



# CMGT NEWS

Fall 2016 &  
Spring 2017

## CMGT Education Excellence

### Notes from the Chair

The East Carolina University Construction Management Department has had a very successful year. Throughout the 2016-2017 academic year, our department has placed emphasis on values such as excellence in research, teaching, service and interdisciplinary collaboration. Throughout this time, the department has made great strides in achieving success. As we look towards the upcoming 2017-2018 academic year, we would like to share the activities and accomplishments our educators, scholars, leaders, and construction professionals have made throughout the year.

The faculty has had an outstanding year of publications, research, development and community activities. Dr. George Wang, has been awarded a \$185,000 research grant from the North Carolina Department of Transportation (NCDOT). The project will look at the use of recycled concrete in non-structural concrete in Eastern North Carolina in the bridge and road construction projects.

Dr. David L. Batie recently stepped down after 2 years of service as a Board Member of our accrediting body, The American Council for Construction Education (ACCE).

Dr. Donna A Hollar successfully completed program requirements from the Board of Directors of the Manager of Environmental, Safety and Health (MESH) program. The certificate reflects a commitment to workplace safety and health through increasing the professionalism of environmental, safety and health managers at government, commercial, and manufacturing sites in North Carolina.

Mr. Bryan Wheeler was approached by a School of Business colleague who volunteers with Hospice and if he and our students could assist a resident, Ms. Ellen Hawkins, in Grimesland, NC with the installation of a new kitchen floor. The three-day project included removing three layers of old vinyl flooring, installing new plywood subflooring, and installing 200 sq. ft. of new vinyl tiles.

In September 2016, the ACCE Accreditation team reviewed assessment documents and curriculum, and met with faculty, students, university leaders, and the Industry Advisory Board members to better understand the ECU CMGT Program. At the spring 2017 Mid-Year ACCE Meeting, the Trustees awarded ECU CMGT reaccreditation for another six years through February 2023.

At the end of every semester, our department awards an "Outstanding Senior." The criteria are based on their academic merit, service, and accomplishments during their time at ECU.

Candidates were also inducted into the Sigma Lambda Chi, Construction Management Honors Society based on recommendations by their peers. The chapter was awarded the Silver Award in 2017 due to their high induction percentage of eligible candidates, hosting a presentation by an industry representative, holding a social event, and using social media to communicate with members.

The Department of Construction Management participated in the ECU High School STEM Day in April 2017. The students had the opportunity to make and test concrete samples and investigate the different properties and uses in soil testing in the Soils and Materials lab.

The NCDOT High School Construction Career Days. This event gives high school students the opportunity to learn about rewarding careers in residential, commercial, and infrastructure construction.

This has been an exciting year with many events and opportunities taking place.



### Industry Advisory Board Executive Board – IAB Fall Meeting – Murphy Center

Dr. Syed M. Ahmed (ECU CMGT), Mr. Matt Chance (Precision Walls Inc.), Mr. Scott Cooper, IAB President (Caterpillar), Ms. Mary Brinn (Brinn Glass), Mr. Bryan Wheeler (ECU CMGT), Mr. Bill Farrior (Farrior & Sons)

## ACCE ACCREDITATION VISIT



After three years of redeveloping and reordering our curriculum to meet the new **American Council for Construction Education (ACCE)** Student Learning Outcomes, the ACCE Reaccreditation Visiting Team came to campus on September 25-27<sup>th</sup>, 2016. The visiting team was composed of Chair Dr. Souhail Elhouar (Bradley University), Don McCollister (Turner Industries Group, LLC), Scott Summer (Wentworth Institute of Technology), Kim Baylor Bevins (Tuskegee University), Dr. Yvan Beliveau (Virginia Tech), and Scott Cooper (CMGT IAB President, Caterpillar). The team reviewed assessment documents and curriculum, and met with faculty, students, university leaders, and the Industry Advisory Board members to better understand the ECU CMGT Program. At the spring 2017 Mid-Year ACCE Meeting, the Trustees awarded ECU CMGT reaccreditation for another six years through February 2023.

## FACULTY PUBLICATIONS, PRESENTATIONS, & ACTIVITIES

The Construction Management Department Research Team, led by **Dr. George Wang**, has been awarded a research grant by the **North Carolina Department of Transportation (NCDOT)**. This \$185,000 project (8/2016 – 7/2018) is to conduct an applied research on the use of recycled concrete in non-structural concrete in Eastern North Carolina in the bridge and road construction projects specified in the Strategic Transportation Improvement Plan (STIP) for 2016-2025. The team includes **Dr. Donna Hollar**, **Dr. Kamalesh Panthi**, and two graduate research assistants.



**Dr. David L. Batie** was a **Board Member** of our accrediting body, **The American Council for Construction Education (ACCE)** and recently stepped down after 2 years of service. He is also **Vice-Chair of the Standards Committee**. Dr. Batie recently chaired the Roger Williams University Accreditation Visiting Team in Spring 2017. Dr. Batie is also a **Board Member** of the **American Institute of Constructors Constructor Certification Commission (AIC-CCC)**, a board that makes independent decisions regarding the Constructor Certification program.



**Dr. Donna A Hollar** successfully completed program requirements from the Board of Directors of the Manager of Environmental, Safety and Health (MESH) program and has been awarded the **Construction MESH Certificate**. MESH is a certificate series sponsored by NC State University, the Safety and Health Council of North Carolina, and the NC Department of Labor. The certificate reflects a commitment to workplace safety and health, The Mesh program is designed to increase the professionalism of environmental, safety and health managers at government, commercial, and manufacturing sites in North Carolina.

**Mr. Bryan Wheeler** was approached by a School of Business colleague who volunteers with Hospice and if he and our students could assist a resident, **Ms. Ellen Hawkins**, in Grimesland, NC with the installation of a new kitchen floor. With six (6) AGC students, Mr. Wheeler worked three days on this project where they 1) Removed three layers of old vinyl flooring, 2) Installed new plywood subflooring, and 3) Installed 200 sq. ft. of new vinyl tiles. Funding for the project was provided by the AGC Student Organization and personal donations.



## Fall 2016 / Spring 2017 Outstanding Students

We are pleased to announce the seniors selected for the award of "Outstanding Senior" during the Fall 2016 and Spring 2016 semesters. Students were asked to submit their documentation based on academic merit, service, accomplishments during their careers at ecu, and their GPA. CMGT Faculty reviewed each candidate's application, with a final selection being made. The Outstanding Seniors were recognized at both the University and College Commencement ceremonies.



66

Fall 2016 – Jared Henry



Spring 2017 – James Wynn



Spring 2017 – Clayton Hopkins



Spring 2017 – Ryan Pova

# SLC Induction Ceremonies

Sigma Lambda Chi – International Construction Honor Society

ECU's Iota-II Chapter inducted 27 new members during the 2016-2017 academic year. Members' are ranked in the top 20% of their respective classes – juniors, seniors, or graduate students. With these new members, the Iota-II's lifetime membership increased to 860. The Iota-II Chapter was chartered in February 1986. The chapter earned a Silver Award in 2017, the second highest designation bestowed by Sigma Lambda Chi International for chapters' activities. Iota-II earned the Silver Award by inducting a high percentage of eligible candidates, hosting a presentation by an industry representative, holding a social event, and using social media to communicate with members. The Fall 2017 Induction Ceremony and Banquet is scheduled for Tuesday, October 3, 2017 at 6:30 pm. A social hour precedes the banquet and begins at 5:30 pm. Both events will be held at the Holiday Inn in Greenville. For more information contact Dr. Donna Hollar (hollard@ecu.edu) or Mrs. Amy Taylor (taylor@ecu.edu).



## Spring 2017 Sigma Lambda Chi Inductees: (Left to Right)

Front Seated: Benton Johnson, Dakota Wilkerson, John Trovato, Jamie Smith, Austin Tamson, Jordan Starkey, Todd Eatherly

Rear Standing: Nicholas Kotyk, Austin Pederson, Adam Ross, Evan Seagroves, Troy Diebolt, Brandon Jones

Not shown: Derrick Chesson, Carson Talbert, Brian Adams, Charles Keller

# Happenings at ECU CMGT

## Graduation



Fall 2016



Spring 2017



Matt Chance (1988) – Precision Walls, Inc. Spring 2017 Guest Speaker

## 2017-2018 Scholarship Recipients

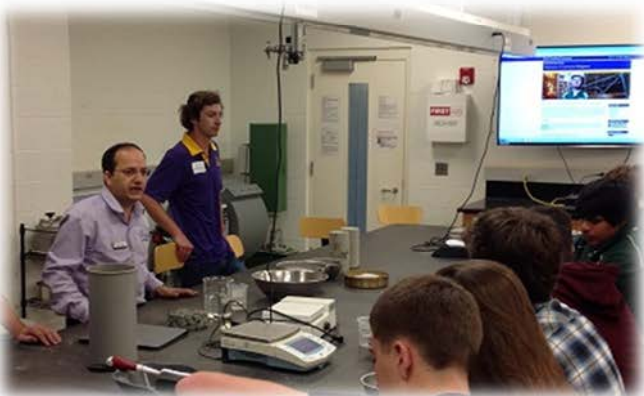


Top Row (L-R) Hunter Henry, Alec Woodruff, Sean Garbarino, Reuben Allen, Brennen Robinson, Adam Renner, Troy Diebolt.

Bottom Row (L-R) Benton Johnson, Daniel Weygandt, Jamie Smith, Dakota Wilkerson, Courtney Price, Grant Edwards, Robert Barnhill.

## HIGH SCHOOL STEM DAY

The Department of Construction Management participated in the **ECU High School STEM Day** on April 7, 2017. Over Twenty high schools participated in the event. Construction Management faculty involved included **Dr. David L. Batie**, **Dr. Kamalesh Panthi**, **Dr. Donna Hollar**, and **Dr. George Wang**. Activities for the 60 students that visited our program included making and testing concrete samples and investigating the different properties and uses in soil testing in the Soils and Materials lab. This is the 5<sup>th</sup> event in which the College of Engineering and Technology and CMGT has participated.





## NCDOT Construction Career Days

The ECU Department of Construction Management partnered with Pitt Community College and Pitt County Schools to host the 5<sup>th</sup> NCDOT High School Construction Career Days on October 4-5<sup>th</sup>, 2016 at the Pitt County Fairgrounds. This event gives high school sophomores, juniors, and seniors the opportunity to learn about rewarding careers in residential, commercial, and infrastructure construction. ECU faculty, staff, and students interacted with the high school students explaining our curriculum requirements and career opportunities.



## Class Site Visits



### TERRACON CONSULTING ENGINEERS VISIT

In both the Fall and Spring semester, **Dr. George Wang's** CMGT 2700/2701 (Soils and Foundations) students visited the soils lab of Terracon Consulting Engineers and Scientists, located in Winterville, NC. Terracon is one of the largest engineering consulting firm. It's branch office in Winterville is responsible for geotechnical investigation, materials testing, quality assurance and control for many construction projects in east North Carolina. Through the visits, students were able to better integrate the knowledge learned from classroom to real projects.

### S.T. WOOTEN ASPHALT PLANT VISIT



In 2016 Fall semester, **Dr. George Wang's** CMGT 3710/3711 (Infrastructure and Highway Materials) students visited S.T. Wooten's Asphalt plant and concrete plant. S.T. Wooten's field engineer also came to CMGT lab to demonstrate the use of nuclear density gauge for compaction test to students.



# Student Organizations

## Associated General Contractors (AGC)

Associated General Contractors (AGC) students were involved in a number of service activities during the year, including working with Habitat for Humanity.

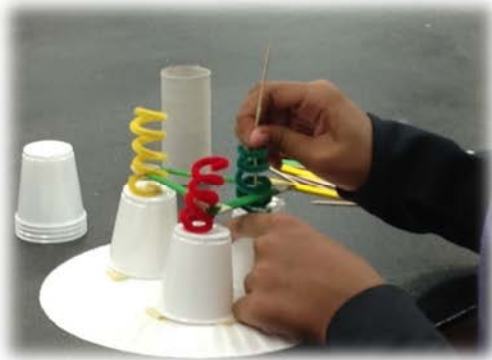
### Caterpillar Trip

AGC students made their annual field trip to the Caterpillar Plant Tour and Heavy Equipment Operation in Clayton, NC. The opportunity to understand the manufacturing and operational use of the equipment gave students a unique experience in this area of the construction industry.



## Women in Construction and Technology (WICAT)

Members of the Women in Construction and Technology (WICAT) student group presented four workshops titled "Show Your Strengths" during the TechnoQuest 2017 event held Saturday, March 25, 2017. Sixth through ninth grade Girl Scouts built structures out of everyday materials and identified the strongest structure by applying weight until the structures collapsed. WICAT members Carly Nickels, Sarah Cowin, Rene Daigle, and Alicia Ervin hosted the workshop for over fifty Girl Scouts.



# 19<sup>th</sup> Annual ECCA Spring Golf Tournament

April 7, 2017 - Bradford Creek Golf Club

On behalf of the all the student organizations, we would like to thank everyone involved in the 19<sup>th</sup> Annual ECCA Spring Golf Tournament. The winner of the tournament was **Hamlin Roofing Company** (Joey Hatch, David Panella, Jacob Colavita, and Cameron Guthrie). Long Drive winner was **Cameron Guthrie** and Closest to the Pin was **Joey Hatch**.





## Department of Construction Management

College of Engineering & Technology  
Rawl Building, Room 346  
Greenville, NC 27858  
252-328-6490  
<http://www.ecu.edu/cet/construction/>