

ILLINOIS TECH



# Graduate Programs at Illinois Tech

2025  
2026





**#1**  
**in Illinois**  
**for Best**  
**Salaries of**  
**Graduates**  
—*Wall Street Journal/*  
*College Pulse 2025*

# Smart Sophisticated Serious

Excellence doesn't happen overnight. At **Illinois Tech** innovation and achievement is a story more than 130 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, working to liberate the power of collective difference to advance technology and progress for all. 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 microprocessor, 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**



# What Makes a Legacy?



“One of America’s most beautiful college campuses.”

—Forbes



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 just remembering the past 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 such as 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—both yesterday and today—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.**

» [go.iit.edu/grad-visit](https://go.iit.edu/grad-visit)

## Visit Us Online

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

» [iit.edu/admissions-aid/visit-and-tour/virtual-tour](https://iit.edu/admissions-aid/visit-and-tour/virtual-tour)

## Apply

» [iit.edu/admissions-aid/apply](https://iit.edu/admissions-aid/apply)



# Alumni Innovator

From  
Illinois Tech  
to Amazon  
Alexa

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

—Rohit Prasad (M.S. EE '99)



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

Graduate alumnus Rohit Prasad (M.S. EE '99), senior vice president and head scientist of general intelligence at Amazon, 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 adviser 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 adviser.”

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 artificial intelligence.

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

**91%**  
of employers prefer  
previous work  
experience, according  
to the **National  
Association of Colleges  
and Employers**

## 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 microprocessor
- ▶ **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
- ▶ **Jason Tenenbaum (AE '07)** Engineer for SpaceX's Dragon spacecraft

- ▶ **Ilana Diamond Rovner (LAW '66)** Judge on the U.S. Court of Appeals for the Seventh Circuit
- ▶ **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/CIO of Calamos Investments
- ▶ **Phyllis Lambert (M.S. ARCH '63)** Design visionary behind New York's Seagram Building and founder of the Canadian Centre for Architecture

- ▶ **Kwame Raoul (LAW '93)** Illinois Attorney General
- ▶ **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
- ▶ **Robin Chaurasiya (PS, PSYC '06)** Founder of the nonprofit Kranti that empowers young women to become agents of social change

**Grad Career Outcomes:**  
» [go.iit.edu/grad-outcomes](https://go.iit.edu/grad-outcomes)





# Hometown Opportunities Chicago

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 thriving tech field 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.



Home to  
**15**  
Fortune 500  
companies,  
**100-plus**  
startups and  
incubators,

and  
**36.5%**  
women-owned  
startups

**#1**  
among “Best  
Large Cities  
in the U.S.”  
—*Conde Nast Traveler*  
Readers’ Choice Awards

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 18.5 miles of  
stunning beachfront.

Ranked as the  
**#13**  
global technology  
innovation hub  
—*KPMG 2020*

**Top 10**  
U.S. city for  
tech careers  
—*CIO magazine*

Chicago is a living laboratory for architecture study.

From landscapes including the Alfred Caldwell Lily Pool to iconic buildings such as 875 North Michigan Avenue (formerly 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.





# Achieve Your Goals

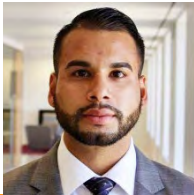
Illinois Tech’s seven colleges offer study options that give you maximum flexibility to achieve your goals.

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.

“I knew that if I came to Illinois Tech I would have the opportunity to connect with a huge network of computer scientists professionals, historians, and all these other scholars that are interested in AI ethics, and it’s this nice blending of working with the technology—the practical side of things—and the humanities—the philosophy, the social scientists—that was a big draw for me.”



—Monika Sziron Ph.D.  
(THUM '22)



—Juan Vasquez  
(M.A.S. CYF '20)

“Illinois Tech made me a subject-matter expert in my field and gave me focus to continue to learn more information security and cybersecurity concepts. My master’s has made me more marketable for manager and director roles in information security and cybersecurity.”

## Armour College of Engineering

### Biomedical Engineering

- ▶ Ph.D. in Biomedical Engineering\*
- ▶ M.S. in Biomedical Data Science and Modeling\*
- ▶ M.S. in Biomedical Engineering\*
- ▶ M.S. in Medical Devices and Biomaterials\*
- ▶ Master of Computational Engineering, Biomedicine Track\*

### Chemical and Biological Engineering

- ▶ Ph.D. in Chemical Engineering\*
- ▶ M.S. in Biological Engineering
- ▶ M.S. in Chemical Engineering\*
- ▶ M.S. in Pharmaceutical Engineering
- ▶ Master of Computational Engineering, Computational Chemical Engineering Track\*

### Civil, Architectural, and Environmental Engineering

- ▶ Ph.D. in Architectural Engineering\*
- ▶ Ph.D. in Civil Engineering\*
- ▶ Ph.D. in Environmental Engineering\*
- ▶ M.S. in Architectural Engineering\*
- ▶ M.S. in Civil Engineering\*
- ▶ M.S. in Environmental Engineering\*
- ▶ M.ENG. in Engineering Management, Project Management Track\*
- ▶ M.ENG. in Architectural Engineering\*
- ▶ M.ENG. in Urban Systems Engineering\*
- ▶ M.ENG. in Construction Engineering and Management\*
- ▶ M.ENG. in Energy Systems, Energy Conservation, and Buildings Track\*
- ▶ M.ENG. in Environmental Engineering\*
- ▶ Master of Public Works\*
- ▶ Master of Engineering Management, Project Management Track\*
- ▶ M.ENG. in Structural Engineering\*
- ▶ M.ENG. in Transportation Engineering\*

### Electrical and Computer Engineering

- ▶ Ph.D. in Computer Engineering\*
- ▶ Ph.D. in Electrical Engineering\*
- ▶ M.S. in Computer Engineering\*
- ▶ M.S. in Computer Engineering and Electrical Engineering\*
- ▶ M.S. in Electrical Engineering\*
- ▶ Master of Biomedical Imaging and Signals\*
- ▶ Master of Computer Engineering in Internet of Things\*
- ▶ Master of Cybersecurity Engineering\*
- ▶ Master of Electricity Markets\*
- ▶ M.ENG. in Advanced Manufacturing, Automation, and Control Systems Track\*
- ▶ M.ENG. in Artificial Intelligence for Computer Vision and Control\*
- ▶ M.ENG. in Energy Systems, Energy Transmission, and Markets Track\*
- ▶ M.ENG. in Wireless Communications and Computer Networks\*
- ▶ Master of Network Engineering\*
- ▶ Master of Power Engineering\*
- ▶ Master of VLSI and Microelectronics\*

### Industrial Technology and Management

- ▶ Master of Industrial Technology and Operations\*

### Mechanical, Materials, and Aerospace Engineering

- ▶ Ph.D. in Materials Science and Engineering\*
- ▶ Ph.D. in Mechanical and Aerospace Engineering\*
- ▶ M.S. in Advanced Manufacturing\*
- ▶ M.S. in Autonomous Systems and Robotics\*
- ▶ M.S. in Materials Science and Engineering\*
- ▶ M.S. in Mechanical and Aerospace Engineering\*
- ▶ Master of Computational Engineering, Computational Mechanics Track\*
- ▶ Master of Engineering Management, Product Design and Development Track\*
- ▶ M.ENG. in Energy Systems, Energy Generation, and Sustainability Track\*
- ▶ M.ENG. in Materials Science and Engineering\*
- ▶ M.ENG. in Advanced Manufacturing Additive Manufacturing Track\*
- ▶ M.ENG. in Advanced Manufacturing, Digital Manufacturing Track\*
- ▶ M.ENG. in Manufacturing Engineering, via Internet\*
- ▶ M.ENG. in Mechanical and Aerospace Engineering\*

## Chicago-Kent College of Law

- ▶ Doctor of Judicial Science (J.S.D.)
- ▶ Juris Doctor (J.D.)
- ▶ Master of Laws (LL.M.)—six discipline options
- ▶ LL.M. in Taxation
- ▶ LL.M. in International Intellectual Property Law
- ▶ LL.M. in Trial Advocacy for International Students
- ▶ LL.M./Master of Business Administration (*dual degree*)
- ▶ J.D./LL.M. in Global Business and Financial Law (*joint degree*)
- ▶ J.D./Master of Business Administration (*joint degree*)
- ▶ J.D./M.S. in Finance (*joint degree*)
- ▶ J.D./M.S. in Sustainability Analytics and Management (*joint degree*)
- ▶ J.D./Master of Public Administration (*joint degree*)

## College of Architecture

- ▶ Ph.D. in Architecture\*
- ▶ M.S. in Architecture\*
- ▶ Master of Architecture\*
- ▶ Master of High Performance Buildings
- ▶ Master of Tall Buildings and Vertical Urbanism
- ▶ Master of Landscape Architecture + Urbanism
- ▶ Master of Architecture/Master of Landscape Architecture (*dual degree*)\*

## College of Computing

### Applied Mathematics

- ▶ Ph.D. in Applied Mathematics\*
- ▶ M.S. in Applied Mathematics\*
- ▶ M.S. in Computational Decision Science and Operations Research\*
- ▶ Master of Applied Mathematics\*
- ▶ Master of Data Science\*

### Computer Science

- ▶ Ph.D. in Computer Science\*
- ▶ Master of Artificial Intelligence\*
- ▶ Master of Cybersecurity\*
- ▶ M.S. in Computer Science\*
- ▶ Master of Computer Science\*
- ▶ Master of Telecommunications and Software Engineering\*

### Information Technology and Management

- ▶ M.S. in Applied Cybersecurity and Digital Forensics\*
- ▶ Master of Cyberforensics and Security\*
- ▶ Master of Information Technology and Management\*
- ▶ M.S. in Information Technology and Management\*
- ▶ Ph.D. in Information Technology\*

## Institute of Design

- ▶ Ph.D. in Design
- ▶ Master of Design
- ▶ Master of Design Methods
- ▶ Master of Design/M.B.A. (*dual degree*)
- ▶ Master of Design/Master of Public Administration (*dual degree*)

## Lewis College of Science and Letters

### Biology

- ▶ Ph.D. in Biology\*
- ▶ M.S. in Biology\*
- ▶ M.S. in Biology for the Health Professions\*

### Chemistry

- ▶ Ph.D. in Chemistry\*
- ▶ Master of Materials Chemistry\*
- ▶ M.S. in Chemistry\*
- ▶ M.S. in Analytical Chemistry\*
- ▶ M.S. in Sensor Science and Technology\*

### Food Science and Nutrition

- ▶ Ph.D. in Food Science and Nutrition\*
- ▶ M.S. in Food Safety and Technology\*
- ▶ M.S. in Nutrition Science\*
- ▶ Master of Food Safety and Technology\*

## Humanities

- ▶ Ph.D. in Technology and Humanities
- ▶ M.S. in Technical Communication and Information Architecture\*
- ▶ M.S. in Technology and Humanities

## Physics

- ▶ Ph.D. in Physics\*
- ▶ M.S. in Applied Physics\*
- ▶ M.S. in Physics\*
- ▶ Master of Health Physics\*

## Psychology

- ▶ Ph.D. in Psychology with Specialization in Clinical Psychology
- ▶ Ph.D. in Industrial-Organizational Psychology\*
- ▶ Ph.D. in Rehabilitation Counseling Education
- ▶ M.S. in Clinical Counseling
- ▶ M.S. in Industrial-Organizational Psychology\*
- ▶ M.S. in People Analytics
- ▶ M.S. in Rehabilitation and Mental Health Counseling
- ▶ M.S. in Rehabilitation and Mental Health Counseling with Advanced Standing

## Stuart School of Business

- ▶ Ph.D. in Finance\*
- ▶ Ph.D. in Management Science and Analytics\*
- ▶ Master of Business Administration
- ▶ Master of Business Administration-Business Analytics\*
- ▶ Master of Business Administration-Technological Entrepreneurship
- ▶ Master of Design/M.B.A. (*dual degree*)
- ▶ Master of Management/Master of Computer Science (*dual degree*)\*
- ▶ Master of Management/M.S. in Industrial-Organizational Psychology (*dual degree*)\*
- ▶ Master of Management/Master of Information Technology and Management (*dual degree*)\*
- ▶ Master of Management/M.S. in Computer Science (*dual degree*)\*
- ▶ Master of Management/M.S. in Information Technology and Management (*dual degree*)\*
- ▶ Master of Public Administration
- ▶ Master of Public Administration in Analytics\*
- ▶ M.S. in Business Analytics\*
- ▶ M.S. in Finance\*
- ▶ M.S. in Management Science and Analytics\*
- ▶ M.S. in Marketing Analytics\*
- ▶ M.S. in Project Management\*
- ▶ M.S. in Sustainability Analytics and Management\*
- ▶ Master of Technological Entrepreneurship
- ▶ M.B.A./J.D. (*dual degree*)
- ▶ M.B.A./M.S. in Finance (*dual degree*)\*
- ▶ M.B.A./M.S. in Marketing Analytics (*dual degree*)\*
- ▶ M.B.A./M.S. in Sustainability Analytics and Management\*
- ▶ M.B.A./M.P.A. (*dual degree*)
- ▶ M.B.A./Master of Architecture (*dual degree*)\*
- ▶ M.P.A./Master of Design (*dual degree*)
- ▶ M.P.A./J.D. (*dual degree*)
- ▶ M.S. in Finance/J.D. (*dual degree*)\*

**\*STEM-designated programs, which are a gateway to OPT opportunities**

**Illinois Tech also offers more than 50 certificates in business, science, engineering, computing, and the humanities.**

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

**For detailed information on these degree programs, including certificate courses, visit**

**» [iit.edu/academics/programs](https://iit.edu/academics/programs)**



# Elevate Your Experience

At **Illinois Tech** we’re focused on empowering you to become an innovator and leader through advanced technical education and impactful hands-on experiences that ensure that you graduate with the skills needed to launch a great career.

Our one-of-a-kind Elevate program guarantees that you have access to outside-the-classroom experiences such as internships, research, short courses, and competitions. It also provides personalized academic and career mentorship, all in pursuit of ensuring that you graduate career-ready.

Through Elevate, you’ll develop highly relevant skills—such as emotional intelligence, tech development, creativity, computational thinking, and active learning—that global companies seek in their employees (and are beneficial for those seeking OPT and CPT).

And Elevate allows you to create your own journey at Illinois Tech. You’ll have the freedom to explore a variety of topics that interest you and find the right path that empowers you to Elevate your future.



Leila Mirghaderi  
(Ph.D. THUM '23)

**“I enjoyed my activities at Illinois Tech, and I am fortunate that such opportunities were available. There are many reasons why I engaged in the campus community. It was a way of giving back to the community that was kind to me. It was also a way to add to the advancement of knowledge. I gained priceless lessons in developing organizational, communication, and leadership skills.”**

Leila was one of the inaugural fellows of the Socially Responsible Modeling, Computation, and Design (SoReMo) initiative, where she studied social media and its use among influencers in Iran. She also helped to organize conference panels, presentations, and coordinator symposia while at Illinois Tech.



Brian Tauro  
(M.S. CS '19,  
PH.D. Student)

**“Having fundamental knowledge in core courses at Illinois Tech made my internship duties easier....I had the opportunity to work on research projects with my adviser, Kyle Hale. One project was to build a system call interception tool, ‘mktrace,’ for a research paper, which helped me to construct system call hijacking exploits in my internship.”**

An internship at Intel is already paying dividends for Brian, who learned the skills and developed the contacts needed to create opportunities for a future in security research. These hands-on experiences outside the classroom helped connect the skills that he learned in the classroom to his real-world opportunities.



Fenglin Wang  
(M.S. FIN '23)

**“My ultimate career goal is to become a successful individual investor, and I came to Stuart School of Business for my graduate studies to learn how to invest. One of the great benefits of Stuart is that you have a lot of opportunities and challenges to improve yourself.”**

Upon arriving at Illinois Tech’s Stuart School of Business, Fenglin joined Stuart Investments, which manages a \$1.2 million portfolio and serves as a hands-on training ground for students in equity research, fundamental analysis, valuation models, and portfolio analysis, eventually becoming the group’s fund manager. She also was part of Stuart teams that participated in two prestigious international competitions: the McGill International Portfolio Challenge and the CFA Institute Research Challenge.



# Research

## Access and Impact

It may come as no surprise that **Illinois Tech**—home of the country’s first industrial 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 advisers and mentors. You will receive personalized guidance during your graduate course of study.

**“My involvement in [research with Fermilab’s Superconducting Quantum Materials and Systems Center] has to do with work specifically involving field-programmable gate arrays and machine learning, which are skills I have built through the Embedded Computing and Signal Processing Research Laboratory and through the ECE curriculum. The lab has enabled me to explore avenues of research I never would have considered before I came here!”**



—Hans Johnson  
(M.S. EE '21, Ph.D. EE Candidate)



**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.**

IIT Research  
Institute



Chicago’s premier tech park, **University Technology Park at Illinois Tech**, 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.



# Faculty Expertise

Illinois Tech is committed to collaboration that blurs 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.



93%  
of Illinois Tech  
faculty members  
hold the highest  
degrees in their  
discipline.

Associate Professor of Information Technology and Management Maurice Dawson is the director of the Center for Cyber Security and Forensics Education—named a National Center of Academic Excellence in Cyber Defense by the U.S. Department of Homeland Security.

Made in Chicago

Changing the World

## Designing Better Health Care



Kim Erwin and Meghna Prakash  
Institute of Design

The Institute of Design's Equitable Healthcare Lab released a first-of-its-kind report highlighting the work and impact of designers in U.S. health systems—of which there was very little documentation of. Over the course of nine months, the team worked on developing *The Role of Design in U.S. Health Systems* using data from interviews with organizational leaders in health care to get an understanding of the design roles, the nature of the design work being done, organizational hierarchies, and how design and its impact is measured.

## Federal Award Funds Startup



David Minh  
Lewis College of Science and Letters

Robert E. Frey Jr. Endowed Chair in Chemistry David Minh, in partnership with his former student David Cooper (Medicinal Chemistry '24), is among the first faculty members at Illinois Tech to utilize the university's National Science Foundation's Accelerating Research Translation grant for the further development of Biagon, a startup that uses a machine learning algorithm to identify safer, effective drug compounds much faster than current drug research processes allow. This new process can help pharmaceutical and biotech companies develop safer drugs faster, with fewer side effects.

## The 'Gasoline' of Tomorrow?



Sameh Elsaidi and Mona Mohamed  
Lewis College of Science and Letters

A breakthrough discovery by a team of scientists from Illinois Tech and Massachusetts Institute of Technology may soon turn the idea of a vehicle running on water into a reality through the creation of a new catalyst that could bring fuel cells to the masses that are powered by nothing more than water. This device—which is patented by the team—solves both the infrastructure and cost problem that owners of these kinds of vehicles regularly face.

## Addressing Stormwater Infrastructure Inequities



Matthew Shapiro and Hao Huang (Lewis College of Science and Letters)

Maria Villalobos Hernandez and Ron Henderson (College of Architecture)

David Lambert and Brent Stephens (Armour College of Engineering)

A multidisciplinary team of Illinois Tech faculty are working together to address the growing concern about Chicago's stormwater infrastructure inequities. Through a \$750,000 Strengthening American Infrastructure grant through the National Science Foundation, the team is focusing on improving public understanding, assessing stormwater infrastructure disparities, and identifying viable policy options to address the issue.





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.

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.
- 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.
- Ed Kaplan Family Institute for Innovation and Tech Entrepreneurship**  
Home to the Institute of Design, media labs, collaboration/maker spaces, and emerging technologies, this innovation hub provides startup and venture capital-based programming.
- Financial Research Lab**  
Dual-monitor Bloomberg work stations that allow screen sharing from Bloomberg terminals.
- 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.
- Facilities in the College of Computing**  
Includes sophisticated information technology and management labs for embedded systems, real-time communications, and more.
- 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.
- Judge Abraham Lincoln Marovitz Courtroom**  
Modeled on the best courtrooms and trial advocacy training facilities in the country, it incorporates the latest computer and audiovisual technologies in a traditional setting.
- Libraries**  
Our library system offers research/writing assistance, laptop rental, 3D printers, and more—with separate libraries for law, architecture, food safety, and ethics scholarship and training.



Chicago-Kent  
College of Law

A+ Intellectual Property Law  
—preLaw Magazine (2024)

#12 Trial Advocacy  
#18 Intellectual Property Law  
#108 in the Nation Overall Ranking  
#20 Part-time Law Program  
—U.S. News & World Report (2024)



## Graduate Admission at Illinois Tech

10 West 33rd Street  
Perlstein Hall, Room 206  
Chicago, IL 60616

grad.admission@illinoistech.edu  
312.567.3020 (office)  
312.567.3138 (fax)



**Join us.**  
» [iit.edu/admissions-aid/apply](https://iit.edu/admissions-aid/apply)



**ILLINOIS  
TECH**