

CSU, Chico Concrete Industry Management NEWS

Chico State CIM Honors First Graduates

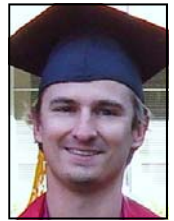
The Concrete Industry Management Program at California State University, Chico, is proud to announce their first graduates: Cyrus



Dworak, Chad Christie, Kevin Albert, Gessel Balderrabano, Brant Guido, Frank Corzine, and Jeff

Kelly. Accompanying Tanya Kommas on stage for graduation was Dr. Dirk Vanderloop, Professor Emeritus and true friend to the students and the program. Chairman of the Chico State CIM Patrons, Doug Guerrero, joined the celebration on graduation day and proudly honored the graduates by saying, "Most of the graduates have already found employment within the concrete industry, which is an excellent tribute to their worthiness, especially in these difficult times for the construction materials industry." We wish these fine young men and women the best of luck in their lives and careers and look forward to their continued involvement in the CIM program as future CIM patrons.

The Chico State CIM program gave me excellent preparation for entering the concrete industry with a good understanding of how the concrete industry works with regard to finance, production, and technical skills.



- Kevin Albert
2009 Graduate, Chico State CIM

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Local & National Patron Contributions Top \$1 Million

In January 2009, amid coverage by university and local media, University President Paul Zingg was presented with a Chico State CIM Patron contribution check that elevated the total contributions by local and national patrons since inception of the program to over \$1 million. The program is doing extremely well and is performing at the rate planned when it was established in 2006.

After three years, there are more than 60 declared CIM students. The success to date is due in large part to the dedication of the active patrons in providing donations to fund the startup of the program, providing significant time as guest lecturers, and providing continuous help to the faculty on course material and other matters related to development of the program.

*Thank you
Patrons!*



Gessel Balderrabano
2009 Graduate

For patron information contact Doug Guerrero at dkguerrero@aol.com

Research: Pointe du Hoc & Other Projects



Tanya Komars on the History Channel's "Life After People" Episode 8 discussing Pointe du Hoc. See: http://www.history.com/video.do?name=Life_After_People&bcpid=16574995001&bctid=26527737001

For questions about the project, including opportunities to support it, please contact Tanya Komars at tkomas@csuchico.edu or (530) 898-4487.

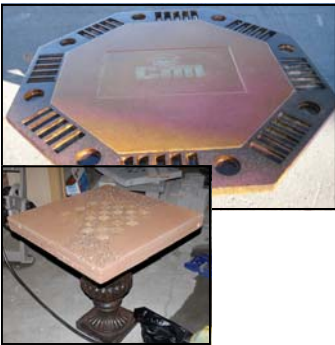
Pointe du Hoc, Normandy, France. A team of CIM students from Chico State will travel to France in September to continue concrete bunker evaluation and research at the WWII D-Day landing site at Pointe du Hoc, Normandy, France. Each of the other four CIM schools have been invited to send one student to be a part of the team and learn first-hand about historic concrete deterioration, state-of-the-art non-destructive evaluation, and about this important site and its history. The project is planned to continue for several years, culminating in historic structure

reports for the 20 structures at the site. See NRMCA's Summer 2008 issue of *Concrete Infocus* and the January 2009 issue of *ACI's Concrete International* for an article about our previous work at the site.

Recycled Materials in Highway Applications. Chico State's CIM program and the California Pavement Preservation Center, a CalTrans supported research center at Chico State, have released a survey to all state DOTs under a contract from the National Academy of Sciences for

the National Cooperative Highway Research Board project entitled "Synthesis Topic 40-01: Recycled Materials and Byproducts in Highway Applications." For information or to participate in the survey, contact Tanya Komars at tkomas@csuchico.edu

Other Research. The CIM program has several other research proposals underway, including two projects for patron companies that will focus on research of new materials for use in the concrete industry.



CIMSS concrete poker and chess tables sold as a part of the CIM Auction at the 2009 World of Concrete in Las Vegas.

CIM Student Society

The Concrete Industry Management Student Society (CIMSS) began a project to design and construct custom concrete poker and chess tables as a club fundraiser and CIM promotional activity. Michael Eastergard of Preitech, Atlanta, a company specializing in custom forms for the concrete industry, generously contributed his time and materials to manufacture the custom form for the poker tables according to student specifications.

Club members had great success with the finer aspects of decorative concrete, including using different specialty concrete mixes, grinding and polishing, working with custom plastic forms (such as how not to break them!), creatively dealing with flaws in a decorative surface, and polishing, staining, and sealing concrete. This project has truly been an industry supported endeavor, with many companies and individuals contributing time

and materials to the project. The CIMSS is taking orders for custom concrete poker and chess tables as an ongoing fundraiser to support student field trips, professional certifications, and other club activities.



Students celebrate the end of a successful year.



Chico State's ACI CCC Competition entry had a strong emphasis on Safety Planning.

CIM Courses

Chico State has now offered all CIM classes in its curriculum. The new Senior Capstone course included group projects, such as ACI's Concrete Construction Competition for which the Chico Team placed in the top 12 nationwide, and individual projects: "Light Weight Concrete Solutions," Gessel Balderrabano; "Whistle Stopper - Concrete Duck Blinds," Chad Christie; "A

Northern Light - Illuminated Concrete," Ryan Hooker; "Implementation Of A Volumetric Mixer Into A Ready Mix Fleet: Is It Really Worth It?" Frank Corzine; "Residential Applications of Concrete," Jeff Kelly; "Rice Husk Ash As SCM," Cyrus Dworak (research protocol subsequently requested by Caltrans for new specification); "Comparing Laboratory

Shrinkage Results with Shrinkage Results Taken In The Field Using ASTM C 157," Brant Guido; "Lopez Concrete And Formwork," Daniel Lopez; "Analyzing Concrete Slump Change With Respect To Temperature And Aggregate Shape," Kevin Albert.

All CIM schools share a common core curriculum with specialized topics being developed at individual institutions.

Faculty



Strong growth of the CIM program continues with enthusiastic support from university administration and guidance of dedicated instructors during the last academic year.

Charlie Roberts taught the Senior Capstone course and advised the ACI CCC competition team to a strong finish.

Leslie Anderson-Mills taught the lab for Foundations of Concrete and coordinated the internship program.

Tim Hostettler of A&A Concrete

taught Facilities Management and Applied Sustainability. His Sustainability curriculum is now being used by the other four CIM schools.

Greg Juell of Lehigh Cement taught Foundations of Concrete: Materials & Testing, provided guest lectures in other classes, and lead field trips.

Clark Branam of L.M. Scofield was a guest instructor for the Decorative Concrete class, helping guide a very ambitious schedule of projects in the lab and around campus.

Doug Yeggy of Headwaters Resources taught the Applications and Methods course for the second time.

Greg Guercia of BASF Admixtures contributed his expertise for an Advanced Mix Design class.

Congratulations to Dr. Dirk Vanderloop on his appointment as professor emeritus. We look forward to his continued involvement in whatever capacity his future may hold.

Tanya Komars continues as the director of the CIM program and teaches several classes.

Margaret Stoner and Terry Battle continue their dedicated administrative support of the program.

Thank you to all of the many additional CIM patrons and industry experts who participated as guest lecturers, provided materials, guided field trips, and contributed in the classroom and lab in so many important ways.

Internships & Company Socials

Internships are a great way for companies to meet and get to know potential future employees and for students to learn hands-on about the industry. The Chico program has 18 interns in the field this summer. Please join us for the fall Patron meeting where summer 2009 interns will give presentations showcasing their industry experiences. This is a

great way for potential employers to see the range of student experiences, responsibilities, skills, and tasks that may help in the formulation of plans for hiring an intern in the future. For more information on employer and student requirements for internships, see:

<http://www.ecst.csuchico.edu/depts/cim/Internships/index.html>

Patron Company Socials are an excellent opportunity for companies to meet potential interns and employees. To schedule a company social for the upcoming fall semester, patrons may contact Margaret Stoner at:

stoner@csuchico.edu

530-898-5963



The LEED Recycled Content and Regional Materials Calculator for the Concrete Industry, created by Greg Mercurio, Chico State CIM student during his summer 2008 internship with NRMCA, is available on NRMCA's website at: <http://my.nrmca.org/scriptcontent/BeWeb/Orders/ProductDetail.cfm?pc=2PLC1>

Spotlight on Patrons

William T. Albanese, Vice-President of U.S. Concrete and former President of Central Concrete Supply Co Inc. of San Jose, Calif., is one of the founding members of the Chico State CIM Patron's Group and a strong advocate of the concrete industry. He and his brother Tom graduated from Santa Clara Uni-

versity in business, and have worked together these last 40 years in building Central Concrete into one of the largest concrete and building material companies in Northern California. Bill and his wife, Mari, have a daughter and a son living in Los Gatos, California, where their three grandchildren live.

They also have a daughter who lives and works in New York City.

Thank you, Mr. Albanese and all of our great CIM patrons, for your dedication and support!



William T. Albanese, Founding Member, Chico State CIM Patrons.

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Recognizing that the U.S. concrete industry needs management professionals with a Bachelor of Science Degree as well as street smarts in order to stay competitive in a rapidly changing business environment, the Chico State Concrete Industry Management (CIM) patrons offer steadfast support to the new concrete major offered at California State University, Chico. The program, now in its third year, blends business skill training with an emphasis on all concrete, including Manufactured Concrete Products, Ready Mix, and heavy construction materials used in the construction industry. Additionally, Chico State CIM graduates take enough economics, business law, accounting, marketing, finance, information technology, and project management courses to earn a minor in business administration from the College of Business.

For information about the program, including how to become a patron of the program, please contact Tanya Komars at 530-898-5963 or cim@csuchico.edu

Advancing the Concrete Industry by Degrees

www.csuchico.edu/cim

Please visit our Web site for information about the program, patrons, and upcoming events

Look Where We've Been!

Travel to industry events is an important part of the strong industry involvement goal of the national CIM program. Thanks to patron and other support for travel, faculty and students traveled to several important events during the spring semester including:

NRMCA-Orlando
ICRI-Minneapolis
World of Concrete-Las Vegas
CIM National Steering Committee-Nashville

Please join us!

Please plan to join us for upcoming events:

Fall Patron's Meeting
October 15th
Chico State Campus

Information for the meeting and all associated events will soon follow

View Chico State CIM Calendar at:

http://www.ecst.csuchico.edu/_depts/cim/Events/index.html



Chairman Doug Guerrero tends the BBQ at an impromptu end of the year CIM celebration at the Komars house.