Innovation.

Its catalyst is passion—a combination of imagination and persistence that inspires certain people to look forward and go beyond what is.

It is the process of looking at the world through a different lens to find solutions to big problems.

It leads to new products and novel approaches to doing business.

Innovation is one of the most powerful societal and economic engines we have—and it needs a special type of fuel.
IIT College of Science educates outstanding math- and science-oriented students who want to make a difference in the world. The college is the source of the core knowledge that drives innovation, and it offers students a rigorous, academically demanding education that is relevant and grounded in real-world experiences. The college’s programs provide students with multiple pathways to the future—whether graduate school, business and industry, or entrepreneurship—in or outside of their own discipline.

A Tradition of Providing an Outstanding Math and Science Foundation

IIT math and science students have contributed to the understanding of our planet and have pioneered new technologies. As a young chemist, Susan Solomon (CHEM ’77) conducted research in Antarctica that fueled her breakthrough discovery—that manmade chlorofluorocarbons destroy the ozone layer—which led her to win the President’s National Medal of Science in 1999. She also co-chaired the Intergovernmental Panel on Climate Change, which won the 2007 Nobel Peace Prize. As a young computer scientist, Victor Tsao (M.S. CS ’80) explored new communication protocols between computers and later founded Linksys, which brought wireless home networking to the world and changed the industry.

College of Science faculty are leading international research at CERN, Fermilab, and other sites worldwide, and are pioneering studies in materials and biological structure at Argonne National Laboratory. Our strong partnerships in Chicago, a world-class science city, offer students and internationally renowned faculty opportunities to work with outstanding people outside of IIT in areas such as nuclear and particle physics, biotechnology, and computer science.

Creating Multiple Career Pathways

IIT College of Science provides students with diverse pathways to their future, from further study at the highest-tier graduate schools to careers in business or industry to commercial startups. We continue to develop forward-looking curricula and programs to ensure that our students’ preparation remains relevant as the world’s needs change.

IIT College of Science Mission: To create and share mathematical, computational, and scientific knowledge, and to join with colleagues and partners in advancing new and innovative education, scholarship, research, and application.

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