It has been four years since I became the Director of the CIM Program. I am proud to say that CIM enrollment has significantly increased, making us ranked second amongst CIM four schools enrollment wise. Having Job and internship placements averaged 100% is great for our student in today’s economy.

In the Fall semester of 2014, CIM Program has 95 students as opposed to the 22 students we had when I first became Director in 2010. This semester we have initiated the CIM NJIT Facebook page which will update everyone on what our events such as socials, dinners, meetings etc. We are working on a new and improved brochure advertising the CIM Program.

The American Concrete Institute (ACI) Student Chapter is continuing to establish connections and having the student's to network with the people of the concrete industry. CIM students are usually attending ACI Dinners and meetings throughout the semester and interacting with other on-campus students. The International Concrete Repair Institute (ICRI) Student Chapter has started this semester ...

We are now deep into the 2014 – 2015 school year and the CIM program at NJIT continues its evolution. Just 3 years ago at this time we were welcoming CIM Specialist, Anlee Orama, to the program and now we are bidding him farewell. Over the last three years Anlee has done an incredible job. One of Anlee’s primary tasks was recruitment and retention and he excelled in this area! The program now boasts nearly 100 students, more than triple the size in 2011.

The fall Patron’s Meeting was held on December 10th on NJIT's campus in the atrium. It was extremely well attended and just like the spring meeting, we allowed companies to interview students immediately following the meeting. For patrons, it was an opportunity to meet with 8 – 10 students seeking positions within just a couple of hours. In the end, it was wildly successful and both companies and students found their perfect match. If there is interest we will do this again at the spring meeting for Patrons seeking for interns, part-time or people to fill full time positions.
Continued

Dr. Mohamed Mahgoub:

...by our CIM students and began attending dinners and meetings as well as this year’s ICRI Golf Outing. Our ICRI students even made concrete medals for this Golf Outing to give to the winners.

Finally I would like to thank CIM students for their dedication and hard work, helping the CIM program to be more recognized as one of the successful programs at NJIT. I would also like to thank the national and the local patrons for helping and supporting our students. Without their great effort this program would not be where it stands.

Jamie Gentoso:

... The annual CIM benefit dinner is set to take place on Saturday, Feb 21st at Valbella Restaurant in New York City. This fabulous event is a world class culinary and wine experience that serves as the one and only fund raiser for the Northeast Patrons. We hope you will join us!

In closing we, the Patrons, thank Anlee for his great effort. He will be missed but we hope to see him and his new colleagues at future patrons meetings, supporting the program he helped to build!

Did You Know?

“NJIT CIM has 100% Job Placement”

“NJIT has 2 concrete related student chapter ACI and ICRI”

CIM Alumni Class of 2011, Michael Ciallella

Describe the opportunities that were available to you through the CIM program and how did that help you start your career in the industry.

I graduated NJIT in 2011 with a CIM degree. I was a part of one of the earlier graduating classes of the program. I decided to join the CIM program when one of my friends recruited me with the anticipation of a great opportunity. The program was going through a lot of changes and development when I joined. Dr. Mahgoub really helped the program get off its feet and develop it into what it is today. The program has offered many industry socials and put us in direct contact with potential employers every semester. The CIM program gave us a tremendous amount of exposure to the industry before we graduated and gave me the opportunity to find my career.

I started working for County Concrete in 2009 as an intern. This was required to graduate. I gained a lot of field experience working for County Concrete. Before I graduated, I attended a social where I was introduced to BASF and I was given a job interview. I was hired in 2011 by BASF as an admixture sales representative in the NY/NJ area. I worked for them until 2014, when I was given an opportunity to expand my career and go work for Titan America. I am currently working for Titan America in the NY/NJ area as a cement and fly ash salesmen. I was given these opportunities though the CIM program and because of that, I have kept an active role in the CIM program and I try to assist students entering the industry.
The dinner took place at the Club 101 at the corner of 40th street and Park Ave in New York City at around 5:30 p.m. Four of our students attended this dinner, in which there was a presentation about restoration of historic buildings. The presentation explained the process of what was done to the buildings to renew them. Each one of our student had the opportunity to network with various people of different companies such as Kenseal Co. Our students enjoyed the dinner and enjoyed networking with other guest.

Qatar, August 23, 2014

On August 23-30 Dr. Mahgoub visited Doha, Qatar and presented to Ministry of Transportation, the departments of Civil Engineering and Electrical Engineering about the latest findings of Structural Health Monitoring Project (SHM). A conference paper was submitted to the 7th International conference on Structural Health Monitoring of Intelligent Infrastructure, that will be held in Torino, Italy in July. In Qatar University, an experiment on the shaking table was performed on a small concrete frame under earthquake excitation, Dr Mahgoub has help from a PhD student and also a Master student. One of the six span bridges in Qatar was modeled using a software called LUSAS which was bought from the UK specifically for this project.

ICRI Golf Outing, September 18, 2014

The ICRI Annual Golf Outing took place on September 18, 2014 at the Cedar Hill Golf and Country Club in Livingston, NJ where the event began at 9:30 a.m. ICRI members registered to play golf all day. Our students were introduced to everyone and they conversed with familiar and unfamiliar faces. Along with our students introduction their creation was also introduced which were concrete medals made for the winners of the golf outing. This year our students made hand made concrete medals for the top thee winners of the competition. It took time for our student to create these medals and hope to continue coming up with these great ideas for future events and competitions along with improving their final results.
Thanks to the director of CIM Program in Chico State University, Dr. Tanya Komas, our NJIT CIM Program sent three students to San Francisco Bay for a ten week rehabilitation project. Our CIM students Walter Cevallos, Luis Valadarese, and Jeriel Silva-netto had the chance to go to an island, not just any island but the island of Alcatraz. Which was one of the highest security prisons in the history of the United States. "I still remember a saying that was printed on the wall that made me reconsidered my decision about going to the island, the saying stated: "if you break the rules, you’ll go to prison. If you break the prison's rules, you'll go to Alcatraz". Said Walter Cevallos, one of our CIM students. Our students had the opportunity to be a part of the CPI group also known as Concrete Preservation Institute, which worked on the Alcatraz Island in the rehabilitation of some of the island’s structures. The students were broken up in to three teams, Panel team, Power House team, and Stair team. Our students were placed in all three teams each student being a member of each team. Their job was to scale drawings of inside and outside of the Power House's wall. They also had to write daily reports of the construction, demolition and forming. Finally a detailed report of the whole construction rehabilitation process, and a final presentation of the project were submitted. Throughout their time there, they analyzed and measured the dimensions of the structures that were going to be rehabilitated. The team had to identify any damaged materials within the structures and then mark it. Using a hammer, they preformed a hammer sound test to help find any damaged areas. Each time they had to come up with a proposal and presented to the Project Manager.

Once the proposals were approved the teams moved on to the next step, demolition. The students demolished the damaged material and re-measured what the structure originally was. “Trying to get as precise as possible was the hard part” one of the students stated because the measurements were used to make the wood forms. Once the forms were created, the concrete was then placed, it took its shape. The students were worried about any possible leaks, but everything went according to plan. Once the concrete cured the team placed the new structure and bonded it with the old concrete. This project was a success and students enjoyed it and learned a lot from removing concrete from a structure using different tools like a concrete saw. Students made forms and placed concrete and learned how to bond the new concrete with the old one. The students got a lot of hands on experience through out the ten weeks of staying in Alcatraz. This project is an ongoing project that goes on every summer and even gets worked on during the school semester.
2014 Calendar of Upcoming Events

October 1-3, 2014  
CIM NSC  
Chico, California

October 25-30, 2014  
ACI Conference  
Washington DC

November 12-14, 2014  
ICRI Conference  
Kansas City, Missouri

December 10, 2014  
Patrons Meeting  
Newark, New Jersey

February 3-6, 2015  
World of Concrete  
Las Vegas, Nevada

February 21, 2015  
Patrons Wine Dinner  
New York City, New York

November 25-30, 2014  
ACI Conference  
Kansas City, Missouri

March 25-27, 2015  
ICRI Conference  
New York City, New York

May 11-15, 2015  
NRMCA Sustainability Conference  
Miami, Florida

October 1-3, 2014  
CIM NSC  
Chico, California

April 12-16, 2015  
ACI Conference  
Kansas City, Missouri

March 25-27, 2015  
ICRI Conference  
New York City, New York

May 11-15, 2015  
NRMCA Sustainability Conference  
Miami, Florida

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!

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.

About
Newark College of Engineering
The Newark College of Engineering is one of the oldest and largest professional engineering schools in the United States. NCE offers 13 undergraduate degree programs, 16 master’s and 10 doctoral degree programs. Undergraduate enrollment is more than 2,500, and more than 1,100 students enrolled in graduate studies. The 150-member faculty includes engineers and scholars who are widely recognized in their fields.

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