

ESTEEM

GRADUATE PROGRAM

Master's in Entrepreneurship, Technology, & Innovation

Naughton Fellowship

Irish students earn a Master's degree in one year through ESTEEM. This program immerses a student in graduate-level study of innovation, entrepreneurship, and general business, designed to complement and make more marketable a student's scientific, technical, and engineering skills.

The ESTEEM experience includes travel to Chicago and Silicon Valley, weekly conversations with executives at companies such as Google and Synack, in-house opportunities for funding your ventures, and access to prototyping facilities at a world-class American university.

Awarded students earn a full tuition scholarship, a \$17,000 stipend and full health insurance subsidy.

ESTEEM emphasizes the action of entrepreneurship, not just the study of it.

STUDENTS

56 students from various STEM fields

52% female, 23% minority, 23% international

1 in 4 alums are in startups, 28% as founders or co-founders

PROGRAM

An 11 month deep dive into the business of innovation

Capstone Project: go-to-market approach with ND-based research, industry-sponsored projects or Founder's Idea



Irish Students at ESTEEM

2010-2020

Academic Background

In the last 10 years, 56 Irish students have attended ESTEEM following their undergraduate studies at:

- Dublin City University
- National University of Ireland Galway
- Trinity College Dublin
- University College Cork
- University College Dublin

They come from a wide range of academic backgrounds including Biochemistry, Biomedical Engineering, Biomedical Sciences, Biopharmaceutical Science, Business Information Systems, Chemical Engineering, Civil & Environmental Engineering, Computer Engineering, Computer Science, Electrical and Electronic Engineering, Energy Engineering, Immunology, Management Science and Information Systems Science, Mathematical Science, Mechanical & Manufacturing Engineering, Mechanical Engineering, Nanoscience, Physics, and Software Engineering.

After ESTEEM

Eight (8) of the 56 Irish students are current ESTEEM students. The remaining 48 are employed around the world:

- **Thirty (37)** in the United States including major cities such as New York City, Chicago, San Francisco, San Diego, Boston, Washington, D.C.
- **Five (5)** in Ireland
- **Four (4)** in the United Kingdom
- **One (1)** in Germany
- **One (1)** in Switzerland

Our Irish graduates have found work in a number of different industries following their studies at ESTEEM, including:

- **Technology:** Apple, Uber, Facebook, Palantir, SAP
- **Consulting:** Avanade, McKinsey, Bain, Deloitte, E&Y, IQVIA, DayBlink, PwC
- **Startups/Early Stage Companies:** Cyndx, Telnyx, Modern Treasury, Springboard, teacherCODE
- **Healthcare/Medical:** DigiBio, Personalis, Cerner



Seán Bolton (2017-18)



Major: Computer Engineering
College: National University of Ireland, Galway
Why I chose ESTEEM: "I want to complement my engineering background with business and finance expertise, giving me all the tools required to establish my own tech startup."

My capstone project: "I'm working with NeoPhotonics, a leading manufacturer and designer of subsystems used in high-speed communication networks, to develop and validate emerging technologies in new markets. I'm delighted to be working with such a progressive company. Having the opportunity to work on a real-world project will teach me the skills required in the workplace and beyond."

Alison Hennessy (2017-18)



Major: Nanoscience
College: University of Dublin, Trinity College
Why I chose ESTEEM: "I wanted to find a way to bring my scientific knowledge and professional experiences to the forefront of the business world. I believe ESTEEM is the perfect launching pad for me to achieve my ambition and realise my potential."

My capstone project: "I am working with Ratio Innovation Management setting up an EnergyTech Fusion Center here in South Bend. This center will bring together a diverse group of people and help solve the challenges, both present and future, facing the energy industry. The energy sector is an area I am really passionate about and I'm very excited to be working on this project."

Odhran Reidy (2018-19)



Major: Electronic and Electrical Engineering
College: University College Cork
Why I chose ESTEEM: "ESTEEM, for me, represented the perfect balance of adventure and education. I came to the program hoping to develop new strengths and find new interests while meeting brilliant new people and experiencing new things."

My capstone project: "I'm working on finding healthcare applications for the next generation of short-range 3D laser scanning technology. I'm thrilled to have the opportunity to work with NeoPhotonics, a world-renowned electronics manufacturer."

David Gormley (2018-19)



Major: Electrical Engineering
College: University College Dublin
Why I chose ESTEEM: "ESTEEM is for anyone with a STEM background who are looking to dive deep into the ocean of entrepreneurship. For me, it is the perfect opportunity to apply my technical background to real world problems."

My capstone project: "The focus of my thesis is on the analysis of how Avanade, the largest Microsoft systems integrator in the world, can continue to help their clients transform with data and AI, capture the new market opportunity and seek actionable strategies and solutions while adhering to global data regulations and the ethical use of data."

Evan Cannon (2019-20)



Major: Biomedical Engineering
College: National University of Ireland Galway
Why I chose ESTEEM: "The ESTEEM and Notre Dame alumni network is very dedicated to helping current and former students in any way they can, so that was a huge pull factor for me in choosing ESTEEM."

My capstone project: "I will be working on commercializing a new treatment for a rare disease. It is incredibly exciting as a biomedical engineer to be involved in bringing a treatment to market that will save people's lives."

Niamh Collins (2019-20)



Major: Electrical and Electronic Engineering
College: University College Cork
Why I chose ESTEEM: "I chose ESTEEM as an Irish student of electrical and electronic engineering looking to further my skill set, meet new people and start a career in innovation in the US."

My capstone project: "My project entails the integration of an innovative functionality in a connected bathroom ecosystem, offering a unique solution to long bathroom queues and stall occupancy ambiguity."

Sam Gray (2019-20)



Major: Neuroscience
College: Trinity College Dublin
Why I chose ESTEEM: As a medical student and subsequently as a doctor, I was drawn to the chance to impact on the future of healthcare through entrepreneurship, engineering and technology.

My capstone project: "I am working with a large medical device company to develop a novel technology to improve surgical outcomes."

Ellen Joyce (2019-20)



Major: Management Science and Information Systems Studies
College: Trinity College Dublin
Why I chose ESTEEM: I chose ESTEEM because I had previous experience working in large businesses and consulting and from this, I knew I wanted to work in a small start-up or even better, my own start-up.

My capstone project: "I am working with a small company that is a start-up in the west of Ireland who are at the forefront of the industry. It's a fast-paced project involving the integration of software systems that will be making a massive impact in farmer's lives."

Notre Dame ESTEEM Graduate Program & Naughton Fellowship

1-year, fully-funded Master's degree
application deadline: March 1, 2020
apply at esteem.nd.edu

