

IIT Achievements



DISTINCTIVE Education

innovative alumni > global sophistication > unique learning opportunities > entrepreneurial culture

INNOVATIVE Alumni

- Inventors of products and technologies such as the cell phone, Linksys, telestrator, Pentium processor, reactive compounds that led to the development of shade-changing transition eyeglasses, light meter to measure the effects of UV radiation on human skin, electro-optical night vision equipment, and the mechanism behind the perpetually burning flame at Arlington National Cemetery
- Visionaries in cable television, climate research, high technology, software quality, magnetic recording, barcode technology, first refractive surgery (vision correction) in the United States, architecture, design, astronomy, and engineering
- Two National Medal of Technology and Innovation winners and one Nobel Laureate
- 32 members of the National Academy of Engineering

GLOBAL Sophistication

connected to the world > international alumni > global partnerships > historic Main Campus

- International alumni include the chairman of one of the largest architecture firms in the world, one of *Fortune's* 50 smartest people in technology, and the co-founder of the Chinese version of PayPal.
- IIT's Mies van der Rohe-designed Main Campus is on the National Register of Historic Places and brings visitors from around the world. Other architecture on campus includes designs by Rem Koolhaas and Helmut Jahn.
- IIT has international alliances with universities around the world: France, China, India, South Korea, Colombia, Germany, Jordan, Japan, Malaysia, Mexico, Spain, Switzerland, Sweden, Serbia, Taiwan, Uruguay, Turkey, Brazil.

UNIQUE Learning Opportunities

technology-focused > open-ended learning > relevant > educating tomorrow's leaders

- The Interprofessional Projects (IPRO) Program joins students from a variety of majors and backgrounds to study real-world problems.
- Undergraduate research includes opportunities in areas such as diabetes, molecular biology, hybrid electric vehicles, and sustainability.
- The IIT Leadership Academy offers full-tuition scholarships to a select number of IIT students who demonstrate exceptional leadership potential.
- The IIT Camras Scholars Program brings the best students from around the nation to the university.
- The Duchossois Leadership Scholars, a nationally preeminent, elite scholarship program, challenges top students—through course study, mentorships, internships, service, and leadership development activities—to think boldly and creatively in their field, and across disciplines.

ENTREPRENEURIAL Culture

bold ideas > commitment to excellence > value to society

- The IIT Idea Shop is the home for the IPRO experience, and will host a variety of entrepreneurial and educational endeavors.
- University Technology Park at IIT serves as an incubator for new business.
- The Knapp Entrepreneurship Center offers students advice, mentorship, and links to funding opportunities so they can pursue their entrepreneurial endeavors.
- The Kern Innovation and Entrepreneurship Academy offers a student-centered curriculum at IIT for engineering students interested in developing entrepreneurial skills.
- The IIT Stuart School of Business Entrepreneurship Academy is a university-wide initiative focused on coursework, an entrepreneurship minor, extracurricular experiential learning experiences, and a formal support system to help students, faculty, and alumni innovate new ideas and successfully take them to the marketplace.





INNOVATIVE Research and Scholarship

distinctive programs > globally focused > partnerships with major research institutions and universities

IIT's flagship interdisciplinary research institutes include:

- National Center for Food Safety and Technology, a unique research consortium composed of the United States FDA Center for Food Safety and Applied Nutrition, the food industry, and IIT
- Pritzker Institute for Biomedical Science and Engineering, an umbrella organization that enhances the biomedical science and engineering research activities at IIT
- Wanger Institute for Sustainable Energy Research, an umbrella organization that joins energy and sustainability research and educational activities across the colleges and institutes at IIT

STRONG Community Partnerships

history of partnership with Chicago > educating citizens to excel > improving education for youth

- IIT has helped to transform the near South Side of Chicago, which includes new mixed-income housing, retail stores and jobs, IIT's University Technology Park, and a forthcoming Metra Station.
- The Collens Scholarship Program provides full-tuition scholarships for Chicago Public Schools students whose families earn \$45,000 or less per year.
- IIT is involved in summer institutes and programs sponsored by companies such as Exelon, Motorola, Boeing, and Toyota.
- IIT's Department of Mathematics and Science Education plays a key role in curriculum development for Chicago public and charter schools.

VISIONARY Programs

historic reputation > toward the next level of national higher education > new leadership and vision

Top programs:

- IIT's Institute for Design is ranked by *Businessweek* magazine as one of the best programs of its kind in the country.
- Intellectual property law and policy
- Smart grid technology
- Landscape architecture
- Interprofessional Projects (IPRO) Program and Idea Shop
- National Consortium on Stigma and Experience
- Center for the Study of Ethics in the Professions
- Medical imaging
- Transportation engineering
- Mathematical finance
- Environmental management and sustainability



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