

## Picking Up The Tab: A Wise Investment Pays Off

By Rick Yelton, *The Concrete Producer*, Nov/Dec 2010 Issue

My daughter thought she fooled me when she ordered the double pork chop entree for her birthday meal. She hasn't eaten that much food at one sitting in her life.

So I wasn't surprised when she left with a take-away box for the next night's supper. I'm a soft touch when it comes to helping out.

Perhaps that's why I find it so rewarding to support, through my role at Hanley Wood, the National Steering Committee (NSC) of the Concrete Industry Management (CIM) program in its fundraising efforts. With your help, the annual World of Concrete auction has raised almost \$2 million. These funds are used to support the five universities that offer our industry a unique degree.

The NSC's efforts represent only a small portion of our industry's financial commitment to establish and develop these programs. Schools receive operating funds from their states, but the real support comes from local patron groups. These groups raise local funds and provide industry mentors for school activities and classrooms.

[Read Full Article at The Concrete Producer Website](#)

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## There's Still Time to Donate to the CIM Auction

The Concrete Industry Management (CIM) program will host their sixth annual auction at the World of Concrete on Thursday, Jan. 20 in the North Hall Room N262 of the Las Vegas Convention Center. The silent auction will be held from 11 a.m. to 1 p.m. and the live auction begins at 1 p.m. The signature item will be a Mack/McNeilus transit mixer donated by Mack and McNeilus.



According to Peter Brewin, Chairman of the CIM Auction Committee, "The proceeds from the 2011 Auction will benefit the CIM National Steering Committee (NSC) and support the current CIM programs as well as help fund future program expansion."

"We have been blessed with the tremendous support from the concrete industry. Even in challenging economic times, the World of Concrete (WOC) Show Management, Hanley Wood Publications, Concrete Producer magazine, Concrete Construction magazine, McNeilus, Mack and Ritchie Brothers Auctioneers, have stepped-up to help raise valuable

### 2011 CIM Auction at WOC



The 2011 CIM Auction is scheduled for:

**January 20, 2011**

To donate, please contact Peter Brewin:  
[peter.brewin@gmail.com](mailto:peter.brewin@gmail.com)

**January 2011 NSC Meeting at WOC**



The next meeting of the CIM NSC Board is scheduled for:

**January 19-20, 2011**

For information, please contact Nicole Maher:  
[nmaher@nrmca.org](mailto:nmaher@nrmca.org)

**Join the CIM LinkedIn Group**



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**Our Sponsors**

The CIM NSC is thankful for

dollars that benefit the CIM programs," said Brian Gallagher, Chairman of the CIM Marketing Committee.

To date, the following companies have donated big ticket items for the Auction:

- Agg Industries (D.C.) - 4 tickets to Redskins vs. NY Giants 2011 season game
- Allen Engineering - E Screed
- ASCC - 1 event registration & 1 round of golf at ASCC CEO forum at Pinehurst, NC #2 (June 16-19, golf Saturday afternoon)
- Ash Grove - Travel voucher - Westin St. Francis, San Francisco, CA
- Badger Meter, Inc. - Badger Meters
- Baker Concrete - Kentucky Derby package
- Bode Sand & Gravel - 4 San Francisco Giants baseball tickets
- Canada Building Materials Company (CBM) - 4 NHL hockey tickets, Sabers vs. Carolina on March 15, 2011
- Capitol Aggregates - 4 loads I or 3 loads III of cement
- Cemex - 10 loads of cement
- Cemex (WPB) - 16 seat luxury box Tampa vs. Carolina
- Chute Wash Recovery - One wash recovery system
- Command Alkon - Command Batch
- Concrete Supply (Charlotte) - 2 one-day Buck Baker Racing School (choice of track)
- Crete Sheet - 100 sheets of Crete Sheet
- Davis Colors - 2 Dodger tickets
- Drake Cement - 4 loads of cement
- Erie Strayer - laptop computer
- Ferraro Brothers (NYC) - Notre Dame football tickets
- Florida Rock - 4 loads of cement
- Florida Rock (Vulcan) - 4 Tampa Bay MLB baseball tickets (your choice)
- Forta Corp - 1 pallet Macro Fibers
- GCC - 4 loads of cement
- Giant Cement - 4 loads of cement
- Grace Construction Products - 4 person sports package (includes 2 nights in hotel, 2 events with coach air fare)
- Heidelberg Cement (AZ) - 4 box seats opening series MLB baseball Arizona vs. Cincinnati, April 4, 2011
- Holcim, Inc. (US) - 10 loads of cement
- John Deere - riding lawn mower, model LA105
- L.M. Scofield Company - 2 sets of stamping tools
- Lafarge North America - 10 loads of cement
  
- Lehigh/Hanson - 10 loads of cement
- MAPEI - gift certificate for MAPEI products
- Martin Marietta Materials - Spurs vs. Heat basketball tickets on 3/4/11. Includes hotel and voucher for air fare (\$500 Southwest voucher)
- Mack/McNeilus - Concrete Mixer
- Metro Ready Mix - 1 week at Augusta Villag condominium (3 bedroom/2 bath) in Sandestin, Florida
- MEVA - 2,000 square foot formwork - 1 month rental
- Morgan Stanley - Signed Washington Redskins football helmet and case and 2 tickets to Washington Redskins football game
- Mountain Cement (Eagle Materials) - 3 loads of cement
- MTSU CIM - 4 person vacation package; Grand Ole Opry hotel, Grand Ole Opry, General Jackson Dinner cruise
- New Crete Products Group - 2 Perfect Form and Concrete Sprayers

The CIMNSC is thankful for the generous support from our industry partners:

**American Concrete Institute Foundation**

**American Concrete Pipe Association**

**American Society of Concrete Contractors Education Foundation**

**National Concrete Masonry Association's Foundation**

**National Precast Concrete Association**

**National Ready Mixed Concrete**

**Association Portland Cement Association**

**Precast/Prestressed Concrete Institute's Foundation**

**The RMC Research and Education Foundation**

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***CIM In The News...***

[ASCC Awards Scholarships](#)

[CIM's Cook Wins Scholarship](#)

[A Summer in Alcatraz](#)

[CSUC Students Give Back](#)

[New CIM Leader for NJIT](#)

[MTSU Building Campaign](#)

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[Monument](#)

[Decorative Project Completed](#)

[MTSU Hosts Candidates](#)

[CIM Students Build Shelter](#)

[NJIT Announces First Graduate](#)

- Inox-Crete Products Group - 2 Perfect Form and Concrete Sprayers
- NPCA - Registration for NPCA show in Phoenix February 18-20, 2011 and 2 nights free at the Sheraton
- NRMCA - 3 \$500 gift certificates towards publications
- Phoenix Cement - 4 loads of fly ash
- Prairie Materials - Chicago Sports doubleheader! 4 seats to the 2/17/11 Chicago Bulls vs. San Antonio Spurs basketball game, followed by 2/18/11 Stanley Cup Champions Chicago Blackhawks vs. Columbus Blue Jackets hockey game. Package includes parking passes to both games.
- Ready Mix USA - 4 Alabama Crimson Tide football tickets in Tuscaloosa
- Silvi Concrete - 6 bottles of wine
- St. Mary's Concrete - 4 loads of cement
- Standard Concrete, Heidelberg Cement - 4 hockey tickets Ducks vs. Capitals on 2/16/11 and 4 hockey tickets Ducks vs. Avalanche on 3/28/11
- Stoneway Concrete - Mariners baseball tickets (4 seats at the Seattle Mariners vs. Baltimore Orioles on 5/30/11 (afternoon game) at Safeco Field in Seattle)
- Tarmac - 75 tons of cement
- Titan Cement - 4 loads of cement
- TXI Cement - Dallas Cowboys vs. Washington Redskin football tickets
- Virginia Concrete (Vulcan) - 4 Touchdown Club seats at Washington Redskins vs. Philadelphia Eagles football tickets
- Vulcan (Los Angeles) - 4 center court tickets to L.A. Lakers vs. Minnesota basketball game

Once again this year, Internet bidding will be available on the Ritchie Brothers website, [www.rbauction.com](http://www.rbauction.com). To participate in the Auction, bidders must register a week in advance.

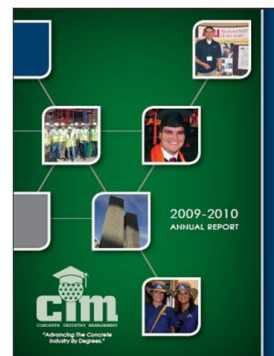
Those interested in making a donation should contact CIM Auction Committee Chairman Peter Brewin at [peter.brewin@gmail.com](mailto:peter.brewin@gmail.com) or 214-693-6669.

## CIM Annual Report Released

The Executive Director of the National Steering Committee (NSC) Eugene Martineau announces the release of the 2009-2010 Annual Report for the Concrete Industry Management (CIM) program.

The 2009-2010 CIM Annual Report includes:

- Reports from all committees (Education, Marketing/Public Relations, Auction, Recruitment, Finance and Long Range Planning)
- Institutional reports from all five CIM programs
- Industry Patron profiles
- Profiles of CIM Faculty
- Profiles of CIM Graduates
- Executive Board member profiles



[Click here](#) to view a copy of this report.

## CIM Students to Participate in Previous Live Event at WOC

During the World of Concrete (WOC) show in Las Vegas, a new event will take place in the 10,000-square-foot area of the Gold Lot outside the North Hall

10,000 square foot area of the Gold Lot outside the North Hall at the Las Vegas Convention Center. Pervious Live is the industry's only live forum on current pervious concrete technology. Also in this area, event sponsors will display, discuss, and demonstrate new equipment and test procedures for this material, which is becoming more popular.



Three pervious demonstration pads will be available for review by show attendees. One pad will be placed too dry to demonstrate raveling, and one will be placed too wet to show sealing. The third will be placed correctly. We are thrilled to announce that students from the Concrete Industry Management program at Middle Tennessee State University will install the slabs and will explain their construction.

This exciting event also complements training that will be offered from 1 - 4 p.m. on Monday, Jan. 17 at the show. Students taking the Classroom Training for Pervious Concrete Certification Program will learn the information necessary to pass the Pervious Concrete Craftsman/Installer/Technician Certification.

Throughout the week, students can take the Pervious Concrete Field Projects for Installer Certification course. Students who pass the performance evaluation will be issued credit for their efforts as completing one project of three successful construction projects with a total area exceeding 10,000 square feet. Contact Alan Sparkman at the Tennessee Concrete Association at 615-360-7393 for more information.

## ***CIM University News***

News from CIM Universities. To keep up to date on current CIM News, be sure to visit the [CIM Blog](#).

## **Arizona State News**

### **Education in the Field**



The program continues to take advantage of our urban location with several field trips planned for the fall semester. The CIM 105 class visited an aggregate operation and a ready mix concrete plant courtesy of Salt River Materials Group and Hanson Aggregates. The CIM 105 class experienced its own version of "Midnight Madness" when we visited an 800 cubic yards deck pour on the ASU campus earlier this month. After touring the site under the guidance of the project manager, the students had some fun making their first concrete cylinders! The class then came back the next day to see how the contractor had moved on with the construction schedule. The CIM 305 production class has a field trip planned to the Cal-Portland cement plant later this semester.

The CIM 405 Concrete Problems class took on a real life project when a school staff member contacted the program about a problem with her driveway. The driveway slab had recently uplifted more than an inch at the joint with the garage slab and a driveway side slab was severely cracked along with a masonry wall on the property line. The class was tasked with determining what caused the problem and performing a thorough condition survey of the property to identify potential problems and possible solutions. After presenting their findings to the owner, a course of action was decided upon and the students progressed to Phase 2 of the project. This involved demolition of a portion of the damaged slab to search for a tree root suspected of causing the cracking. Phase 3 will include further demolition and replacement of a portion of the driveway later in the semester with the assistance of more CIM student labor!

## **Cal State Chico News**

## Students Provide Demonstration of Alcatraz Work at ASCC Conference

The Chico State CIM summer field school was represented at the American Society of Concrete Contractor's (ASCC) National Conference in Salt Lake City. At the Decorative Concrete Council's outdoor display area, CIM students and Alcatraz interns Trevor Prater and Bryan James created a replica of a staircase they repaired on Alcatraz Island and demonstrated various standard and creative techniques they used on Alcatraz to match the colors and textures of 100-year-old, bay-weathered concrete.



Shellie Rigsby of Acanthus, Inc., a decorative concrete staining firm in Dallas, and Clark Branam of Scofield served as the student advisors for the project and were the leaders of the decorative aspects of the field school during the summer of 2010. By preparing the entire demonstration on site, Prater and James were able to create a live demonstration throughout the three day conference. The repair demonstration strongly correlated with the sustainable theme of ASCC's Decorative Concrete Council display area, as the nature of both historic concrete repair and the Alcatraz internship requires a focus on concrete durability and restoration rather than demolition by selectively repairing only problem areas and minimizing waste.

The ten-week-long Chico State CIM summer field school served as an internship for five Chico State CIM students, completing over 2,000 hours of cumulative work on the

infamous prison grounds and highlighting many unique features the bachelor of science degree encompasses. It was an industry-supported pilot project designed to engage CIM students in managing and performing the evaluation, estimating, repair, and preservation of concrete structures while working outside of the technical parameters of a classroom. The field school is planned to continue in future summers providing the opportunity for many more CIM students to gain valuable field experience.

## Chico Students Participate in Two Day Field Trip

Students from the Concrete Repair Class participated in a two day field trip to the San Francisco Bay Area in October. On the morning of the first day, the students worked with Robert Trout of the Lily Corporation (Robert traveled from the east coast expressly to work with the students) to prepare a site in the Presidio for field training in epoxy crack injection. Later that day, the group toured Harris Rebar's Livermore plant. That same day, they traveled back to Oakland to participate in a behind-the-scenes tour of the Caldecott Tunnel construction project complete with ongoing large-scale drilling and shotcrete application. Early the next morning, the students worked with Mr. Trout to epoxy inject the prepared crack and clean the site. The remainder of the day was spent on Alcatraz Island learning about concrete deterioration and viewing the work completed by their classmates during the 2010 summer field school.

## Chico State Patron News

We are proud to announce that the Chico State CIM program is growing and getting better every day! It is an undertaking we have done right, and it is already paying off dividends with highly qualified, motivated graduates that are working in our industry. All 14 of last year's graduates are placed, and we believe we will have 16-18 graduates available after graduation in May.



This month, we celebrate the "**5th Anniversary**" of the Chico State CIM Patron's group and our donations have supported operational costs establishing the program. We have enhanced it by providing scholarships to all qualified students, funds for students to travel to and participate in industry meetings and trade shows, and purchased equipment for our concrete lab. We have also sponsored summer field schools at Pointe du Hoc, and on Alcatraz Island that have been a tremendous success by incorporating the "learn by doing" and "hands on" approach to learning about our products. Everyone should be proud of our accomplishments and successes so far, and we are still in our formative years. Next



year is important because we are completing all the requirements for permanent status in the California State University system.

Finally, we had good news from Dean Mike Ward! He informed us that we now have dedicated office and classroom space that we can call our own. Our plan is to convert this space into a high-tech learning center that will have electronic media support for distant learning applications. We will be able to conduct and participate in lectures with experts in their fields from anywhere in the world.

## MTSU News

### MTSU Students Give Back!



MTSU CIM students participated in volunteer work with Volunteers of America (VOA). Early in the semester the CIM program met with representatives of VOA to discuss how our program could assist their clients. VOA is a privately-funded social services agency that addresses many areas for those who need a helping hand. One of the services they provide is finding affordable housing to put clients back on their feet and to provide stability for clients with physical or mental challenges. Several of those clients have been placed in houses in need of a sidewalk or driveway. With that in mind, the MTSU CIM program is partnering with VOA to help with some of these needs.

In our first project, we provided a new driveway for two VOA clients living in Murfreesboro and we are looking forward to other projects that will follow. This is a great opportunity for students to participate in hands-on work and to see how such relatively small acts can impact someone's life.

The MTSU AGC student chapter is also volunteering with Habitat for Humanity to provide whatever services are needed - whether it is concrete-related or just hammering nails! More information will follow on our service projects!

## NJIT News

### Field Visits and Socials

The Silvi Group recently hosted a successful social event with the CIM students. Special thanks to Larry Silvi and Bill Bryan for their great presentations and answering all student questions. The Silvi Group is one of the great supporters of CIM program and we thank them for all their efforts.



The CIM students recently took a field trip to Sika Corporation in Lyndhurst, NJ. We wish to thank Ondrej Masek and the two CIM undergraduate and graduate students working with Sika - Sherif Girgis and Anlee Orama - for their great effort facilitating the visit and their presentation and the lab demonstration on pervious concrete.



Nunzio Amoresano, project superintendent with Turner Construction gave CIM students a tour of the Naimoli Family Athletic and Recreational Facility construction site and answered questions about the project. Additionally, the students were able to attend the concrete placement for the super flat floor on the intersection of Lock and Bleeker Street. The state-of-the-art laser screening machine was used to make sure the surface is flat.

Rotondo Weirich Enterprises- a leading precast module manufacturer in the United States - held a social at NJIT on December 1. Ayaz Ahmed, the Director of Recruiting and Employee Relations, made a great presentation about his company's projects in the United States and overseas. He also discussed job opportunities and internships offered by Rotondo Weirich to CIM students. We wish to thank Mr. Ahmed for driving three hours in the difficult weather to meet with CIM students and also thank Dr. Ron Rockland the Chairman of the

Department of Engineering Technology for attending the social.

### **NJIT Students Receive Pervious Concrete Certification**

We are pleased to announce that during the first week in December, students in the Concrete Industry Management (CIM) program at the New Jersey Institute of Technology (NJIT) 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.

The program was sponsored by the PCA Northeast Cement Shippers Association.

## Texas State News

### **TSU Faculty News**

The faculty at TSU has been extremely busy with various research and publication projects. The following is a sample of that work:



Q. Xu, M. Ruiz, J. Hu, K. Wang, R. Rasmussen, "Modeling Hydration Properties and Temperature Developments of Early-Age Concrete Pavement Using Calorimetry Tests, *Thermochimica Acta*, has been accepted for publication.

S. Lee, J. Hu, H. Kim, S. N. Amirkhani, K. Jeong, "Aging Analysis of Rubberized Asphalt Binders and Mixes Using Gel Permeation Chromatography", *Journal of Construction and Building Materials*, has been accepted for publication.

J. Hu, K. Wang, J. A. Gaunt, "Design Concrete with Recycled Lead-Contaminated Deconstructed Masonry Materials as Aggregate", *International Conference on Sustainable Urbanization (ICSU 2010)*, has been accepted for publication.

Gaedicke, C., Roesler, J. "Fracture-Based Method to Determine Flexural Capacity of Concrete Beams on Soil" *International Journal of Road Materials and Pavement Design*, Vol. 11/2, 2010, pp 361-385.

## CIM Graduate Profile: Leean Orama

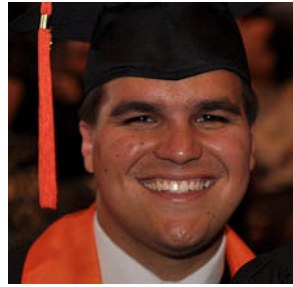
*Which CIM university did you attend and when did you graduate?*

I graduated from NJIT on May 17, 2010.

*How has the CIM program prepared you for your graduation from NJIT and entrance into the business world?*

The CIM program has not only broadened my knowledge in every aspect of the concrete industry, but also in the general construction business as well. The curriculum is designed to prepare its students not only to understand the building

materials, but how to market and sell them to the masses as well as effectively run any concrete operation. The CIM program has engaged my interests in a wide field of construction sectors and that has allowed me to effectively diversify my interests. This in turn has helped me gain an edge and has helped me network across these different fields and pursue endless opportunities. Consequently I am thrilled to have been hired as a Field Engineer by the Turner Construction Company.



*What advice would you give to other current CIM students?*

I would tell every current CIM student to not limit their interests to a specific facet of the concrete industry. As we all know concrete has many different markets and products that can virtually cater to every student's interests whether it's the management, research and development, product design, or the sales and marketing of whichever concrete market they wish to pursue.

*The CIM program works with businesses in providing summer internships. Have you been able to take advantage of that program or any other special program to develop your industry knowledge?*

During the summer of my freshman year, I was able to intern for the Port Authority of New York and New Jersey in their estimating department. I learned engineering fundamentals early on that helped me during consequent years of school. During my sophomore year, I was hired as a Corporate Operations intern with Sika Corporation, a national patron of the CIM program. My final year in school I interned with the Port Authority of New York and New Jersey once again, but this time with their Materials Engineering Department where I got to demonstrate every day at work what I've learned in our core lab classes. This internship was very exciting because I got to work overnight concrete pours on the World Trade Center project at Ground Zero.

*Have you been able to interact with the CIM patrons at NJIT? If so, in what capacity?*

The CIM patrons have been very generous with their time and resources to make this program a success. Every semester the CIM department scheduled industry professionals to come in and give us comprehensive presentations of their companies and their functions within the company. These are not only very informative, but also a wonderful networking opportunity of which our students take full advantage.

## CONNECT WITH CIM!

### CIM Blog

CIM has a new blog where you can keep up-to-date on the latest news about the CIM Programs. To view the blog, please visit: [CIM Blog](#)

### CIM on Facebook!

CIM has created a fan page on Facebook, and we would like to invite you to become a fan (search for the CIM program in the Pages Category). This page was created as a resource for students and professionals to communicate and interact. With the huge growth of social media as a communication medium as well as a recruiting tool, we believe those who participate will greatly benefit.



### Get LinkedIn With CIM

Connect with other professionals that support the CIM Program by joining the CIM LinkedIn Group today! [CIM LinkedIn Group](#)



### Join the Conversation - CIM is on Twitter

In keeping up with the social media revolution, the CIM program is now on Twitter. Follow us and join the conversation at: [twitter.com/ConcreteDegree](https://twitter.com/ConcreteDegree)





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