



# NEWSLETTER

## PRESIDENT'S MEMO

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### 2006 BOARD OF DIRECTORS:

**President:**

Nick Maloof, Thomas Concrete

**Vice President:**

Wayne Wilson, Holcim (US)

**Secretary**

"Sam" Morris, Certification/Accreditation Board, GA Chapter, ACI, Inc.

**Treasurer:**

Mel Galinat, Fiber Consultant

**Directors:**

- Gary Knight, Holcim (US) Inc.
- Matthew Singel, P.E., Southeast Cement Association
- Pete Tatnall, Performance Concrete Technologies
- Kem Magnant, Georgia Concrete & Products Association
- Kirk Deadrick, Lafarge—NA
- Scott Palotta, APAC, Inc.

We are going into summer and will have no luncheon meetings in Atlanta until September. However, we do have several great programs for you on our summer schedule. We will have a luncheon meeting in Tifton on July 28 at the Abraham Baldwin Agricultural College (ABAC) where we will hear from **Wayne Wilson, P.E.**, Holcim (US) Inc., about "**Understanding and Avoiding Concrete Material Incompatibility**". At our luncheon meeting in Augusta on August 25 (Location not yet determined) we will hear about "**Building the World's Largest Aquarium**". **Chris Britton**, Brasfield and Gorrie, Senior Project Manager -Georgia Aquarium will tell us what it was like working on this great concrete project. I assure you that both of these presentations will be interesting and informative.

Our annual **Skipper Seminar** will be held on **June 27, 2006 beginning at 8:00 a.m. to 12:00 noon, followed by lunch**. This seminar will be interesting and informative.. Some great speakers will enlighten us about advances in concrete with topics to include Self-Consolidating Concrete (SCC) (Normal Weight and Lightweight), Pervious Concrete and Colored Concrete Systems. Hope to see you in the Blue Room at The Georgia Freight Depot for this exciting program. You may register on online at our website. Your participation will be greatly appreciated as three of our speakers are from out of state.

Our GAACI Golf Tournament had to be rescheduled. It will still be held at the Gold Creek Golf Club in Dawsonville, GA., however it has been rescheduled for **October 20, 2006**. Hope this change didn't inconvenience anyone and that you can all be there in October. This is a great golf course that I know you will enjoy playing. And, at the same time, you will be helping our Chapter. Please check out our website, [www.georgiachapteraci.org](http://www.georgiachapteraci.org), for information and registration for all GA ACI programs.

One final note: Our address has changed (Suite # only) from Suite 110 to **Suite 665**. All other information remains the same. Please update your address books accordingly

I wish everyone a good and safe summer and hope to see you at one or more of our summer program.

Nick Maloof, FACI,  
President  
Georgia Chapter, ACI, Inc.

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### GEORGIA CHAPTER ACI, INC. HOSTS ACI 318-05 SEMINAR—The Structural Concrete Standard

Your Chapter hosted the above named seminar on June 14, 2006. There were 58 persons in attendance. The seminar was held at the Sheraton Buckhead Hotel, Atlanta, Georgia. We had two of ACI's best speakers for this seminar. They were: **S. K. Ghosh, PhD., FACI**, President S. K. Ghosh Associates, Inc., Palatine IL and **William Gene Corley, Ph.D., ACI Honorary Member**, Senior Vice President, CTL Group, Skokie, IL.

This was an ACI/PCA One-day Seminar and some topics covered by Dr. Ghosh and Dr. Corley was the revised, improved, and consistent notations throughout Code; Expanded and enhanced Appendix D, Anchoring to Concrete; Design of post-installed anchors; applications of unified design provision and crack control criteria, and much more.

# UPCOMING EVENTS

June 27, 2006— 8:00 a/1:30p  
**V. D. Skipper Seminar**  
 Georgia Freight Depot-Blue Room  
 #1 Martin Luther King Drive  
 Atlanta, Georgia  
[www.georgiachapteraci.org](http://www.georgiachapteraci.org)

ACI Field Tech Level I Exam  
 July 22, 2006—8:00 a.m.  
 Lafarge Q & A  
 Atlanta, Georgia  
[www.cabofgeorgia.org](http://www.cabofgeorgia.org)

July 28, '06—12:00 Noon/1:30 p.  
 ACI Georgia Chapter Luncheon  
 Abraham Baldwin Agricultural  
 College (ABAC) **1 PDH Awarded**  
 2802 Moore Highway  
 Tifton, Georgia 31793  
[www.georgiachapteraci.org](http://www.georgiachapteraci.org)

August 19, 2006—8:00 a.m.  
 ACI Field Tech Level I Exam  
 Ready Mix USA Lab (formerly RMC  
 Allied Ready Mix) Q & A  
 Decatur, Georgia  
[www.cabofgeorgia.org](http://www.cabofgeorgia.org)

Aug. 25, '06—12:00—1:30 p.m.  
 ACI Luncheon Meeting  
 Location—TBA **1 PDH Awarded**  
 Augusta, Georgia  
 Check Web: [georgiachapteraci.org](http://georgiachapteraci.org)

September 22, '06-12:00/1:30p.  
 ACI Luncheon Meeting  
 Speaker: Harry Moats, Precision  
 Concrete Construction  
 Sheraton Buckhead Hotel  
 Atlanta, Georgia

October 20, 2006  
 ACI Golf Tournament  
 Gold Creek Golf Course  
 Dawsonville, Georgia  
 Watch for information on the web  
 and in the mail.

## MAY CHAPTER MEETING

We had about thirty in attendance to hear a technical presentation by Darren Fouts, Project Manager for Hardscapes USA, a Division of ReadyMix/Block USA. His title was "Successfully Specifying & Bidding Segmental Retaining Walls". Some of us expected to gain knowledge of how to build "do it yourself" block retaining walls, but it was more serious than that! Darren introduced us to the concept of "Mechanically Stabilized Earth" [MSE]. He began with a photo of an ancient "Ziggurat" found in Iraq. This was a large earthen structure composed of MSE, which is soil stabilized with organic tensile reinforcement. He explained that modern MSE utilizes geogrids and geotextiles for reinforcement and that soil reinforcement is a critical element of retaining walls. We were informed that segmental retaining walls cost from \$15 to \$17 per square foot installed, whereas cast-in-place concrete costs about \$30 per square foot. Segmental walls have a longer design life than wood and better aesthetics.

Darren stressed that specifying minimum design parameters is critical. The common practice of "design by others" invites dispute if failure occurs. Sources of design are the NCMA and AASHTO. It is important to know the local soil conditions and "global stability" at the site since 90% of the strength of segmented walls comes from the soil. He emphasized the need to design for storm water run-off as wet soil creates more pressure on the wall. He showed numerous photos of water damaged walls. Another issue raised was construction verification testing by third parties so that design parameter attainment could be assured. Elements to be verified are the wall "batter" [angle of repose], code requirements and the employment of geogrids. Finally he addressed the aesthetics of block wall systems as to color and texture and offered that simulated stone was the best choice.

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### WELCOME NEW MEMBERS

Please join us in welcoming the following new members to our Chapter.

<b>Mike Gibbons</b> Southern Color N.A, Inc.	<b>Jonathan Dean</b> MACTEC Engineering	<b>Kelly Greer</b> PSI	<b>Marty Blackman</b> PACE Geotechnical
<b>Adrien Butler</b> MACTEC	<b>Mitko Chervenko</b> NOVA Engineering	<b>Laura Chung</b> GeoHydro	<b>Arlando Eatman</b> Piedmont Geotech
<b>Chris Goss</b> QORE	<b>Kenneth Johnson</b> Building & Earth Sciences	<b>Marcott Zach</b> NOVA Engineering	<b>David Ngamau</b> Piedmont Geotech
<b>Kari Perryman</b> Piedmont Geotech	<b>Tony Stillwell</b> Piedmont Geotech	<b>Maurice Williams</b> WPC, Inc.	<b>Jeffrey Bleam</b> GA St Finance & Inv
<b>Wayne Bowles</b> Ernst Enterprises	<b>Jeff Briggs</b> Ernst Enterprises	<b>Tom Curry</b> Ernst Enterprises	<b>Jonathan Davidson</b> Piedmont Geotech
<b>Randy Dorman</b> ATC Associates	<b>David Ernst</b> Ernst Enterprises	<b>Kyle Ferguson</b> Terracon	<b>Gary Fitzpatrick</b> Ernst Enterprises
<b>Matos Helton</b> QORE	<b>Sobhan Mohammad</b> ATC Associates	<b>Jeff Thomas</b> Ready Mix USA	<b>Lewis Wilson</b> Ahlbert Engineering
<b>Imad Youmaran</b> Matrix Engineering			

PLEASE NOTE: PERSONS WHO SIGN UP AT EITHER THE TIFTON MEETING OR THE AUGUSTA MEETING WILL BE GIVEN MEMBERSHIP FOR THE BALANCE OF 2006 AND ALL OF 2007 FOR THE FEE OF ONLY \$40.00. WE HOPE THIS WILL BE AN INCENTIVE TO ATTEND THE LUNCHEON / SEMINAR AND JOIN "THE MOST EXCELLENT CHAPTER" OF ACI FOR 15 YEARS RUNNING. WE LOOK FORWARD TO SEEING YOU THERE! ALSO, REMEMBER—FOR ALL THE ENGINEERS, 1 PDH IS ADWARDDED AT EACH MEETING.



## 2006 MEMBERSHIP APPLICATION

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Office Phone: \_\_\_\_\_

Office Fax: \_\_\_\_\_

Home Phone: \_\_\_\_\_

Email address: \_\_\_\_\_

Professional Category: (Check one)

- Architect
- Contractor
- Engineer
- Student - Name of School: \_\_\_\_\_
- Affiliate
- Other: \_\_\_\_\_

Are you an ACI International Member:      Yes                      No

If yes, date joined National: \_\_\_\_\_

If yes, Committee Membership: \_\_\_\_\_

Sponsored By: \_\_\_\_\_ Date Joined: \_\_\_\_\_

NEW MEMBER                          DUES RENEWAL   

**Annual Dues**  
**\$40.00**

Please complete application and mail with your \$40 check to :

Georgia Chapter, ACI  
100 Crescent Centre  
Parkway, Suite 665  
Tucker, GA 30084  
(770) 621-9324  
FAX: 770-621-9380



Georgia Chapter ACI  
Newsletter

Published Monthly  
January - May  
Summer Issue  
September - December

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# JULY MEETING NOTICE

Date: *Friday, July 28, 2006*

Time: *Registration 12:00 p.m. - 12:15 p.m.—Luncheon*

You May Register On-Line:  
[www.georgiachapteraci.org](http://www.georgiachapteraci.org)

Location: *Abraham Baldwin Agricultural College (ABAC)  
2802 Moore Highway  
Tifton, Georgia 31793*

Speaker: WAYNE WILSON, P.E.  
Holcim (US) Inc.

Program: ***“Understanding and Avoiding Concrete Material  
Incompatibility”***

***1 PDH Awarded***

Price: ***\$25.00 - Pre-registered  
\$10.00 - Students  
\$30.00 - Walk-ins and No-shows***

RSVP: To RSVP, please call “Sam” 770. 455.7274 or email me at  
[SammieLFM@aol.com](mailto:SammieLFM@aol.com) BEFORE 12:00 Noon on WEDNESDAY,  
July 26, 2006

Note: *If you fail to call in prior to the deadline, or you do not show for the luncheon,  
you will be charged \$30.00.*

**We're on the web!**  
[www.georgiachapteraci.org](http://www.georgiachapteraci.org)