



## College of Technology Site Coordinator's Meeting

Date: Friday, January 20, 2017 Time: 9:30AM  
Hosted by: University of Connecticut  
2110 Hillside Rd., Storrs, CT 06269  
Building: Student Union Room: 304



### MINUTES

#### Welcome Remarks – Dr. Michael Accorsi, Senior Associate Dean, School of Engineering, University of Connecticut (UConn)

- Manufacturing is strong in Connecticut.
- UConn is part of Manufacturing USA initiatives. This is a great opportunity to bring lots of people together nationally. Federal funding for this has been approximately \$80 million.
  - UConn is a partner with three of the Manufacturing USA institutes:
    - NextFlex – flexible electronics which is a transformative technology; led by the Air Force
    - Clean Energy Smart Manufacturing Innovation Institute (CESMII) – purpose is to use large amount of sensors in manufacturing facilities to analyze data and make decisions on how to reduce energy used in manufacturing; led by Department of Energy; test bed facility at CCAT would be open for anyone to use; UConn wants to put teams together to work on proposals for upcoming project call, if interested people can be added to mailing list
    - ARM Institute – Focus is on robotics; will have a project call; one goal is to get robots in all CT community colleges for student training.
- UConn's Connecticut Manufacturing Simulation Center will be located in the new Tech Park and there is interest in working with the community colleges there.
- The Tech Park is a way to create partnerships with industry. Community colleges can let UConn know if there is anything they would like to utilize at the Tech Park.

#### UConn National Science Foundation Initiatives & Partnerships with the College of Technology - Dr. Daniel Burkey, Associate Dean for Undergraduate Education and Diversity

- Entrepreneurial Research Experiences for Undergraduates (REU) Partnership
  - Will take place over the summer; not discipline-specific; recommended for strong second-year students; 12 projects that have high commercializability; 100 applicants nationwide so far; need to be a US citizen; March 15<sup>th</sup> application deadline; UConn is willing to include College of Technology faculty research projects next year.
- NSF Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (INCLUDES) Partnership
  - Goal is to increase diversity, National Science Foundation (NSF) feels there has not been a big enough increase in diversity in projects it has funded.
  - Groups that are funded have to be willing to work collectively for impact. Projects also have to be repetitive.
  - Proposal is due mid-February. Currently in the pre-proposal stage which would award approximately \$200K-\$300K.
  - The NSF is going to have national alliances around this. UConn's proposal will focus on Teacher/Professional Development and Student Mentoring. An example would be changing how

teachers talk to students in the classroom in order to promote engagement and getting together more with K-12 educators.

- UConn's original proposal had proposed a community partnership.
- Other ideas are to increase student diversity by increasing faculty diversity and to have a diverse student population as mentors to K-12 students.
- The upcoming proposal will tap into a broader mentoring program.
- UConn has been talking to the CT Science Center about professional development since they have a successful program.
- If interested in participating, contact Dan Burkey.
- So far the school districts of Manchester, East Hartford, and Windsor have been involved, but UConn is looking to add more school districts. This can be accomplished by working with the community colleges.

#### **Discussion/Questions on UConn School of Engineering Curriculum and Admissions –ALL**

- The current UConn School of Engineering programs that have higher GPA requirements are Mechanical Engineering, Computer Science, Computer Science Engineering, and Biomedical Engineering. A GPA of approximately 3.2 or higher is needed.
- The Transfer Admissions Office handles course evaluations.
  - Some community college course recommendations to meet UConn's general education requirements are:
    - Philosophy 111
    - Diversity & International Requirements (one from each)
      - Diversity – Women in Literature
      - International – Anthropology, Geography
    - W Course requirements – Usually senior design at UConn satisfies one of these, but students will still have to take another one. Requirements can be found on the General Education Oversight Committee's (GEOC) website.
  - Community College students will usually have to take one or two more general education classes when they transfer to UConn.
  - UConn will send a list of suggested community college courses that fulfill general education requirements at UConn.

#### **Regional Center for Next Generation Manufacturing Updates**

- The College of Technology has a new simplified version of the advanced manufacturing certificate crosswalk that will be distributed.
- The Summer Teachers Workshop is being scheduled for July 10-14, 2017.

#### **Mechanical & Manufacturing Engineering Technologies (MET<sup>2</sup>) Program – Chuck Paulsen, Associate Director, MET<sup>2</sup> Program**

- There are 50 students working on 10 projects this year.

#### **CT Business and Industry Association (CBIA) Education & Workforce Partnership Updates – Lisa Buongiorno, Program Manager, CBIA Education & Workforce Partnership**

- Working on the Maker Faire newsletter.
- There are three students to film for veterans in manufacturing profiles.
- A manufacturing student expo is being planned. It will be hosted at Three Rivers Community College.
- The School Counselor Workshop will take place on May 5<sup>th</sup> at Manchester Community College.

**Upcoming COT Meetings**

February 24, 2017 – Naugatuck Valley Community College

March 2017 – Central CT State University

April 28, 2017 – University of Hartford

May 12, 2017 – Asnuntuck Community College

**Important Dates**

May 5, 2017 – Epsilon Pi Tau Induction Ceremony – Manchester Community College

May 16-18, 2017 – EASTEC – West Springfield, MA