW

In their collaboration for the Elgin (Illinois) Police Department, this team of Illinois Tech researchers is exploring the design, implementation, and deployment of a flexible, new model for crime prevention that can be translated to a wide array of communities in the United States and beyond, thereby achieving far-reaching societal impact. The team will assess Motorola Chair Professor Miles Wernick's predictive modeling technology alongside a legal-ethical framework. Their goal is to determine how to best employ this technology in crime prevention in a way that respects privacy rights and achieves acceptance by the community.



The project builds upon Wernick's high-profile work under the auspices of a \$3 million award from the National Institute of Justice where he partnered with the Chicago Police Department to institute a new predictive policing program. His company, ADM Diagnostics, LLC, focuses on the use of machine learning algorithms to diagnose Alzheimer's disease.



ARON CULOTTA, COLLEGE OF SCIENCE

As phase 1 finalists for the \$1 million Nayar Prize II at Illinois Tech, Assistant Professor Aron Culotta and University of Michigan Associate Professor Libby Hemphill are intersecting computer science and humanities to develop software tools to forecast imminent cyberbullying threats and vulnerabilities in online social networks. Building upon recent advances in natural language processing, machine learning, and social network analysis, they are building a cross-platform tool so that individuals and communities will be better equipped to intervene in cyberbullying episodes in real-time to reduce harm and improve outcomes.



WESLYNNE ASHTON AND NASRIN KHALILI,
STUART SCHOOL OF BUSINESS

In the project Pathways to Cleaner Production in the Americas, supported by the Department of State, professors Weslynn Ashton and Nasrin Khalili (Ph.D. ENVE '92) collaborated on a multinational effort to address issues preventing a move toward sustainability in Latin America and the Caribbean. Backed by more than \$1 million in funding, the project researched low demand for environmentally friendly industrial-development strategies and the limited number of skilled professionals to implement such strategies. The project team trained hundreds of students across the region in interdisciplinary skills and methods while also exposing 136 micro, small, and medium-sized enterprises to cleaner practices. The researchers looked at everything from how market-based incentives and access to capital spur smaller enterprises to adopt cleaner production practices, to the design of educational models that will adequately prepare individuals who can support sustainable development.



BILL LIDINSKY,
SCHOOL OF APPLIED TECHNOLOGY

Industry Professor and Director of the Cyber Forensics and Security Laboratory Bill Lidinsky (EE '61, M.S. '70) developed and honed much of his cyber security and cyber forensics expertise at Illinois Tech. While at Bell Laboratories and Fermilab, Lidinsky and members of a committee developed the spanning-tree system standard that is now used in almost every computer-network router throughout the world. Over the past four decades, he has become a leader in several areas of computer networking and security, and is regularly called upon to testify as an expert witness for government agencies on such matters.



EVA KULTERMANN,
COLLEGE OF ARCHITECTURE

Professor Eva Kultermann [left, first row] leads design studios that are having a direct and meaningful impact on Chicago's Bronzeville neighborhood. Last year, students in her studio developed the design selected for the future home of the Bronzeville Turn Center, which will provide a new approach to combat violence and provide counseling, mentoring, and support to avert conflict. This year students in her studio are working to design a community services center that will provide counseling, mentorship, workforce development and other social services aimed at minimizing negative factors that cause violence, while increasing protective influences that foster community.

95% OF ILLINOIS TECH FACULTY MEMBERS HOLD THE HIGHEST DEGREES IN THEIR DISCIPLINE.



WHAT MAKES A LEGACY?

When you step foot on **Illinois Tech's** landmark campus, one of the first things you might notice is our lack of ivy-covered walls. Illinois Tech is a university rich with tradition, but we offer a new vision for what constitutes academic and research excellence in the twenty-first century. It is less about legacy and more about upending the status quo. It is not about simply breaking down walls, but rather shattering their very purpose and constructs. It is about redefining words like innovation at a time of extraordinary growth and invention.

Our history is strong, but we don't need ivy to tell you we have been around for a while. Our story is rooted in our accomplishments, and our legacy is told in our countless alumni who continue to **change the world.**



VISIT US IN PERSON

Contact us to schedule a visit and tour of our Mies Campus, which includes meetings with faculty members, current students, and admissions representatives.

admissions.iit.edu/graduate/visit

VISIT US VIRTUALLY

Illinois Tech also offers an online virtual tour of our buildings, labs, and open spaces.

iit.edu/virtualtour



“One of America’s *Most Beautiful* College Campuses”

—FORBES

Join us. *Apply today!*



GRADUATE ADMISSION AT ILLINOIS TECH

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Perlstein Hall, Room 206
Chicago, IL 60616

grad.recruitment@iit.edu
312.567.3020 (office)
312.567.3138 (fax)

admissions.iit.edu/graduate