From the Program Director

This past semester I have seen incredible dedication, passion and commitment in promoting our NJIT-CIM program. Our students are committed in principle and more importantly in action towards this wonderful program, and this reflected increased interest in our program from other NJIT students. The national and local patrons appreciated our great effort. I would like to thank everybody who participated in our success. Our achievements this semester were outstanding (see details in this newsletter). Several companies in the concrete industry competed to hire our students. Our students attended several conferences this Fall, such as NRMCA, ICRI, ACI and PACA. In their first competition, our CIM students won 6th place among 25 teams participated in the ACI international student competition. We also had a successful Pervious Concrete workshop at NJIT where fourteen students received their certification after pouring concrete on campus. During this semester, we had five field visits, six guest speakers, and three socials. CIM students attended three dinners, two for NJACI Chapter and one for ICRI Metro NY Chapter.

We had a very successful patrons meeting attended by Robert Altenkirch, NJIT president, Dr. Ian Gatley, NJIT Provost and Dr. Sunil Saigal, the Dean of Engineering. Our program has, as always, 100% job and internship placement. Although, 15% of our students will graduate (Continue on page 2)

Giving and Sharing Beyond Holidays
Jamie Gentoso, Northeast Patrons Chairperson

For students one of the most intriguing things about the CIM program is the interest and participation from the professionals within the industry. No other college major can offer such unique access to the tradeshows, associations, people, and manufacturing facilities within the industry they are studying so hard to become a part of. As patrons it’s our duty to help keep the students engaged. Encouraging and guiding them as they progress through the program that we designed. If we do this, even before they graduate they will have the same passion for the industry that we all share and truly enjoy a life long career. The holiday season isn’t the only time we should think about giving and sharing. Why not give a little of your time and share your experiences with a young, up-and-coming member of our industry throughout the year by mentoring a student in the CIM program. The time commitment would be small, perhaps lunch or coffee once a semester and a few emails, but overall could mean the world. (Continue on page 2)
Dr. Ronald Rockland, Chair
Department of Engineering Technology

The CIM program is under the Department of Engineering Technology, and I would like to use this column to give you better insight into the department and its activities. This first column will give you an overview of our department.

Within Engineering Technology, we have what is called options – think of us as a school within a department. The options include Construction Engineering Technology and Construction Management Technology, Computer Technology, Electrical and Computer Engineering Technology, Mechanical Engineering Technology, Medical Informatics Technology, Surveying Engineering Technology, Technology Education, Telecommunications Engineering Technology, and finally, the one you are most interested in, Concrete Industry Management. We are the department, within the Newark College of Engineering, with the largest undergraduate enrollment – almost 700 students.

The first question a lot of people ask is what is Engineering Technology? There are a lot of definitions, including a lengthy one from our accrediting body, ABET. However, the best one I heard was at a summer commission meeting at ABET two years ago, when someone asked what is the field of Engineering Technology?

One of the commissioners said that there is no separate field of Engineering Technology, but rather “We teach engineering, but in a more applied manner.” I think that is the best way to describe it. More courses have lab components, as opposed to their engineering counterparts. Most full time professors have extensive industry experience (I have over 25 years of engineering, management and marketing experience in industry). What does this mean for our students? It means that students will gain more real world experience in their classes.

Giving and Sharing Beyond Holidays, (Cont. from page 1)

Many of the students have expressed great interest in having a mentor, so please contact myself or Dr. Mahgoub if you have a little extra time to help the industry grow in a positive way.

Happy Holidays and see you at the (FABULOUS) Wine Dinner in NYC on February 26th.

From Program Director, (Cont. from page 1)

this coming semester, the total number of CIM student will increase due to the significant increase in new students.

I want to say how incredibly proud I am of CIM students. We have grown in these short three months together and we are on the right track to achieve more progress. I look forward to next semester when all of us with renewed energy and commitment can continue this effort.

CIM Students Shine in the NJ ACI Chapter Dinners

September 28, 2010 It was really great to see eight CIM Senior Students attending the NJACI Dinner. Thanks to Rich Liptak, the NJACI President and Dianne Johnston, the Executive Director for allowing our CIM students to have such a wonderful time networking with industry, as well as thanks to Weldon Materials and Joel Tanis & Sons Company for sponsoring our student’s dinner. This will be a standard occurence, since we have started the NJIT ACI Student Chapter this semester.

November 9, 2010 “CIM…CIM…CIM!!!” Ten CIM students attended the NJ ACI Chapter Dinner in NJIT’s Atrium, where a presentation showing the recent CIM program activities was given. After the presentation, students were approached by several companies offering our CIM students job opportunities.

Earlier, the CIM students did a great job putting up the CIM and ACI Student Chapter banners and distributing the CIM brochures. I would like to thank Rich Liptak, NJACI President and Dianne Johnston, Executive Director.

Interested in establishing your own scholarship fund to support CIM students?

Please contact Dr. Mahgoub to schedule a student social or industry tour for Spring, 2011
September 22, 2010, CIM students visited Sika Corporation in Lyndhurst, NJ. Ketan Sompura talked about Self Consolidated Concrete, SCC. He also showed the student a laboratory demonstration of this type of concrete and discussed its applications.

October 6, 2010, The CIM students visited the concrete patch plant for Weldon Materials in Scotch Plains, NJ. Thanks to Ricardo Arocha and Weldon Materials for their great help and continuous support for CIM students and program.

October 24, 2010, Krzysztof Kemen-sowicz a CIM student, promoted the CIM program at one of the Department of Engineering Technology’s student fairs. He took the opportunity talking to the attendance about CIM program. He also distributed CIM brochures.

October 6, 2010, CIM students received an informative presentation and lab demonstration given by Mr. Ondřej Mašeč, Product Marketing Manager, Sika Corporation, New Construction about pervious concrete during their field trip to Sika Corporation.

October 6, 2010, CIM students did not take any break after spending one week in Pittsburgh attending ICRI and ACI conferences. The ACI Student Chapter of NJIT held a joint event with the Student society of Contractors Club (S2C2) promoting the awareness of the CIM program and concrete industry. Students rolled up their sleeves, beat up the weather (wind and rain) and went ahead with their outdoor event as planned. Students barbequed and offered a variety of demonstrations to attract students to the booth. Students were asked to guess what PSI the concrete was going to break at, and winners receive a prize. Students enjoyed the food and had the opportunity to interact with students in the CIM program.

October 27, 2010, Wilton Arellano, a CIM student, discussed the benefits of working in the concrete industry and joining the CIM program during one of the student feedback sessions, hosted by the Engineering Technology student representative from the Student Senate. Many non-CIM students were intrigued by the positive prospects of the industry and the diversity of the program, mixing technical knowledge in concrete while honing construction management and business management skills. Wilton gave away many CIM pamphlets and build a good rapport with the department student representative.
November 11, 2010 CIM students received certification in pervious concrete. The certification process included a morning lecture on the knowledge needed for contractors to manage the material, followed by a pouring of pervious concrete right on the NJIT campus. The pour, which was attended by many students not involved in the course, will be a future barbecue area and event space. After the pervious concrete pavement was set, CIM participants took an examination to receive certification.

This workshop was made possible by Ken Justice and the Portland Cement Association, who sponsored 10 of CIM students. The concrete was provided by Colonial Concrete and was placed by TriStar Concrete.

December 3, 2010, 769 high school junior and senior students from 45 schools in the state of New Jersey visited all seven Engineering Departments in the Newark College of Engineering (NCE) including the Department of Engineering Technology (ET).

The preparation for this event started a few weeks before. Two CIM senior students, Antonio Gallotta and Sherif Girgis, took the lead in the presentations. Antonio Gallotta (CIM Senior) did a tremendous job giving a 15 minute presentation seven times, back to back. Sherif did a wonderful job distributing hundreds of CIM flyers and brochures as well as taking pictures of the event. We also put out an attendance sheet for students who were interested in the CIM program.

At 12:30pm we went for lunch with the teachers at the Atrium. We informed them about the latest activities in our CIM program and asked them to arrange for visits to their schools as soon as possible.

December 7, 2010, three CIM senior students presented their co-op experience to Alexia Jones, the Assistant Director for Student & Alumni Career Advisement and Mohamed Mahgoub, the CIM Program Director. One CIM senior student has presented his experience on Friday, Dec 3, 2010. CIM is a hands-on program that mandates taking co-op for each student. The four presentations were as follows:

- On Friday, Sherif Girgis presented his Fall 2010 experience with Sika Corporation in Lyndhurst, NJ. (Thanks to Jamie Gentoso).
- Eric Miller presented his Summer 2010 experience with URS in New York City, NY. (Thanks to Mark Bishop, NJIT-CIM first graduate).
- Antonio Gallotta presented his Fall 2010 experience with Royal Caruso in West Caldwell, NJ.
- Gyasi Bryan-Smith presented his Summer 2010 experience with Silvi Group in Morrisville, PA and English Town, NJ. (Thanks to Larry Silvi).

NJIT Co-Op Education
October 6, 2010, The CIM program would like to thank the Silvi group for the great social event with CIM students. It was a success. Thanks are due to Mr. Larry Silvi, the president of Silvi Group and Mr. Bill Ryan, the Director of Human Resources for their great presentations and answering all students questions. Silvi Group is one of the great supporters of CIM program on all fronts. They have already hired two of the CIM students in the last few weeks. After the social, we got so many positive feedback from CIM students.

November 10, 2010, Sika Corporation is an international construction chemical company of over 10,000 employees. Sika corporation is taking the lead in offering CIM students co-ops and jobs. With the attendance of more than 20 CIM students Sika gave three great presentations about their corporate, products and job opportunities. At the end of the event Sika distributed employment applications to CIM students. I would like to thank Michael Campion, Sika Vice President, New Construction, North America and CIM National Steering Committee Member. I would like also to thank Jamie Gentoso, Regional Sales Manager and the Chairperson of Northeast Patrons. My thanks are also due to Susan Cece, the Director of Corporate Human Resources.

December 1, 2010, Rotondo Weirich Enterprises, Inc. is the leading precast module manufacturer in the United States. Ayaz Ahmed, the Director of Recruiting and Employee Relations, gave a presentation about his company’s projects in the USA and overseas. He also talked about Job opportunities and internships offered by Rotondo Weirich to CIM students. After the presentation, some CIM students handed their resumes to Ayaz. I would like to thank Ayaz Ahmed for driving three hours in the difficult weather to meet with CIM students.

November 17, 2010, John Burdi, the Territory Sales Manager for Lafarge North America, Cement Division, and Kirsten Stinson, Technical Service Engineer, gave a great presentation to the CIM students. The topic was cement production. Lafarge is one of the world class cement companies, and is one of the companies that support CIM program and students. I would like to thank John Burdi and Kirsten Stinson for a great job.

November 24, 2010, Mr. Ira Goldberg, the President of Beyond Concrete talked about every aspect related to Decorative Concrete.
December 3, 2010, ICRI-NY is the local chapter of International Concrete Repair Institute, an association of construction industry professionals devoted to the proper repair and restoration of concrete and other structures. At its annual holiday party at Times Square in New York City, the chapter presented the NJIT-CIM program $3,000 in scholarships. The CIM program director, Dr. Mohamed Mahgoub and a CIM student, Wilton Arellano, were in attendance to receive the scholarships. Thanks to the current president of ICRI Metro NY Chapter, Marjorie Lynch who told me that she has so many ideas she wants to share regarding supporting CIM program. Thanks to the new president of ICRI Metro NY Chapter, Alex Somohano who told me that he will do whatever it takes to support CIM program. He offered to sponsor NJIT-CIM students if they run for the concrete canoe competition. Additional thanks to Michael Davila, the current vice president of ICRI Metro NY Chapter. Finally, thanks to Elena Danke who worked sincerely and tirelessly to make it see the light.

November 19, 2010, The meeting took place in the historic NJIT building, Eberhardt Hall. The attendance was 40 people- 15 patrons, 10 NJIT faculty and staff, and 15 CIM students. This was one of our most successful patrons meetings. Many CIM program related subjects were presented including financials, fund raising, student activities, scholarships, student research, employment co-op opportunities, and marketing. The meeting was attended by NJIT President Robert Altenkirch who gave a presentation about the university progress. The meeting was also attended by Dr. Ian Gatley, Provost and Sr. Vice President for Academic Affairs and Dr. Sunil Sajgal, the Dean of the Newark College of Engineering.
CIM Students at NRMCA Conf. (Charlotte, NC)

October 10-13, 2010, Two CIM students, Gyasi Bryan-Smith and Mike Ciallella, along with Dr. Mohamed Mahgoub, the CIM Program Director participated in the National Ready Mix Concrete Association (NRMCA) Conference in Charlotte, NC. We would like to thank Bob and Julie Garbini and Nichole Maher for their great effort helping our students.

Go Green with Doug Ruhlin

December 1, 2010, Doug Ruhlin, Principal Environmental Consultant, spent three hours going over general environmental principles & regulations pertaining to concrete plants, as well as spreading the word about sustainability, "green concrete" and it's role in sustainable development, LEED, and environmental opportunities.

CIM Students at ICRI Confer. (Pittsburgh, PA)

October 20-22, 2010, The presence of three NJIT-CIM students, along with MTSU and California State students, was felt everywhere and people were acknowledging us, especially the ICRI president, Mr. Chuck Knight. People were happy to see NJIT-CIM students and they have offered many jobs and internships.

CIM Students at PACA Confer. (Hershey, PA)

November 16-17, 2010, Four CIM students attended a two day conference to promote the CIM program. The Pennsylvania Aggregate and Concrete Association Conference took place at the famous Hotel Hershey in Hershey, PA.

CIM Students get help in Senior Project from Mike Gentoso

October 18 & November 18, 2010, On behalf of CIM program and students, we would like to thank Mike Gentoso, the Regional Vice President of Eastern Concrete Materials Inc. for taking the chance and helping us with our senior project and teaching the CIM senior students how to put together a business plan for a concrete plant.
2011-2012 Calendar of Upcoming Events

January 6-7, 2011
BIM Training
MTSU, Murfreesboro, Tennessee

January 18-21, 2011
NJ ACI Chapter Dinner
Edison, New Jersey

January 18-21, 2011
World of Concrete
Las Vegas, Nevada

February TBD, 2011
World Trade Center Visit
New York City, New York

February TBD, 2011
Social 1
NJIT

February 26, 2011
Wine Tasting Event
New York City, New York

March 13-19, 2011
Spring Break-No Classes

March 16-18, 2011
ICRI
Houston, Texas

March 22-26, 2011
ConExpo Con Agg
Las Vegas, Nevada

March TBD, 2011
Social 2
NJIT

April 1, 2011
Spring Newsletter

April 3-7, 2011
ACI
Tampa, Florida

April TBD, 2011
Patrons Spring Meeting
NJIT