

Construction Management Technology News  
<http://www.umaine.edu/cmt/>  
**Spring 2015**

This will be the last newsletter that Knud Hermansen will prepare. Knud plans to go on sabbatical during the Spring 2016 semester. Thereafter, he may have to go on phased retirement due to his wife's declining health.

**NAME CHANGE** — Starting in the Fall 2015 semester, the Construction Management Technology program will be called Construction Engineering Technology in order to maintain its ABET/ETAC\* accreditation.

\*Technology Accreditation Commission of ABET, 111 Market Place, Suite 1050, Baltimore, MD 21202-4012  
- telephone: (410) 347-7700

**GRADUATES** — The following students graduated from the Construction Management Technology program: Brian Carr, Michael Comstock, Khai Dang, Brian Desrosiers, Nicholas Andrews, Matthew Bernard, Brian Bradstreet, Gage Donnelly, Adam Dunham, Alexander Hack, Guillaume Ishimwe, Corey Jones, Jamie Nason, Zachary Quinn, Gregory Roemer, Sinit Seniwongse, Jeffrey Shock, Ryan R. Smith, and Michael Tuller.

**CAPSTONE PROJECTS** — The last portion of the newsletter contains a detailed summary of the capstone project along with recognition of companies that helped with the capstone projects.

**EMPLOYMENT OF SENIORS** — Employment offers are being made. Most if not all seniors have full time employment.

**DIRECTOR'S 3.5 ACHIEVEMENT AWARD** — The Director's 3.5 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 academic year Majed Alhelal, Nikky Boyington, Lindsey Burton, Dylan Collins, Marshal Deckers, Jeremy Leavitt, Thomas Salamone, and Anthony Stohlberg received this honor.

**CONGRATULATIONS** — Congratulations to the following scholarship recipients:

- John "Jack" Kelley Scholarship — Dylan Collins
- Herbert E. Sargent Scholarship — Douglas Dickison and Laura Dunham
- PC Construction Scholarship — Dylan Collins
- Hovey Award — Jamie Nason

**AGC STUDENT CHAPTER** — On Friday, April 17th 2015, the Associated General Contractors, University of Maine student chapter volunteered their time removing and re-installing VCT tile at the Good Samaritan Agency in Bangor.

**CMT CROWE AWARD** — Congratulations to Peter Coughlan for receiving the distinguished CMT Crowe Award. Peter graduated from the University of Maine Civil Engineering in 1976. He went to work for the Maine Department of Transportation beginning in the Geotechnical Division in the Technical Services Division. He then became the Director for the Maine Local Roads Center where he has served since 1987. He has created a training and workshop center to provide assistance to the municipalities of Maine on several topics to improve transportation, construction, and safety across the State of Maine. He is involved in his community, Church, and professional field. He serves on many committees both within the DOT and outside. He and his wife Gail are the parents of 5 grown children and spend their spare time now hiking and camping.

Prior distinguished Francis Crowe inductees include Charles E. Furbish (2000), Robert Chaput, P.E. (2001), Keith Anderson (2001), Eldon Morrison, P.E. (2002), Jack Kelly, P.E. (2003), Mark Bancroft (2003), the Sergeant's Clan (Ralph Leonard, Herbert R. Sargent, Herbert E. Sargent, James Sargent, Shane Sargent) (2005), Timothy Sommers (2006), Ken Ouelette (2008), Karl Ward, CPC (Dec. 2008), Bollie Bollenbach (2009), Shawn Shelley (2010), Brent Cross (2011), Tharryn Smith (2012), Tom Perkins, P.E. (2013), and Bob Falciani (2014).

**SCHOLARSHIPS** — Several of our students won scholarships through the Maine Better Transportation Association and were awarded these awards at the annual MBTA Holiday Gathering in December. Scholarship recipients were:

- Ken Burrill Award - Lindsey Burton
- Trailblazer awards - Brian Carr, Douglas Dickison, Mitchell Gurette, Dylan Collins
- Millard Pray Award - Ian Pinette

In February, the following students received AGC National Scholarships: Ian Pinette, Lindsey Burton, Shawn McDonnell

At the Spring IAC meeting, the following students received awards:

- Hovey Award - Jamie Nason
- PC Scholarship - Dylan Collins
- Jack Kelly Scholarship - Dylan Collins
- HE Sargent Scholarship - Laura Dunham, Douglas Dickison

**COMMUNITY PROJECTS** - Members of the Student AGC Chapter replaced flooring tile at the Good Samaritan Agency in Bangor, ME. The floor tiles had broken at several of the entry ways and were dangerous for the young children that frequent the facility. They spent an estimated 25 hours doing the work.



Students involved with the project included from left to right: Ian Pinette (immediate past president) Eric Bowie, Dylan Collins (Current president), and Mitchell Guerrette. Faculty members Mac Gray and Phil Dunn assisted with the project

**ENGINEERING EXPO** — The annual Engineering Expo sponsored by the Maine Engineering Promotion Council was held in Gorham, Maine in March. The CMT program set up an informational booth along with an interactive booth for students to build towers using spaghetti and marshmallows. This activity always proves to be fun for expo participants.



Students participating in the event included Michael Meserve, Michael Tuller, and Joseph LeBlond. They were accompanied by professor Phil Dunn

**SENIOR CAPSTONE** — The senior capstone course continues to be a service based learning experience with self selected teams. This year, there were several teams working on various projects:

- Team 1: Khai Dang, Derek Watts, Guillaume Ishimwe, and Majed Alhelal worked on a potential use for a Brownfield site in Old Town, ME. The former site of the Old Town Canoe Factory sits in the center of Old Town and is available for development. This group came up with a possible solution of a grocery store and small retail store on the site with onsite parking.
- Team 2: Matt Bernard, Nick Andrews, Dan Carriker, Zach Quinn, and Dave Barry worked on the redevelopment of a building near the Eastern Maine Community College campus that has been acquired by EMCC for a new law enforcement program. The group acted as construction managers to look at the schedule, estimate and site logistics for the owner.
- Team 3: Greg Roemer, Jamie Nason, Adam Dunham-Kapaldo, Shane Tyack, and Alex Hack did a project of the Old Town YMCA (see Capstone Focus). In this project, the team identified a need and followed up with developing and building ramps for the YMCA's skateboard arena.
- Team 4: Cody Mayhew, Lindsey Burton, Brian Carr, Mike Tuller, and Mike Meserve worked with the University of Maine's facilities management group

to look at electronic message signs for the entrances into the University of Maine.

- Team 5: Chase Collins, Sinit Senwwongse, Ryan Smith, Corey Jones, and Jeff Shock developed plans, costing, schedule, and logistics for service buildings that will be developed at Oxford Plains Speedway.

The teams presented their projects to the Spring IAC meeting with members Karl Ward, John Sturgeon, Bollie Bollenbach, and Jack Liimakka acting as judges. The teams have submitted electronic files such that the projects will be summarized in storyboard fashion for display in Boardman Hall.

**CAPSTONE FOCUS** - One of the capstone groups rebuilt the skateboard ramps at the Old Town YMCA. The skateboard ramps were inappropriately secured to the walls. The capstone group rebuilt the supports and secured the ramps for multiple skateboarder use. The group put in an estimated 150 hours planning and physically putting together the ramps in a limited time schedule. Nickerson-O'Day CEO Karl Ward donated \$500 toward the project and additional funds were secured through the YMCA. (Thank you Karl!)



Capstone students with the YMCA project included from left: Gregory Roemer of Bow, NH, Shane Tyack of Wenham, MA, Jamie Nason of Dover-Foxcroft, ME, Alex Hack of Uxbridge, MA, and Adam Dunham-Kapaldo of Bucksport, ME

**CONTRACTORS IN THE CLASSROOM** — A sincere thanks to the contractors who gave presentations in the classroom and provided Pizza Nights for students:

- CET 221: Pete Parizo of Sargent's, Greg Schwab and Adam Laird of Lane Construction, Isaac Thompson and Brandon Cummings of Pike Construction
- CET 360: John Brockington of Woodard and Curran and Kyla Magnusson of Construction Professionals
- CET 458: Jim Therriault of Cianbro, Jane Boutin and Caleb Fissette of Mass Electric, Glenn Adams of Sargent's, Marc Belanger and Sean Furgeson of CCB.
- Pizza Nights: CPM Construction, Sargent's, Pike Industries

**ALUMNI NEWS** — The following news was submitted by alumni.

- Karl Ward (1983) was elected to the Maine House of Representatives.

- James Robinson (2009) is working with the Department of Transportation. He has taken a supervisory position managing a materials testing laboratory in Freeport, ME. He is married with a 3 year-old little girl and another little one on the way in September.
- J.D. Kray (2010) is a 2<sup>nd</sup> Lieutenant in the United States Marine Corp. He will be graduating from his Military Occupational Specialty school on 30 June. He will be an Air Support Control Officer in the United States Marine Corps.
- Ryan Russell (2004) has mobilized for a project in Khamis Mushayt, Kingdom of Saudi Arabia. The project is a \$166 million, 24-month design-build effort for the U.S. Air Force (AFICA). This project is in support of the F-15SA Aircraft Fleet Upgrade going on as part of the FMS (Foreign Military Sales) program. The project consists of demolition of existing facilities on the Air Base and the construction of 500,000 square feet of new facilities that include, dormitories, classrooms, auditoriums, hangar space, simulator training facilities, dining facilities, libraries and places of worship. In addition to building of new facilities, we are constructing aircraft aprons, tow ways and all of the utilities required to support the new facilities. I will fulfill the role of project manager on this project and look forward to the challenge of such a large-scale and fast paced work environment.
- Joni Fournier (1995) finished a 2.5 year roof replacement project at the Mount Washington Hotel in New Hampshire (Metal and TPO added roof drains thru interior of building which meant getting into guest rooms and hallways etc.) and exterior renovation. In addition, Joni has been working on another municipal aquatic park, providing scheduling support to Valley Crest for the huge multi-billion dollar project in the Bahamas, a new sluice gate for a dam in Georgetown, Colorado and last but not least doing a tilt-up police station in Erie, PD.
- Glenn Adams (2004) is a project manager for Sargent Corporation. With Superintendent Matt Thibault (2005), they are working on the Valley Motorsports Park Project in Tamworth, NH. It is a 2.2 mile European-style road course with several hundred feet of elevation change. There is also a 0.4 mile Karting facility on site. Nearly 1,000,000 CY of material will be moved before the project is complete. It is a one-of-a-kind project. It is scheduled to open this fall. The owner is Club Motorsports out of Massachusetts.  
<https://www.facebook.com/ClubMotorsports>
- David Coleman (1992) reports that his father, Richard Coleman, has had Interstate 295 named after him.  
<http://www.centralmaine.com/2015/04/19/interstate-295-to-be-named-after-augusta-resident-longtime-transportation-worker/>
- John Burrell (1994) received his Certified Professional Estimator Certification from ASPE

## **FACULTY NEWS:**

Knud Hermansen – Knud has been a faculty member since 1989. He is a member of the Maine Board of Professional Engineers. He plans to take a sabbatical during the Spring 2016 Semester. During the Spring semester, Knud has given webinars for the New York State Association of Professional Land Surveyors and the Pennsylvania Society of Land Surveyors. He presented a seminar for the Florida Surveying and Mapping Society in March.

Phil Dunn – Phil Dunn has recently been promoted to full professor effective Fall 2015. He will be taking a semester sabbatical for the Fall 2015 semester returning in the spring semester 2016. He continues to serve on the national AGC Foundation and attended the scholarship meeting in Mobile, Alabama in January. He is also the Associated Schools of Construction Region I Director and serves on the national Board of Directors. He recently attended the ASC National Convention and Board meeting in College Station, Texas. The program has recently passed its ABET accreditation which will be good for the next 6 years.

Mac Gray – No News

Will Manion – On sabbatical. Will plans to return in the Fall Semester 2015.

**COMMENTS OR QUESTIONS** — Contact Knud Hermansen at 207-581-2168 or [Knud.Hermansen@umit.maine.edu](mailto:Knud.Hermansen@umit.maine.edu) if you have comments or questions regarding this newsletter or program information.