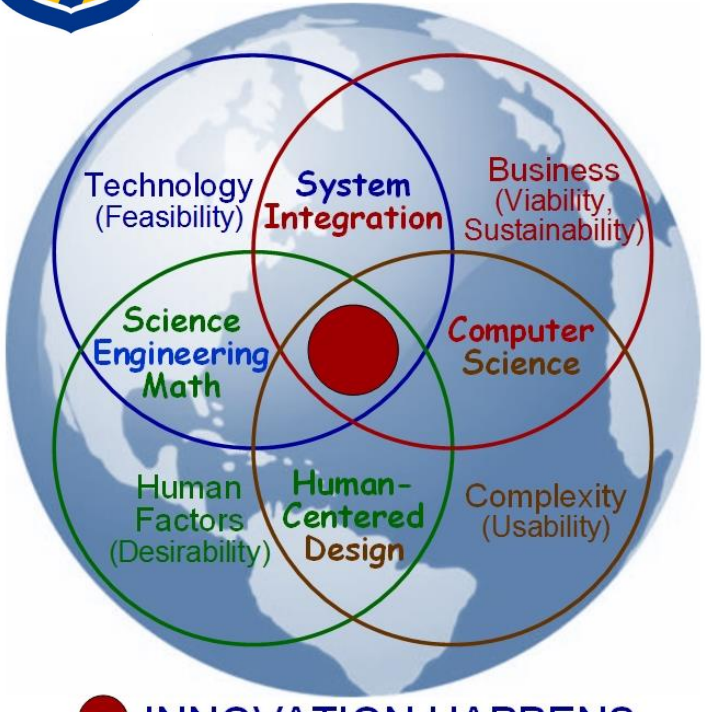
Innovate or Perish

Hofstra University Center for Innovation

Kevin Craig graduated from the United States Military Academy at West Point, NY, with a B.S. degree and a commission as an officer in the U.S. Army. He received the M.S., M.Phil., and Ph.D. degrees from Columbia University, NY. He worked in the mechanical-nuclear design department of Ebasco Services, Inc., and as a research engineer at the U.S. Army Armament Research, Development, and Engineering Center (ARDEC) Automation and Robotics Laboratory. In 1989, he joined the faculty at Rensselaer Polytechnic Institute (RPI), NY. As a tenured full professor of mechanical engineering, he developed the Mechatronics Program at RPI and taught and performed research in the areas of mechatronic system design and the modeling, analysis, and control of multidisciplinary engineering systems. He collaborated extensively with the Xerox Mechanical Engineering Sciences Laboratory (MESL), an offshoot of Xerox PARC. During his 18 years at RPI, he graduated 20 Ph.D. students. At RPI, he received the two highest awards conferred for teaching: the 2006 School of Engineering Education Excellence Award and the 2006 Trustees' Outstanding Teacher Award.

Over the past 20 years, he has conducted hands-on, integrated, customized, mechatronics workshops for practicing engineers nationally and internationally. He is a Fellow of the ASME and a member of the IEEE and the ASEE. He was given the 2014 ASME Outstanding Design Educator Award, a society award.

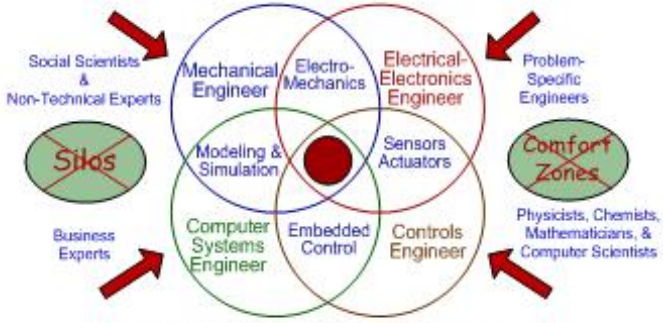
In the fall of 2014, he came to the Hofstra University School of Engineering and Applied Science as a tenured full professor of mechanical engineering. He is the Director of the Mechatronics Laboratory, and also the Director of the Center for Innovation, a new center he created to collaborate with business and industry to foster innovation, where all intellectual property (IP) belongs to the sponsor.

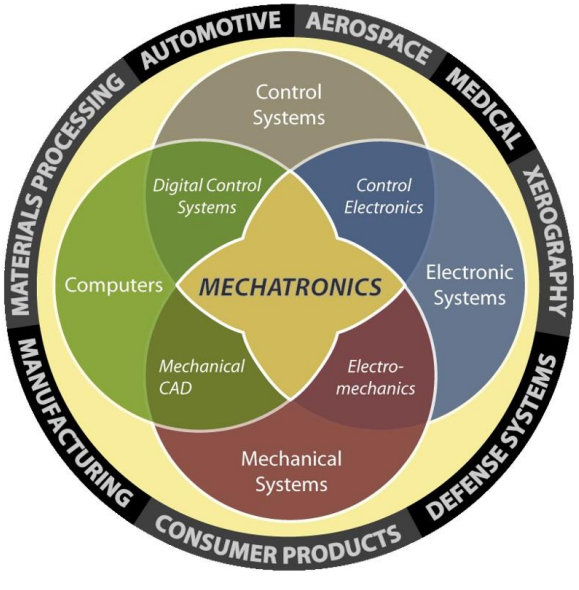


INNOVATION HAPPENS

The School of Engineering and Applied Science (SEAS) has invested millions of dollars in new laboratories and facilities and created a **Center for Innovation** to team professors, designers, and experts with business, research centers, and industry to innovate. Innovation is local – you don't import it, you don't export it, you create it. Innovative solutions require a new way of thinking, communicating, and doing. Work is performed by experts, intellectual property is held by the partnering company, and the overhead cost of 25% is used totally for SEAS engineering labs, equipment and software.

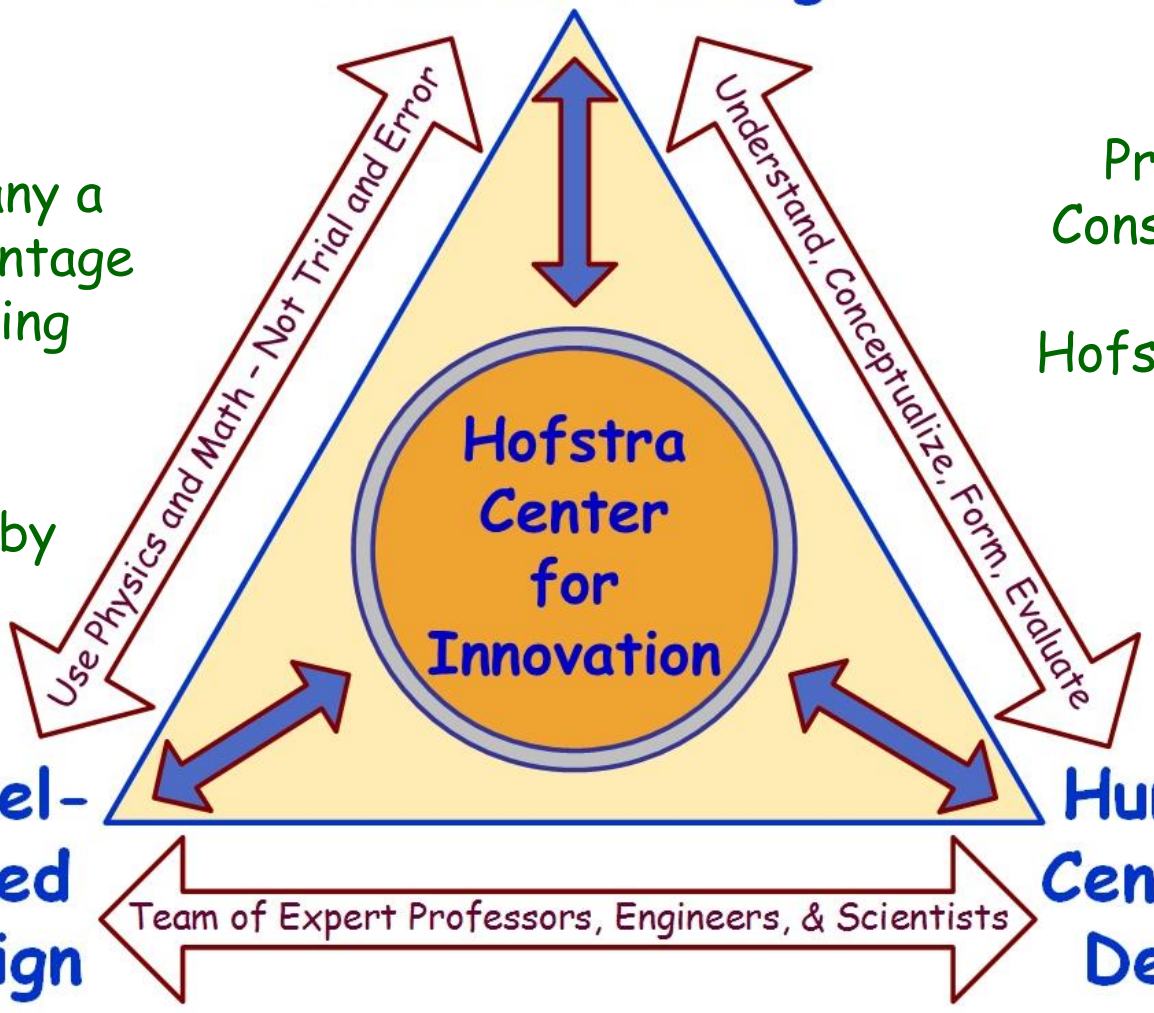
Partner With Us To Innovate!





Project Deliverables & Cost Jointly Determined with a 25% Overhead

All Intellectual Property Belongs to the Sponsor



Give Your Company a Competitive Advantage Through Modeling

Project Teams Consist of Experts from Hofstra & Anywhere

Work performed by Ph.D. Engineers & Scientists

Project Time Frame: 3-6 months

" Hofstra's Center for Innovation offered ThermoLift state-of-the-art mechatronic technologies combined with industrial experience to develop our complex controller requirements." Paul Schwartz, CEO ThermoLift, 9/16/2016

Contact: Dr. Kevin Craig e-mail: kevin.c.craig@hofstra.edu Phone: 518-858-3771