Greetings all it is a great pleasure for me to be leading the NJIT CIM program. We are looking forward to the May 4th Patrons meeting at NJIT. We extend an invitation to all our industry partners. The meeting is an excellent opportunity for both student and companies alike. An overview of the program is presented and interviews are conducted as well. The relationship with our Patrons continues to be a keystone of our program.

From our humble beginning we have grown quite a bit in all aspects. There is no shortage of internships and full-time jobs thanks to our industry partners. Our graduates are highly engaged in the program and coming in as guest speakers and mentors. There has been a dramatic increase in solicitations for research and collaboration. The NJIT CIM program is a great place to bring your research ideas where we work on providing solutions to your needs.

All of these achievements would not have been possible without the great effort of CIM students and the great support from the national and local patrons. I would like to thank everybody for their great and sincere efforts and to ask everybody to remain dedicated to the goal of continuously improving our CIM program at NJIT. With passion and determination, I am confident that we can achieve great goals during this coming year.

Dr. Mohamed Mahgoub, CIM Program Director

Mohamed has asked me to write a column, and I thought I would write one that is both a good-bye as well as a state of CIM at NJIT. I will be stepping down as chair at the end of June, but will remain a professor in this department. Dr. Thomas Juliano, who was the coordinator of MET and has been here a long time, will take over as the interim chair.

I have seen in my six years as chair a huge growth in both the department and especially the CIM program, in large part due to the efforts of its coordinator, Mohamed Mahgoub. The department has the largest undergraduate enrollment in NJIT, with over 800 students. CIM is now over 100 students, and has the second highest enrollment of all the CIM programs nationwide. We have successfully changed the degree name from BSET in CIM to BS in CIM, which will bring better focus to this program. Our students are in high demand, and this program has been constantly cited by the upper administration as a key example of engaging the students and engaging academia and industry. Going forward, we have even higher goals, but will need the support of each of you to keep up that tremendous growth. Looking forward to seeing everyone at the next patrons meeting.

Dr. Ronald Rockland, Chair of Engineering Technology
As a dual degree major, I graduated with a degree in Construction Management Technology (CMT) in May of 2013 and completed my final semester as a Concrete Industry Management (CIM) student in December of 2013. Before I became a dual degree major, I had an inspiring and very convincing conversation with Dr. Mahgoub as to why I should be part of the CIM program.

Dr. Mahgoub puts his heart, soul and undivided attention into the CIM program and to all of its students. It was the love of his job, the CIM program and his students, that compelled me to join the program. I’m grateful and honored to have been in the CIM program and to have met Dr. Mahgoub, the amazing faculty and all the new friends I made along the way.

One of the last classes was a Co-Op class that gives the students the opportunity to get first-hand experience of what the Concrete Industry is like. As a CIM student there are numerous networking events that are available to us and one such event is the biannual patrons meeting. This meeting is held towards the end of each semester where the Patrons’ who supports the CIM program get a chance to interact and see the development that the students have made. At the patrons meeting held in May 2013, I was one of two students who got a chance to meet Richard Creter, President of Creter Vault Corp. (CVC) Mr. Creter was looking for students to fill a summer internship where they would perform the duties of a Quality Control Technician on a new interesting production that his company was working with called Concrete Lumber. After the summer internship ended Mr. Creter offered me a full time position at his company.

I also had a chance to work at Creter Vault’s affiliated company, G&C Fab-Con LLC, and gained knowledge in a different level of the construction business. While working at G&C I had the privilege to travel to South Carolina for a project and lived there for 2 months. Definitely a different experience. I worked for CVC and G&C until January 2015, when I was given an opportunity to expend my career and work for State Line Construction Co., Inc.

February 2015, I was hire by State Line Construction as a Safety Director and Project Engineer and I’m loving every minute of it. I was given these opportunities because of the CIM program and incredible faculty that will go out of their way to help you succeed.

The NJIT ACI Student Chapter continue to be highly active in the NJIT community and abroad. They are regularly preparing for future competitions. The students are working hard making and testing concrete mix designs, developing different designs for beams and other structures. Working with the new Assistant to the Chair for the Concrete Lab, Dr. Nakul Ramanna, and Lab Supervisor Andrew Flory, the students are able to utilize the lab even in the summer months.

Our Student Chapter has been instrumental in increasing the awareness of CIM throughout campus, getting more students to join the student chapter and even consider becoming a CIM Major. The current ACI Student Chapter President, Gabriel Garcia said he is working with his team to make even bigger plans that will elevate the chapter to unprecedented heights.
ICRI World of Concrete Kickoff Party

On February 2, 2015, five CIM students, Michelle Ghanime, Yasmine Elrashidy, Erica Johnson, David Williams and Mohamed Mohamed attended the ICRI World of Concrete Kickoff Party at The Sayers Club in Las Vegas, Nevada. For the past 27 years, ICRI has been holding their annual Kickoff Party at various venues, inviting contractors, organizations, immediate interest of engineers, manufacturers and others in its formation along with architects. The students who have attended various conferences and technical meetings saw familiar faces as well as new faces, while this was a first time experience for others. These students were able to network and meet people in the concrete industry from all over the world. The NJIT ICRI student chapter is affiliated with the ICRI NY-Metro Chapter and was the second student chapter to be inducted into the International Concrete Repair Institute organization. The NY-Metro Chapter invites guest speakers to educate the various students that attend such monthly technical meetings.

ACI Excellent University for 2014

For the fourth year in a row, NJIT has been named an American Concrete Institute (ACI) Excellent University, one of 15 universities to receive the award for 2014. The award recognizes student chapters that participate in ACI-related activities. It will be announced during ACI’s 2015 Concrete Convention and Exposition Opening Session and Annual Awards Program in Kansas City, Mo. on April 12.

“NJIT’s ACI student chapter is the only one in the state of New Jersey and one of the most active student chapters in the U.S.,” said Mohamed Mahgoub, an associate professor of engineering technology and the director of NJIT’s Concrete Industry Management (CIM) program in the Department of Engineering Technology. “In addition to its many activities, from seminars, to field visits, to fundraising events, the chapter also helps students become certified as concrete specialists and participates in international ACI competitions.”

ACI Dinner

On Wednesday, February 11, 2015, Dr. Mahgoub, the ACI Student Chapter advisor and eight ACI students had attended the NJ ACI Chapter Dinner event held at Hotel Woodbridge in Iselin, NJ. The students were sponsored by Weldon Materials. The students enjoyed a wonderful presentation titled “Brooklyn Bridge Rehabilitation”. The presentation was given by Rajendra Navalukar, Vice President of AECOM NJ, which covered the many challenges that were faced during the rehabilitation of the Brooklyn Bridge in New York City. The speaker also touched on the rigorous planning that occurred to prevent road closures. As usual; the students had a great opportunity to network with the top people of the industry. The ACI Student Chapter honored three directors and thanked them at the end of their term: Art Holdsworth, Allyn Luke, and Mark von Bradsky, and welcomed the new directors: Ed Panuska, George Harms Construction Co.; Scott Johnsen, Greenman-Pedersen Inc.; and Jian Chen, Structure Studio. Finally, the ACI Student chapter would like to thank Mr. Mark Wierciszewski, the President of NJ ACI Chapter and Mrs. Dianne Johnston, the Executive Director of NJ ACI Chapter for allowing the students to have such experience.

2015 Northeast CIM Patrons Benefit Dinner

On Saturday evening, February 21st, the highly anticipated 9th Annual Northeast CIM Patrons Benefit Dinner took place at the marvelous Valbella Restaurant in NYC. The dinner was attended by approximately 100 special guests dedicated to the continued success of the CIM program at NJIT. This is an all-time record in spite of the severe winter conditions that hit New York City at the time. The yearly dinner aims to raise funds to help support the CIM program. This exceptional event was coordinated by the Northeast CIM Patrons Host Committee, Larry Silvi, Jamie Gentoso, Bill Layton, and Mike Gentoso. Also joining us from the CIM National Steering Committee was Nicole Maher, Chief Operating Officer, National Ready Mixed Concrete Association (NRMCA).

The NJIT Administration has also honored us with their support for the CIM program. Attending the event with their
spouses was the Dean of the Newark College of Engineering, Dr. Moshe Kam, and the Chairman of the Department of Engineering Technology, Dr. Ronald Rockland. Three CIM graduates were among the attendants: Mike Ciallella (Titan America) and his wife, Nicolas Denicoli (County concrete) and his wife, and Sherif Girgis (Titan America). We are most thankful for everyone that was a part of this wonderful event and all those who continue to be CIM supporters.

CIM Graduates Presentation March 24

On Tuesday, March 24, 2014, three CIM graduates, Elvis Torres, with Sika and Mike Ciallala, and Sherif Girgis, with Titan America have presented to the CIM students. Elvis Torres, National Technical Service Specialist, spoke to the students about Sika’s origination, global presence, and many of their products and technologies. In addition, Elvis touched on more technical aspects of concrete such as: water proofing, sealing & elastic Bonding, and strategic applications. Elvis also showed the students projects that sika had worked on such as the Woodrow Wilson Bridge, Oakland Bay Bridge, Ohio State University stadium “Horseshoe”, I-80 Salt Lake City and much more.

Mike Ciallala, and Sherif Girgis, Sales Associates, spoke about the different manufacturers of portland cement, the types of cement, the chemistry of cement. In detail, Mike and Sherif explained the process of which cement undergoes to become the powdery substance that it is. Lastly, Mike and Sherif concluded their presentation with the different types of supplemental cementatious Materials as well as their benefits when added to a concrete mix.

Elvis, Mike, and Sherif, ended the session by answering questions and concerns from the students about the Concrete Industry Management Program, the different aspects of the concrete industry, and their own experiences. The NJIT CIM Program would like to take the chance to thank all our CIM graduates for giving back to the program and doing their best to guide CIM students to the right path.

During the conference, The NJIT CIM Students Chapter was inaugurated as the second ICRI student chapter in USA after California State University in Chico. Michelle Ghanime received the ICRI Student Chapter Banner from Dale Regnier.

It was a wonderful occasion to give students an opportunity to socialize more closely with the organization that helped recognize the student chapter that we behold today. The CIM program is becoming widely recognized through these social events with more familiarity of what our program offers our students. The ICRI conference attendants gathered together as a goal to share their knowledge and expertise around with others which was collectively shared among our students.

The students had the opportunity to intersperse and meet several different people of different positions within the chapter including the current and future ICRI presidents. Along with the bi-annual conventions that ICRI holds, these social events allow our students to be introduced to Metro NY Chapter members and take note of the strong acquaintances. It all adds up to a unique opportunity for both novice and seasoned professionals to gain a greater understanding of what peers are doing and how repair knowledge can be applied and contribute to one’s success.

NJIT ACI Student Chapter Alternative Spring Break

On Monday March 16, 2015, the NJIT ACI Student Chapter went out to Red Bank, NJ and participated in an alternative spring break event at OASIS tlc. The ACI Students were all dual degree majors in Concrete Industry Management and Civil Engineering. OASIS tlc has been converting a residence into a working farm for the past two and a half years. ACI Student Chapter President Gabriel Garcia, ACI Student Chapter Treasurer Ali Fardos, and ACI Student Chapter Members Ariel Aranda, and Walter Cevallos worked with Mr. Sloan, an engineer that lives on site, to rehabilitate a deck serving as a bridge along the perimeter of the property. Ariel and Walter came to the site to discuss the project in advance so that all materials would be available for the project on the anticipated work day.

Mr. Sloan was so impressed with the work of the ACI students that he requested the same group returns to build a new walking bridge elsewhere on the property followed by a walkway.
“Eight CIM students attended the World of Concrete conference in Las Vegas, NV: Michelle Ghanime, Yasmine Elrashidy, Erica Johnson, David Williams, Mohamed Mohamed, Ali Fardos, Gabriel Garcia, and Walter Cevallos. This conference is the largest concrete conference in the world and took place on February 3 to 5. World of Concrete 2015 will be the largest show in over six years with 674,000+ net sq. ft. of indoor & outdoor exhibit space and over 1,400 exhibitors. The conference features innovative tools, construction machinery, construction equipment, safety training courses and training, technologies and unlimited networking opportunities to give you new ways to sustain and grow your business. World of Concrete is considered by many to be one of the top shows in the industry.

On Tuesday, February 3, 2015, the students took advantage of the Exhibits. They networked with representatives from hundreds of different companies and organizations and experienced new technologies of the industry. These companies consisted of Sika, PCA, ACI, BASF, Polytek, Quikrete, Sakrete, Bosch, Makita, S-Form, Hyster, Topcon, Leica Geosystems, Gomaco, Deere, Putmeister, McNeilus, Mack, and hundreds of others. In addition, the NJIT CIM students, as well as, CIM students from, Middle Tennessee State University, California State University, Chico, and Texas State University, San Marcos alternated shifts at the CIM information booth.

On Wednesday, February 4, 2015, the NJIT CIM students, as well as, Director of the NJIT CIM Program, Dr. Mohamed Mahgoub along with all other CIM directors and staff and CIM National Steering Committee attended the 2015 World of Concrete Auction. The CIM Auction at World of Concrete Took place at the Las Vegas Convention Center and consisted of a silent and live auction. In addition to the signature concrete mixer truck donated by Mack Trucks, Inc. and McNeilus Company, there was a variety of equipment, materials, software packages, safety equipment and tools available.

On Thursday, February, 5, 2015, some of the students visited Hoover Dam on the borders between Nevada and Arizona. Hoover Dam, once known as Boulder Dam, is a concrete arch-gravity dam in the Black Canyon of the Colorado River. It was constructed between 1931 and 1936 during the Great Depression and was dedicated on September 30, 1935, by President Franklin Roosevelt. Its construction was the result of a massive effort involving thousands of workers, and cost over one hundred lives. The dam was controversially named after President Herbert Hoover.

The World of Concrete Conference was a successful and memorable trip for the students. The students have come back with a once in a life time experience. They have networked with so many top people in the concrete industry and had a lot to share with other CIM students who are waiting their turn next year.”
CIM events are publicly available to be viewed on the NJIT CIM Flickr and now Facebook. Upon entering the Flickr or Facebook page you will have access to the photo stream and summaries of the most recent events as well as being able to open specific CIM events categorized in dates. Photographs and summaries are continually uploaded.

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### 2013-2014 CIM Annual Report

Every year, Brian Gallagher, CIM Marketing Committee Chairman, along with Amy Numbers, Vice President of Operations & ROI for Constructive Communication, Inc, make a great effort producing the CIM Annual Report.

"The CIM Annual Report is a summary of all of the great efforts, achievements and accomplishments of each CIM institution, faculty, staff, Patrons, and National Steering Committee," said Gallagher. "Every year I am more impressed by what is accomplished by the CIM program."

Please visit the link below to learn about the CIM program in a National level!