

March 2010

Concrete Conveyor

**AMERICAN CONCRETE INSTITUTE
SOUTHERN CALIFORNIA CHAPTER**



YOUR SOURCE FOR WHAT'S HAPPENING NOW!

MARK YOUR CALENDAR!

MARK YOUR CALENDARS!

**Thursday 18 March 2010
Luncheon & Program**

**"Moisture in Concrete Floors ---
The Flooring Industry Appears To Be Soaking Us!"**

Geoffrey Hichborn, SR, PE

**Luminarias Restaurants & Banquets
3500 West Ramona Boulevard
Monterey Park, California 91754**

More Details Enclosed

American Concrete Institute Southern California Chapter
P.O. Box 712740 ~ Santee, California 92072
Phone: (877) 562-2241 ~ Fax: (619) 258-5839 ~ Email: aciscc@cox.net
Visit us on the web! www.acisocal.org

PRESIDENT'S MESSAGE

First off, I would like to thank all of the Chapter members whom have shown your confidence in me to lead the Southern California Chapter of ACI as our 2010 President. Thank You to Pat Murena for his leadership this past year, and to the outgoing Board and Committee members for their dedicated service to the Chapter. I would like to congratulate all the incoming Board members, Officers, and Committee members and look forward to working with all of you to further the chapters "Mission" to gather, collate, and disseminate information for the improvement of the design, construction, manufacture, use and maintenance of concrete products and structures.

Last year while recruiting new members to participate in our chapter, I was repeatedly asked "What are the benefits of joining, and what's in it for me?" Let me answer by relaying some of my personal experiences with just some of the people and events that I have encountered by being a member of ACI Southern California Chapter.

My first meeting was in 1985 at Luminarias, as a guest of Terry Dooley. The contacts that I made that evening led me to continue participating in Chapter events, which also led to participating nationally in ACI and include the following:

Tours and Visits

Cement plant tours in Colton and Mojave, including walking thru the inside of a kiln while down for maintenance, and seeing a limestone blast in the quarry.

Lightweight Aggregate production Facility tour

Headwaters Fly ash terminal tour.

Oldcastle Precast plant tour.

Ready Mix batch plant tours.

Testing Facility Tours.

Vulcan and National, Aggregate facility tours.

Color and admixture facility tours.

High Volume Fly Ash Demonstration

Jobsite visits and tours of active and completed structures.

Education, Seminars, Certifications

Building Codes, Product presentations, Form Design seminars

Annual Joint meeting Sessions with Seaosc

Certification as Flatwork Finisher and Technician

Networking Opportunities

Monthly meetings, with speakers and topics relevant to our industry

Annual Membership drive

Annual Field Day Golf Event and Scholarship Fundraising

Awards sessions honoring the talented Professionals and Firms in our chapter

Information

Access to all the ACI Technical and educational documents which are kept in the chapter library and available to all members at no cost.

Chapter work and National Participation

Board of Directors, Vice President, President of the Southern California Chapter

National Committee Chair of ACI 303 Architectural Cast in Place Concrete

Co Chair with Kirk McDonald for the 2008 National Convention in Los Angeles

National Round Table Participant in 2008 and 2009

People

The people that I have met thru ACI have given me the knowledge and contacts to feel comfortable in finding the answer to any concrete related issue that I have encountered in my professional career. Additionally the friends that I have made thru ACI are lifelong friends.

I have just touched on some of the great opportunities that we have to offer with membership. Please join us this year in participating in all the opportunities that support the Southern California Chapters mission, and bring a friend or colleague with you.

Chris Forster

ACI Southern California President 2010

ACI SOUTHERN CALIFORNIA CHAPTER SAM HOBBS SERVICE AWARD 2010



Congratulations to **Robert "Rob" Graine** for being selected by the Nominations Committee as the recipient of the 2010 Sam Hobbs Service Award. As a dedicated member of our Chapter & strong supporter of our Industry, Rob has been involved with numerous committees, served as Chapter President in 2005 & has trained thousands of people in our Certification Program. Presenting the Award was Jim Miles, recipient of the Sam Hobbs Service Award in 2009. As family, friends & colleagues provided a standing ovation, a humble Rob gave his heart-felt appreciation to all his many friends who have been there for him throughout the years. Thank you to all who attended as we honor a well deserved man for his support of ACI SoCal.

ARTICLES FROM ACI

First Phase of an International “Green Construction Code” is Completed

The **International Code Council (ICC) Sustainable Building Technology Committee (SBTC)** recently developed the first draft of the new **International green Construction Code (IgCC)**. Steve Szoke, **PCA Director of Codes and Standards** and a member of the **SBTC**, participated in the work group addressing materials.

Although the current draft does not include sustainability requirements for specific or selected materials, a positive aspect for the concrete industry is that the draft does include a minimum design service life plan of at least 60 years with project electives for 100 and 200 year plans. Also, in addition to re-use, bio-based, recycled content and indigenous, recyclability was added to the general requirements for building materials. The draft also includes a provision that would restrict floor-to-floor heights in multi-story buildings.

The draft document of this collaborative effort of the **ICC, ASTM International**, and the **American Institute of Architects** is scheduled to be made available by **ICC** for public comments on March 15, 2010. Public comments must be submitted by May 14, 2010 and a new **SBTC** will be formed to review and act on comments during hearings scheduled for August 14-22 in Chicago. **ICC** is expected to publish the final document in 2012 following a series of additional code development hearings.

[Contact Steve Szoke](#)

What's Happening NOW!

Calender of Events for 2010

March 16, 23 & 25, 2010	Strength Testing Technician Certification Metropolitan Water District, La Verne
March 17, 20, 24 & 27, 2010	Field Testing Technician Certification National Ready Mix, Duarte
March 18, 2010	ACI Southern California Chapter Lunch & Program @ Luminarias "Moisture in Concrete Floors --- The Flooring Industry Appears To Be Soaking Us!"
April 8, 10, 15 & 17, 2010	Field Testing Technician Certification Chino Ready Mix (Standard Concrete), Chino
April 21, 24, 28 & May 1, 2010	Field Testing Technician Certification Southwest Inspection & Testing, La Habra
May 20, 2010	Howard Lux Memorial Scholarship Fund Golf Tournament Sierra Lakes, Fontana
July 20, 27 & 29, 2010	Strength Testing Technician Certification Metropolitan Water District, La Verne
October 26 November 2 & 4, 2010	Strength Testing Technician Certification Metropolitan Water District, La Verne

SCHEDULE OF THE PROCEDURE REVIEW MEETING FOR LAB TECHNICIAN LEVEL II IS:

April 13, 2010
OR
October 5, 2010
Metropolitan Water District, La Verne

DON'T FORGET! ALL THIS INFORMATION & MORE IS AVAILABLE ON OUR WEBSITE!

Check out our calender at www.acisocal.org frequently for updated Industry news!

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ACI PUBLICATIONS

For more information or to order any of the following publications call 248.848.3800.

The Contractor's Guide to Quality Concrete Construction - Third Edition

This guide provides insight into proven construction practices that will produce quality concrete construction. Contents include how to organize for quality, concrete mix designs, foundations, formwork, reinforcement and embedments in structures, joints and reinforcement for slabs-on-ground, preparing for concreting, concrete placing and finishing common field problems, and safety. It is also a required or suggested document for contractor licensing programs in 11 states. The CD-ROM and MP3 audio formats are accompanied by a printed supplement containing the figures, tables, and checklists from the document. The audio version allows contractors and engineers to educate themselves or their employees on quality concrete construction practices while waiting in a vehicle, traveling to and from work, or running between projects

Format	Order Code	Price
Contractor's Guide - Hard Copy	ASCC105.EM	\$68.50 (ACI members \$38.00)
Contractor's Guide - <u>CD-ROM Format & Supplement Booklet</u>	ASCC105CDPACK.EM	\$68.50 (ACI members \$38.00)
Contractor's Guide - <u>MP3 Audio Format & Supplement Booklet</u>	ASCC105MP3PACK.EM	\$68.50 (ACI members \$38.00)
Contractor's Guide - <u>Hard Copy, MP3 Audio, & Supplement Booklet</u> or - <u>Hard Copy, CD-ROM Audio, & Supplement Booklet</u>	ASCC105MP320PACK.EM ASCC105CD20PACK.EM	\$109.60 (ACI members \$60.80) Save 20% - \$27.40/\$15.20

To learn more or to order, click on one of the formats listed in the box.

How to order:

Phone: 248-848-3800, and mention appropriate order code.

ASCC105.EM (Hard Copy/Book), or

ASCC105CDPACK.EM (CD-ROM & Booklet), or

ASCC105MP3PACK.EM (MP3 & Booklet), or

ASCC105MP320PACK.EM (Hard Copy/Book, MP3 & Booklet), or

ASCC105CD20PACK.EM (Hard Copy/Book, CD-ROM & Booklet), or

Click: on the preferred item listed under the format section in the box above:

More from ACI - ACI has additional titles on this subject. To browse a list of the related titles, click on one of the links above. The related items appear along the right side of the web page.

Please forward this message to others that may be interested in this information.

If you are an ACI member, be sure to log in to obtain the member discount. Prices do not include postage and, if applicable, tax. Expedited delivery (overnight or two-day) is available. Contact ACI for appropriate tax and postage fees. For additional information, visit ACI's online bookstore at www.concrete.org, e-mail bkstore@concrete.org, or call 248-848-3800.

ACI PUBLICATIONS (continued)

Leading With Marketing

How do successful architecture, engineering, and construction (AEC) firms become leaders in their markets?

Leading With Marketing embodies how an AEC firm should approach their business, their marketplace and their customers. When companies lead with marketing, they strategically choose which markets to target, what to offer, how to differentiate, how to communicate, and how to win. To truly lead with marketing, a firm's marketing strategy must be an ongoing, dynamic process. The process must enable the company to focus its resources on the right opportunities to increase profitability while satisfying the customer needs and achieving a sustainable competitive advantage. Leading With Marketing provides the insights, expertise and knowledge needed to lead with marketing. \$49.95; Order Code: LWM.EM. ACI does not offer discounts on industry publications.

ACI Southern California Chapter – March 18, 2010



"MOISTURE IN CONCRETE FLOORS --- THE FLOORING INDUSTRY APPEARS TO BE SOAKING US!"

GEOFFREY HICHBORN, SR, PE

Mr. Geoffrey Hichborn, a Civil Engineer, is the Principal of **Hichborn Consulting Group** and a Senior Consultant with **Concrete Insights Corp.**, both in Anaheim, CA, **Concrete Insights Corp.** specializes in the forensic evaluation of construction involving concrete, plaster, and masonry. **Hichborn Consulting Group** consults regarding repair methods, materials, and procedures and performs evaluations of cement, cement containing products, and gypsum based materials, including formulated and packaged materials. Working all over the nation, though mostly in the southwest, Mr. Hichborn evaluates claims of defective or damaged concrete, determining whether the materials and installation satisfy the relevant plans and specifications. For construction in service, his firms perform condition surveys in light of exposure to potentially aggressive environments and difficult soil conditions. His firms also assess distressed work, regularly considering causation and recommending repair methodologies. He investigates fire, water, wind, and earthquake damage on concrete and related construction; also claims of sulfate attack, alkali aggregate reaction, and distress to concrete by acids; flooring problems on concrete; and questions regarding concrete slabs and structures for many other conditions. Such investigations have encompassed all forms of construction, including residential, commercial, industrial and public sector. He has investigated and testified about concreting defects in newly constructed and very old work, including freshly cast concrete in new construction and foundations of 100 plus year old buildings. The scope of such work has ranged from informal verbal assessments to multi-million dollar litigation support. He has testified in arbitration hearings, mediations, small claims, municipal, superior, and federal courts, and prepared a reports used before Judge Wopner in The Peoples Court.

He frequently makes presentations and teaches seminars relating to various cement and concrete related topics. Earning a BS in Civil Engineering from UC Irvine in 1979, he has a Registered Civil Engineer in California since 1990. He is National President of the Forensic Expert Witness Association.

Mr. Hichborn's prior positions include: six years at Riverside Cement Company leaving as Manager, Technical Services, three years as President of a commercial construction materials laboratory, and two as Director of Materials Engineering, Testing and Inspection for a Geotechnical Engineering firm. Mr. Hichborn has over 30 years experience investigating cement and concrete claims and addressing related issues.

Mr. Hichborn is a Fellow of **ACI** and active in its committee work. He is a member of subcommittees **201-Durability, 225-Cement, RCC-Responsibilities in Concrete Construction, 332-Residential Concrete** and **552-Geotechnical Grouting**) and **ASTM**, (including various subcommittees of Committees **C-1, Cement** and **C-9, Concrete**) and maintains active memberships in **ASCE, ICRI, PTI, SEA, SEAOSC, PCMAC, PCI, and ASCC**, among others.

Moisture in Floors Presentation will include the following:

California construction defect litigation past and present, particularly residential, involving concrete slab cracking and the presence of moisture related to the suitability for flooring installations; Senate Bill 800 and what it means for the stakeholders in the concrete industry, especially suppliers, subcontractors, and design professionals; degree of acceptance for, initial development of, changes in, and current uses for vapor emission and relative humidity tests of concrete before and after installation of flooring; the changing authority and requirements of flooring standards; discussions of concrete provided within resilient flooring guidelines. The changing risks and potential duties for those who design, specify, order, install and supply concrete especially foundations and interior slabs.

ACI Southern California Chapter – March 18, 2010



"MOISTURE IN CONCRETE FLOORS --- THE FLOORING INDUSTRY APPEARS TO BE SOAKING US!"

GEOFFREY HICHBORN, SR, PE

Location: Luminarias Restaurant & Banquets 3500 West Ramona Boulevard, Monterey Park, CA 91754

Cost: Member - \$25.00 Non-Member - \$30.00 Walk-in Member or Non-Member - \$30.00

Time: Registration 11:30 AM – 12:00 PM
Lunch and Presentation 12:00 PM – 1:30 PM

Reservation: MUST be received by **Wednesday March 10, 2010**
Heather at: Phone – 877.562.2241; Email – aciscc@cox.net; Fax – 619.258.5839

PAYMENT MUST BE RECEIVED TO CONFIRM RESERVATION!!!!!!
Mail to: ACI, San Diego P.O. Box 712740 Santee, CA 92072

“MOISTURE IN CONCRETE FLOORS”– March 18, 2010

Print Name _____ Phone _____

Reservation Quantity Members _____ Reservation Quantity Non-Members _____

If Members please print all Names of Members _____

Mailing Address _____ City _____ State _____ Zip _____

E-mail for confirmation _____

PAYMENT: ___ Check (payable to ACI, Southern California International Chapter) **OR** ___ Visa ___ MasterCard ___ American Express

Card # _____ Security Code _____ Exp Date _____

Billing Address of Credit Card _____ City _____ State _____ Zip _____

Signature _____

Cancellation: Heather 877/562.2241 - Please CANCEL your reservation(s) at least 24 hours in advance if you are UNABLE to attend.



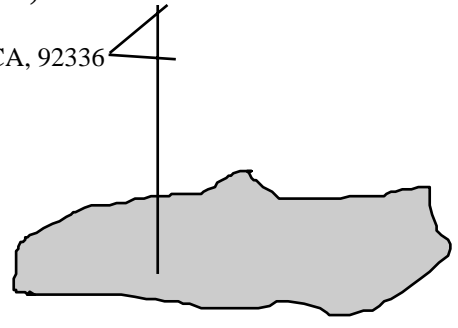
SOUTHERN CALIFORNIA CHAPTER AMERICAN CONCRETE INSTITUTE

HOWARD LUX MEMORIAL SCHOLARSHIP FUND GOLF TOURNAMENT THURSDAY, MAY 20, 2010

LOCATION: SIERRA LAKES GOLF CLUB – 16600 Clubhouse Drive, Fontana, CA, 92336

TIME: Registration 10:30 AM
Shotgun Start 1:07 PM

FEES PER PLAYER: \$125.00 per person (includes golf w/cart, three drink tickets & dinner)
Sponsorship Cost see attached
PLEASE NOTE SELL OUT AT 100 GOLFERS



SPONSORS: (Reverse side of flyer) The Southern California Chapter, American Concrete Institute invite you to be a sponsor of our Annual Golf Tournament. You can be a sponsor, as well as play in the tournament. Your company will have sign recognition on the golf course the day of the tournament, **so be sure to send your business card with your sponsorship donation.**

PAYMENT: Check or Credit Card

FORMAT: Four Man Scramble / Putting String
Hand Wedge is a free toss of the ball.

PRIZE: CASH PRIZES

ATTIRE POLICY: Men must wear collared shirts. Golf shorts must be at least med-thigh in length. Please no cut-offs, blue jeans, sweat pants, gym shorts, tee-shirts or tank tops. Sierra Lakes Golf Club Course is a Non-Metal Spike facility.

For more details call 1-877-562-2241

PAYMENT MUST BE RECEIVED TO CONFIRM RESERVATION!!!!!!!!!!

Please return this portion with **PAYMENT AND BUSINESS CARD** by **MONDAY, MAY 3, 2010** to:
ACI Southern CA, P.O. Box 712740, Santee CA 92072, E-mail aciscc@cox.net ,
or FAX (619) 258-5839

ACI'S ANNUAL GOLF TOURNAMENT – THURSDAY MAY 20, 2010 – SIERRA LAKES GOLF CLUB

Name(s) _____

Company _____ Phone _____
Email Address (needed for receipt) _____

Number of Players _____	\$ _____
Sponsorship _____	\$ _____
Mulligan (1 for \$5; 5 for \$20 – limit 5 per team) _____	\$ _____
Hand Wedge (1 for \$5; 5 for \$20 – limit 5 per team) _____	\$ _____
Raffle Ticket (1 for \$5; 5 for \$20) _____	\$ _____
Putting String (1 Foot \$1; min 5 feet) _____	\$ _____
<u>TYPE OF SPONSERSHIP</u> (See Second Page) _____	\$ _____
TOTAL	\$ _____

I would like to contribute a prize or gift _____
Number for Dinner Reservations _____

METHOD OF PAYMENT: ___ Check enclosed (payable to ACI, Southern California) **OR** ___ Visa ___ MasterCard ___ American Express

Acct. # _____ Exp. Date _____

Signature _____

**ACI ANNUAL GOLF TOURNAMENT
THURSDAY, MAY 20, 2010 – SIERRA LAKES GOLF CLUB**



Available Sponsorship

		<u>EACH</u>
Dinner Sponsors	4 available	\$300.00
Beverage Cart Sponsors	4 available	100.00
Closest-to-the-Pin Sponsor	2 available	100.00
Hole Sponsor (T-box sponsor available)	17 available	100.00
Longest Drive Sponsor	2 available	100.00
Straightest Drive Sponsor	2 available	100.00
Putting Contest Sponsor	2 available	100.00
Golf Ball Sponsor	2 available	200.00
Raffle Sponsor	5 available	100.00

Sponsorships (with business card) must be received by MAY 1, 2010

Here to Serve YOU!

American Concrete Institute Southern California Chapter

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