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The ESTEEM program is on a rolling admissions cycle and will be accepting applications well into June for the 2012-2013 academic year. Apply now at esteem.nd.edu.

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The University of Notre Dame’s one-year Engineering, Science, and Technology Entrepreneurship Master’s (ESTEEM) program will give you the balanced foundation of technical and business knowledge necessary to master the modern marketplace and become a leading innovator among the world’s most successful start-ups and corporations.

ESTEEM students work in the real world to commercialize state-of-the-art technology born at the University of Notre Dame. A truly hands-on program, ESTEEM is a one-year immersion in the process of innovation and the capitalization of technology.

From start-up companies to launching new products and services at some of the most recognized companies in the world, innovation and entrepreneurship are at the heart of the Notre Dame spirit. Put your energy, your skills, and your passion for wanting to make the world a better place to work in bringing new products and services to the global marketplace. Let ESTEEM help you be that change you want to see in the world.
Kelly Deranek ’11 and Michelle Kappes ’11 both landed technical sales positions at Zimmer Corporation, a world leader in innovative orthopedic solutions. Michelle worked with Prof. Ryan Roeder in the Aerospace and Mechanical Engineering Department and designed the company Corepedics which focused on new orthopedic materials for use in spinal implants.

Kelly Deranek worked with Prof. Paul Huber in the Department of Chemistry and Biochemistry to examine the toxicity of nanoparticles in frog embryos, which provide an efficient model to observe potentially damaging effects that nanoparticles can have on development. Under the guidance of Prof. Huber, Kelly devised a business model based upon a high-throughput screening method that companies could use to ensure their products containing nanoparticles are safe.

“I never thought I would learn the extent of technical engineering and business skills that I did in such a short amount of time. ESTEEM taught me how to tap into the medical device industry to deliver an innovative, efficient, and stable product to the customer.” —Michelle Kappes ’11

Read more about Michelle and Kelly here.

2011 ESTEEM graduate Michael Dean parlayed his ESTEEM experience into a position at biotechnology startup ArterioCyte, fully capitalizing on his undergraduate degree from the University of Notre Dame in Science-Business.

Michael’s ESTEEM project which was under the direction of faculty mentor Prof. Richard E. Taylor, was the establishment of an online chemical “clearing house” that would facilitate the sale of novel chemicals produced in academic laboratories that could then be used by other researchers for a variety of purposes.

“ESTEEM challenged me to apply my chemistry skills in conjunction with accounting, marketing, finance, and strategy. I highly recommend ESTEEM to anyone interested in using their technical background to advance scientific concepts as an entrepreneur.” —Michael Dean ’11

Read more about Michael here.

After a career in the U.S. Air Force, current 2012 ESTEEM student Angel Casaigne set to work with Prof. Ahsan Kareem, the Robert M. Moran Professor of Engineering in the Department of Civil Engineering and Geological Sciences on developing SmartSync, a structural health monitoring system.

“ESTEEM professors are world-class, both in their technical disciplines and the business realm as well. They’ve actually gone out there and done it, which lends an extra level of insight and gravity to their lessons. The ESTEEM program was the perfect starting point; it’s given me all the tools I need to start my own business and be my own boss.” —Angel Casaigne ’12

Read more about Angel here.

Kristopher Priemer ’11 is currently continuing to develop his capstone thesis business plan and his start up venture, Mercuri Trading. Kris is working to provide financial firms with innovative back office software tools to manage the daily workflow of bond trading. In addition, he currently works for Carex Technologies, a start up headquartered in Innovation Park. The ultimate goal of all these ventures is to facilitate efficient workflow and communication in client companies.

“My undergraduate degree gave me the technical foundation to think analytically and critically. The ESTEEM program compliments and enhanced these skills by providing me with the business tools to utilize this technical knowledge to build sustainable business ventures.” —Kristopher Priemer ’11

Read more about Kristopher here.