

Construction Management Technology News

<http://www.umaine.edu/set/cmt/>

Spring 2008

ENROLLMENT — Enrollment in the CMT program stands at 130 students. All indications suggest increasing enrollment in the years ahead. All active recruiting has ended since we exceed capacity.

EMPLOYMENT OF SENIORS — Seniors are indicating at least three employment offers each. The average starting salary is stable at \$50,000 per year. At least 65% of the seniors will be working in Maine or for Maine based firms.

DEAN'S LIST — The following CMT students earned the honor of being recognized in the Fall 2007 Dean's list: Jonathan Aceto, Nicholas Bacon, Zachary Davis, Ryan Levesque, Daniel Lyons, Benjamin Manning, Brendan McGuirl, Jaret Miller, Brian Powers, Nicole Rubenstein, Courtney Severy, Brayden Sheive, and Nathan Strout.

3.5 PRESIDENTIAL AWARD — The Presidential Achievement award is made just one time in a student's studies at the University of Maine. Full-time students must attain a 3.0 grade point average or better for two consecutive semesters. The student must also achieve a 3.5 grade point average or better for the most recent semester. Very few students achieve this honor. This year the following students have achieved this honor: Jonathan Aceto, Nicholas Bacon, David J. Biette, Brendan McGuirl, and Brian Powers.

SCHOLARSHIP RECIPIENTS — The following students have received scholarships at the 13 April 2007 awards ceremony:

- CMT Alumni Scholarship – Milissa Taylor
- Stephen R. Nelson Scholarship — Aaron Madison
- Pizzagalli Scholarship — Brendan McGuirl
- Jack Kelley III Scholarship — Brendan McGuirl
- Rodney E. Gallant Memorial Scholarship — Paul Berube

SCHOLARSHIP STATUS — The CMT program has three scholarships that are awarded each year. The scholarships are the following:

- **CMT Alumni Scholarship** — The CMT Alumni Scholarship was established by alumni, faculty, and friends of the program. (\$6,000)
- **CPM Constructors Scholarship** — The CPM Constructors Scholarship was established by CPM Constructors in 2002. (\$71,228)
- **Pizzagalli Scholarship** — The Pizzagalli Scholarship was established in 2008 by the Pizzagalli Corporation to benefit civil engineering and construction management technology students. (N/A)
- **Jack Kelley III Scholarship** — The Construction Management Technology program was established by Nickerson & O'Day to honor the work and contributions to the construction profession of Jack Kelley. (\$15,511)
- **Stephen R. Nelson Scholarship** — The Stephen R. Nelson Scholarship was funded by contributions made in memory of Stephen Nelson, a graduate of the two-year CET program. Steve was killed in a construction accident while employed by S.W. Cole. (\$5,934)

RECOGNITION SCHOLARSHIPS — A scholarship is a great way to recognize and memorialize the work of a firm, co-worker, peer, employee, or employer. It is also a great way to memorialize a departed friend, family, or peer. Their memory will live on forever in helping future generations of students entering the construction field. If you are interested in setting up a scholarship, please contact Knud Hermansen (207-581-2168 or knud.hermansen@umit.maine.edu) to discuss your interest.

ABC STUDENT CHAPTER — The Student Chapter of the Associated Builders and Contractors is advised by Assistant Professor Philip Dunn of the CMT program.

AGC STUDENT CHAPTER — New officers were elected in February: Rob Sampson, President; Devin Prock, V.P.; Josh Adams, Secretary; Jen Paradis, Treasurer. The many interesting presentations by construction industry representatives were appreciated by the membership.

PROGRAM FUNDING — Funding for the College of Engineering, including Construction Management Technology has dropped considerably. We are fortunate and grateful that our alumni and IAC members have made donations to the program that have covered expenses such as the ASC competition and software renewals.

PROGRAM AID — The CMT program would like to thank the following firms for the help they have provided during the academic year. Providing managers to speak to the students in the middle of the day when the managers no doubt have numerous other tasks to perform is much appreciated.

- Kiewit came to speak on the importance of documentation and scheduling.
- Cianbro worked with the heavy civil team for the competition and also spoke to the Senior capstone and the estimating class to discuss contractor estimating
- Pizzagalli assisted students in design build and CM contracts for the ASC competition and came to the senior capstone class to discuss the role of the project engineer. They also lead numerous tours for students through the construction occurring on campus.
- Sargent Corporation invited students out to dinner at Pat's in the Fall and the Spring. They took students in CET 100 for a tour of their facilities in the Fall and had a project manager speak to the capstone class. They also discussed GPS technologies in the methods class
- Lane Construction spent a week in the methods class discussing asphalt technology
- Nickerson & O'Day led the CET 100 class on a tour of their projects.
- The Federal Highway Administration spoke to the capstone course about concrete technology
- The Maine Department of Transportation spoke to the Capstone class about field engineering and provided project plans used in the estimating class.
- ACM provided student chapter members with dinners and the opportunity to attend state ACM meetings

PROGRAM CHANGES — Laptop computers are recommended for students entering in the Fall of 2007 and will be required for the Fall of 2008. Computer applications have been integrated into all courses. As in practice, computers have an increasing role and students must be both well versed with the software and familiar with integrating technology into practice.

ASSOCIATE CONSTRUCTOR EXAM — The following students/graduates have passed the associate constructor exam in the Fall Semester 2007: Jeff Bailey, Joseph Campbell, Zachary Davis, Regan Fotter, Ryan Hart, Ryan Levesque, Jesse Nash, Brayden Sheive, and Jason Willoughby. The following students passed the Spring 2008 associate constructor exam: Nicholas Bacon, Lacey Fogg, Jason Mallett, Justin McCoubrey, and Michael Reynolds (CMT minor)

The Associate Constructor exam is offered by the American Institute of Constructors Construction Certification (www.constructorcertification.org). It tests knowledge on surveying, estimating, scheduling, materials, administration, law, and operations. Students are required to take this test to graduate.

RECRUITING NEWS — Efforts at active recruiting have ceased since rising enrollment is outstripping resources. Surveys have indicated one of the most effective methods of recruiting is alumni contact with high school students and fellow employees. Accordingly, even with a halt to active recruiting, student numbers are expected to continue to rise.

CMT CROWE AWARD — Congratulations to Ken Ouellette for the honor of receiving the Construction Management Technology's Distinguished Francis Crowe Award. The Distinguished Francis Crowe Award recognizes individuals who have made considerable engineering contributions to the profession and honored the profession. This year, Ken Ouellette has been honored with the award. Ken Ouellette graduated from the University of Maine with a BS degree in Civil Engineering in 1984. He joined Kiewit in 1986 as a superintendent becoming project manager in 1991, area manager in 1996 and District Manager in 1999 for Kiewit's Northeast operations. Today, Ken oversees all New York operations for Kiewit's Eastern District and is directly responsible for the financial, safety and quality performance in the New York Metropolitan area. He has nearly 25 years of heavy construction management experience, predominately bidding and building work. He maintains membership in several industry groups sitting on the executive committee for the AGC, GCA, CCIA, SIM, as well as the Moles. Ken and his wife, Sydney, live in the NY metropolitan area with their four children. He participates in school programs, speaking to young adults about construction and careers in engineering. He is a major contributor to the United Way as well as to

CureSearch, a national childhood cancer foundation. He has been a strong advocate for the CMT program and member of the Industrial Advisory Committee for many years.

Prior distinguished Francis Crowe inductees include Charles E. Furbish (2000), Robert Chaput, P.E. (2001), Keith Anderson (2001), Eldon Morrison (2002), Jack Kelly (2003), Mark Bancroft (2003), Karl Ward (2004), The Sergeant's Clan (Ralph Leonard, Herbert R. Sargent, Herbert E. Sargent, James Sargent, Shane Sargent) (2005), and Timothy Sommers (2006).

FACULTY NEWS — Knud Hermansen and Carlton Brown are writing a third book in a series of practice books published by the Maine State Bar Association. The book will be on residential development law.

THOUGHTS FROM THE DIRECTOR — It has been another strong year for the School of Engineering Technology. Graduate placement remains at 100% with employer demand remaining high despite the downturn in the economy. Enrollment is up again in all four of our programs with CMT enrollment showing an increase of 11% this year. That follows the increase of 12% in enrollment last year. Our preliminary data suggests that the incoming class this fall will be the biggest yet. The CMT faculty has done extremely well in handling this surge in enrollments. For the third year in a row the College of Engineering has absorbed cuts in faculty positions so we have been unable to secure additional faculty to meet the program growth. As you will see in this newsletter, the faculty continue to provide unique opportunities for their students to gain exposure to active construction projects. Between engineering competitions and industry-sponsored field trips the students are gaining the “hands-on” experience that is the hallmark of our programs. I hope you enjoy the articles in this newsletter documenting the efforts of our students and faculty. We are very appreciative of all the support the program has received from alumni and friends over the years. We are already looking ahead to homecoming this Fall and hope that many of you can drop by for a visit to catch up with old classmates and former instructors.