Focus on Student Projects

Welcome to our issue focusing on student projects. Hands-on and experiential learning are at the core of the CETA learning experience. Our students take advantage of the many project opportunities during their studies that enrich their understanding of principles developed in the classroom. We understand that a CETA student is anxious to create, design, build, and test. These interests are why they chose architecture, engineering, or technology and why they chose CETA.

We pride ourselves on our many external partnerships with industry that deliver opportunities to work on real-world applications. Our partners bring us the critical needs and the urgency of their industries, and so our students acquire career readiness skills that launch them so effectively into their own careers. CETA students enjoy the benefits of the rich mosaic of projects, partnerships, and career readiness activities that prepare them well to address the challenges of the fast-paced global economy.

Louis Manzione, Dean

CETA Design Expo Spring 2016 held at the University’s Sports Center.
CETA STUDENTS GAINED valuable experience and contacts through summer internships in many different fields.

They tested their skills and explored career options at companies and facilities such as:

- Altra Industrial Motion
- Connecticut Department of Transportation
- General Dynamics Electric Boat
- Hartford Hospital
- Kaman
- Pratt & Whitney
- Turner
- UTC Aerospace Systems

“Students have completed internships with a full-time offer. Others have received full-time offers upon graduation in May 2017.” —Ricky Barrett

Internship titles students have held include:
- Design Engineering Intern
- Production Intern
- Junior Project Manager

Angel Muñoz ’17 worked in NBC’s “Primetime Studio,” changing audio levels and helping to mix sound for Bob Costas.

Employers and students can post and apply for internship opportunities directly through the University’s Career Center. Please contact Ricky Barrett at ribarrett@hartford.edu.
Angel Muñoz ’17: Part of the Rio Olympics Technical Team at NBC

Qualifying to join NBC’s staff at the Olympics may not be as difficult as the work to win a medal, but the competition can be equally difficult. Just ask Angel Muñoz ’17, who was one of thousands of young people who applied for a coveted intern position on the network’s production team at the Games. As it turns out, he was the only engineering student selected to help broadcast them to millions of viewers around the world.

Angel, an audio engineering technology major, went to Rio, “expecting to be in a pool of ‘runner’ interns with general duties.” Instead, he says he was, “actually interning directly with the A1 engineer, who mixes all the sound for the show, and the A2 engineer, who sets up technical equipment for the sound. I couldn’t believe I was putting a microphone on Bob Costas during rehearsal.”

Angel’s dream of interning at the Olympics started during his first year at the University, when he learned that Joe Dziok, a music production and technology major in The Hartt School, interned at the 2014 winter games in Soche, Russia. Angel’s advisor, Assistant Professor of Electrical and Computer Engineering David Shuman, supported him in his quest to intern in Rio.

“Angel has a worldliness about him that, when combined with how studious he is and how hard he works, is a great mix for broadcast,” says Shuman. Additionally, Shuman points out that the University’s audio technology program is more technical and hands-on than most in the country. “Our students tend to advance very quickly once people understand their technical capabilities.”

Angel was in Rio from July 17 to August 24. He says NBC, “took great care of its interns with sightseeing trips and hosting dinners with athletes and network employees.” He used this time to make connections. “Broadcasting is a great world to work in. It’s a long road and a lot of hard work, but I’m up for it.”

hartford.edu/rioolympics
CETA BOARD OF VISITORS, 2016–17

CHAIR
Carol Coppa ’81, P’17
Program Manager, Transmission Projects, Eversource Energy

MEMBERS
Marc Andrukiewicz ’80
Vice President, Gas Engineering, Eversource Energy

Lou Auletta P’16
President & CEO, Bauer, Inc.

Micaela Bulich ’85
Vice President, Wind Turbines, General Electric

Robert Carr ’93
Vice President, Zuvc, Carr & Associates, Inc.

Matthew Cohen ’91, P’16
Vice President, R&D Medtronic, Covidien Group

Leslie Haines ’85
Vice President, Parsons Corporation

Jeff Katz ’77
Chief Technology Officer, Energy and Utilities, IBM

Edward Paradise ’78
Vice President Engineering, Security & Trust Organization, Cisco Systems

Gregory Steiner
President, Kaman Aerospace Group, Inc.

Joe Sylvestro ’90
Vice President, Aftermarket Operations, Pratt & Whitney

HONORARY MEMBERS
Frank Hursey ’77
President, On Site Gas Systems

Gary Masse ’85
CEO, Coveris

Chuck Pagano ’84
Retired, Chief Technology Officer, ESPN

Paul Sittard ’85
North American Sales Manager, First Sensor, Inc.

LIFE MEMBERS
Charles Ward ’92
IT Professional

David Ward P’92
Consultant

Douglas Ward
ERISA Consultant, Mass Mutual Financial Group

MEMBERS EX OFFICIO
Louis Manzione
Dean, College of Engineering, Technology, and Architecture

Hisham Alnajjar
Associate Dean, College of Engineering, Technology, and Architecture

Kate Pendergast
Interim Vice President for Institutional Advancement, University of Hartford

Michaela Catallozzi ’11
Liaison to the University’s Alumni Board, Project Engineer, C.E. Floyd Company, Inc.

INTERESTED IN JOINING CETA’S BOARD OF VISITORS?
If so, please contact Dean Lou Manzione at manzione@hartford.edu.

CETA DESIGN EXPO: SPRING 2016

Showcasing Student Projects and Achievements

CETA celebrated the accomplishments of winners of the CETA Design Expo: Spring 2016 poster competitions.

Winners of the ES 242
Engineering by Design
Sophomore Poster Competition
focused on ways to improve safety among older adults in their daily lives.

1st Place
Mikaela Nelson, Thienly Nguyen, Jathnan Alzabadin, and Matthew Bernocco
Sensory Deterioration

2nd Place
Kyle Bergman, Ahmad Alotaibi, and Andrew Strakhman
Fall Tracking and Injury Prevention System

HONORARY MEMBERS

LIFE MEMBERS

MEMBERS EX OFFICIO

In addition to the faculty and staff who organized, served, and judged the event, we wish to give special thanks to all those who attended and viewed students’ work, and to the following external reviewers who assisted as judges:

Winners of Senior Design/Capstone Competition

1st Place: Architecture
Liana Pangburn
Mobile Medical Unit(s) - Africa

1st Place: Engineering
Kim Colavito, Amanda Czerwiec, and Erin Lavelle
Podunk River Bridge Replacement

1st Place: Technology
Hunter Russel and Martin Mercer
Motorcycle Jacket with Lights

2nd Place: Engineering
Ahmad Ashkanani, Mark Markiewicz, Carl Mitchell, and Mofareh Almakhalas
Lock & Go

2nd Place: Engineering
Erick Latvis, Kevin Miller, and Gianna Sabino
Lock & Go

Doug Alexander, XL Caitlin
Racquel Brown AS ’04, ’05, Otis Elevator
Christopher Madison, CESI Hartford Hospital
Claudia Oakes, ENHP
Beth Richards, A&S
Jason Schultz ’15, Stantec
Charles Ward ’92, IT Professional

Kevin Ball, ENHP
Jeff Fournier, Carlin Contracting
Mariana Miller ’11, ME ’13, Conn. Department of Energy and Environmental Protection
Ron Prihar, Pratt & Whitney
Larissa Schroeder, A&S
Jay Vaillancourt, XL Caitlin
Terri Wilson, BEACON