

Construction Management Technology News

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

Fall 2013

ADJUNCT FACULTY – With Will Manion joining CMT as the fourth faculty member, the program has lost its Excellence Fund that provided funds for adjunct faculty. We are sorry to lose several excellent adjunct faculty. We thank the following for their excellent service to the program: Claude Junkins, Bob Falciani, and Tom Perkins. These faculty brought practical experience to the classroom.

PICTURES WANTED – Mac would appreciate pictures of building construction in progress, including the details of construction. He would also like pictures of temporary structures such as formwork, shoring, and underpinning. Please send the pictures to hgray@maine.edu.

BIM APPLICATIONS - In the spring semester, Will Manion will be teaching a new Building Information Modeling (BIM) course, covering topics from contractual arrangements and workflows to Autodesk Revit applications. If you have any good examples for use in class, please contact Will by email at wmanion@maine.edu.

ENROLLMENT - Enrollment stands at 121 students. In the Spring Newsletter enrollment was reported at 135 students. The current breakdown is the following: 24 first-year students, 39 sophomores, 29 juniors, and 29 seniors. We could use more students. Please help recruit students to the program.

DECEMBER GRADUATES — The following seniors are scheduled to graduate in December: Eric Clifford, Nicholas Fournier, Jordan Hafford, Justin Henry, Samuel Liberty, Shane Perreault, Garrett Plossay, Michael SanAntonio, and Philip St. Peter.

EMPLOYMENT OF GRADUATING SENIORS - All but one May 2013 graduate was employed in the construction industry. The average starting salary was approximately \$52,300 per year.

ABC STUDENT CHAPTER – The ABC student chapter has held a couple of meetings as they go through transition to a new slate of officers in the spring 2014. Student President Nick Fournier graduated in December 2013. During the summer, students assisted with the Southern Maine Golf Tournament and raised money at one of the holes through a hole challenge. In the Fall, the student chapter attended the ABC breakfast meeting in Bangor for discussion of the Eastern Maine Medical Center expansion. They also attended the Craft Championships in Augusta on Friday November 22, 2013. They sponsored a spaghetti tower building competition for Middle School students. They also had a table for the CMT program.

The student chapter also sponsored ABC Executive Director Hope Perkins and Training Coordinator Martha Catevenis at a CET 100 class and pizza gathering. The

student chapter attended the ABC Christmas gathering on Friday December 6 and held a 50/50 raffle. With the money they raised, they purchased toys for the All Trades Party for the Annual Christmas Toys program.

ASSOCIATE CONSTRUCTORS EXAM[†] - Fall results for the AC exam have been received. The following students passed the exam: Nicholas Fournier, Chad James, John Knowles, Andrew Mannke, James Martin, Andrew Myers, and Shane Raymond. Congratulations to Shane Raymond for receiving the top score.

[†] All students are required to take the Associate Constructors Exam and pass four of the following sections: Communication Skills; Engineering Concepts; Management Concepts; Materials, Methods, and Plan Reading Bidding and Estimating; Budgeting, Costs, and Cost Control; Planning, Scheduling, and Control; Construction Safety; Construction Geomatics; and Project Administration

ASC STUDENT COMPETITION — Two teams of six students in each team participated in the ASC Region I competition in Morristown, NJ on November 14-16, 2013. There were 17 schools participating and a total of 203 students present. UMaine entered the commercial building and heavy civil competitions. Students were accompanied by Phil Dunn and Will Manion. Students participating included:



Heavy Civil: left to right; Nicholas Fournier '13, Joseph Martonaro '14, Corey LaRue '14, Patrick Shaw '14, Brent Williams '14, Chris Crouch-Foster '14



Commercial Building: left to right; Samuel Liberty '13, Matthew Kelly '14, Patrick Verville '14, Brian Bradstreet '14, Gage Donnelly '15, Brian Desrosiers '15

SCHOLARSHIPS AWARDED — We are pleased to announce the following scholarship recipients:

- MBTA – Patrick Verville, Corey LaRue, Chad James, and Jacob Stevens
- NETTCP – Corey LaRue and Brooke Glidden (CIE student with a CMT minor)
- CFMA – Lindsey Burton and Patrick Verville
- AGC National Education Foundation Scholarship — Patrick Verville
- AGC Maine Arthur Knowles Scholarship — Patrick Verville

STUDENT FIELD TRIPS— First year students visited the following jobsites: Nickerson & O'Day construction of the UMaine Planetarium, PC Construction of the UMaine Field House Renovation, Sargent Stillwater Avenue reconstruction, and Bancroft Orono Dam construction. Upper classmen who participated in the ASC competition visited a jobsite of the Gilbane Company in Cambridge, MA on the way to the competition on Thursday, November 14, 2013.

APPRECIATION — Several firms and individuals have helped with the CMT program this Fall Semester by offering tours or speaking to classes. Their willingness to take the time to work with the students is appreciated. Guest speakers for the CET100 class included: Kiewit Construction, Maine Drilling and Blasting (Will Purrington), MDOT (Peter Coughlan), and Gilbane (Shawn Shelly).

PIZZA PARTIES — Three pizza parties were provided as part of presentations through the generosity of Kiewit, ABC, and Gilbane.

ALUMNI NEWS – Alumni reported the following (listed in alphabetical order of their last name):

Jake Adams (2004), formally employed at Lane Construction, is now with CPM Constructors.

Dan Dennis (1996), CPE, is an estimator at High Concrete Group, LLC (Denver, Pa). He recently received his Certified Professional Estimator (CPE) credential from the American Society of Professional Estimators (ASPE). ASPE promotes the highest standards and ethics in the practice of construction estimating. The CPE Certification is the highest form of professional recognition an individual estimator can receive. Through its certification program, ASPE recognizes the estimating proficiency and ethical awareness of the CPE.

Benjamin Jamo (2006) and his wife had a baby girl, Brynn Rose Jamo, on 17 Oct. 2013. This is their second child. Their first child, Cooper, was born on 20 March 2011. Ben is currently project super for Wright-Ryan working to close out Mt. Blue High School in Farmington ME.

Andrew Kittredge (2004) is employed at CPM Constructors. He claims a full life involved at work, the Yarmouth Town Council, sleeping, cleaning, laundry, cooking, shopping, shoveling snow, mowing the lawn, and fixing what ever problem his wife thinks will keep him out of trouble.

Patrick Macisso (2009) is a surveyor/field engineer employed with S&R Enterprises out of Harrisburg, PA. This firm is a steel erection company focusing on projects located along the east coast. Patrick has been spending much of his time at their first international job located in Nassau, Bahamas. S&R Enterprises won the contract to erect the steel on a new 3.4 billion dollar resort called Baha Mar, which included close to 100 steel roofs over the tops of four hotels and several pavilions as well as a 200,000 sf. convention center. His tasks on this job involve numerous quality assurance surveys making sure that other subcontractors have placed connection points for the steel in the correct location and comply with AISC standards.

Andy Seymour (2005) is a project manager at Wright-Ryan Homes. He is married with two Labrador retrievers with way too many projects at home. Also employed at Wright-Ryan Homes is Pat Skall (2007), Ben Jamo (2006) and Tom Carey (2003). Pat joined the firm as a project manager and Ben is a superintendent.

Karl Ward (1983) is President & CEO of Nickerson & ODay. Nickerson & ODay has been recognized by the Associated General Contractors of America for completing over 50,000 man-hours of work with zero injuries or lost time for all of 2012. The firm also achieved this commendable goal in 2007, 2009 and 2010. The firm has had only four injuries in the last six years, spanning \$191,000,000 of completed work

and over 500,000 man-hours. Nickerson & O'Day was recognized by Portland Magazine for being one of Maine's Top 100 Companies (by revenue) in 2012. This is the 9th consecutive year this firm has been so recognized.

FACULTY NEWS – The latest faculty news is the following:

Phil Dunn — Phil has been a member of the CMT faculty since 2004 and coordinator for the program since 2011. Phil Dunn is now the ASC Region I Director primarily responsible for the competition in the Northeast. He is now serving on the National Board of Directors of ASC. He attended the National convention in San Luis Obispo, CA in April and the mid year planning meeting in Sarasota, FL in October. He is now serving on the AGC Educational Foundation. If you would like to make any donations to these groups and their efforts, please contact him.

Mac Gray — Mac has been a member of the CMT faculty since 1987. Mac Gray will be teaching CET 130, Building Construction, this spring semester.

Knud E. Hermansen — Knud has been a member of the faculty since 1989. Since the last newsletter, Knud has presented several webinars and seminars to engineers and surveyors. Since the last newsletter he has given presentations on behalf of the Pennsylvania Society of Land Surveyors, California Land Surveyors Association, Nevada Association of Land Surveyors, National Business Institute, Maine Tax School, and Lorman Education Institute. While most attorneys have never argued a case before the Maine Supreme Court, Knud will soon undergo his third appearance before the Supreme Court. In the past two months, Knud has testified before the legislature regarding abandoned roads. Recently, Gov. LePage appointed him to be a member of the Maine Board of Licensure of Professional Engineers.

Will Manion — Will completed his first semester as a faculty member with the CMT program. Will has been doing outreach and recruiting for the College of Engineering, visiting high schools and community colleges throughout the state. So far this fall he has visited six different schools, with a presentation about engineering careers in general, the different majors, minors and clubs, scholarships and employment. Of course he includes many construction pictures and even a couple of videos if there is time. He's also coordinating articulation agreements with community colleges to make it easier for students to continue past their associate degree. If you know about a school that would like to have Will come and present, please contact him directly.

Will Manion attended the American Society of Engineering Education conference, June 16-19, in Atlanta Georgia. He participated in the Construction Division Sessions, which are chaired by Phil Dunn.

Will Manion is teaching two existing courses this fall, Plan Reading

and Sustainability with LEED. The plan reading course uses plans from both a commercial building and a DOT bridge project, covering topics such as foundations, steel framing, wall construction, abutments, roads and bridge girders. Students perform basic quantity takeoffs of selected components. In sustainability, students are learning green building concepts and the specifics of LEED certification, with the goal of passing the Green Associate Exam.

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

E-MAIL ADDRESSES — This newsletter is sent to all alumni by e-mail. If you have the e-mail address of other alumni, please send the address to Knud Hermansen at knud.hermansen@umit.maine.edu The program would like to ensure that all alumni receive news about the program.

NEW YEAR – The faculty and students of the Construction Management Technology program wish all of you a happy Christmas and a very prosperous New Year!!!