

Illinois Institute of Technology/Armour College of Engineering
10 West 33rd Street, Chicago, IL 60616

March 23, 2015

President of the United States
The White House
1600 Pennsylvania Avenue NW
Washington, DC 20500

Dear Mr. President,

At IIT Armour College of Engineering we educate students to be leaders in the development and use of multidisciplinary approaches and technology to solve complex, socially critical problems of global impact. We are committed to excellence in technology-focused education with a renewed emphasis on the entrepreneurial and ethical practice of engineering.

Our current curricular, co-curricular, and enrichment programs integrate innovative thought, entrepreneurship, creativity and design with engineering theory, research, and practice.

Specific programs at IIT towards meeting the goals in the “joint deans letter”, include:

The IIT Engineering Themes: A group of experiences that support a comprehensive multidisciplinary education that revolves around areas of high significant and global impact. Through on- and off-campus opportunities, students explore engineering solutions to Grand Challenges. Our current Themes of disciplinary focus are *Energy, Water, Health, Security*.

Armour R&D: A hands-on Research and Development program based on projects and ideas developed by student-faculty teams. It consists of two programs: PURE & MIND. The Program for Undergraduate Research Education (PURE) focuses on fundamental engineering research exploring problems that face society today. Mentored INnovation and Development (MIND) focuses on the development and implementation of technology based solutions.

IPRO: The inter-professional projects (IPRO)¹ provide our students with team work, leadership, and project management skills while contributing to the broad education necessary to understand the impact of engineering solutions in global, economic, environmental and societal context. Our engineering college designs and implements IPRO courses with themes of disciplinary focus addressing tangible, real-world issues. Our current focus theme is *Urban Systems*.

Sincerely,



Natacha DePaola, Ph.D.

Carol and Ed Kaplan Armour Dean of Engineering, Professor of Biomedical Engineering.

¹Recognized by the NAE as one of 29 program in the nation successfully “*Infusing Real World Experiences into Engineering Education*”. Washington, DC: The National Academies Press, 2012.



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