



ACE in Atlanta

ACE Atlanta 2009-2010 Program Newsletter # 13 - February 5, 2010



ACE Atlanta thanks **Panola** for their generous Food Sponsorship of the ACE Atlanta 2009-2010 Program!



ACE Atlanta welcomes Georgia Tech!

On Wednesday, February 3, 2010, ACE Atlanta welcomed back Georgia Tech. Thank you to Dr. Babaak Ashuri, Dr. Ioannis Brilakis, Dr. Daniel Castro Lacouture, and Dr. Javier Irizarry for their exceptional presentations and class activity. We also thank Georgia Tech graduate students Masoud Gheisari, Atefe Makhmalbaf, Zhenhua Zhu and Stephanie German for all the time they spent preparing the activity materials and for their mentoring during class.

The following students signed in for the Feb 3rd class:

- Jarius A., North Springs High School
- Gabriel A., Lithonia High School
- Branniton B., Lithonia High School
- Christopher B., Lithonia High School
- Samuel B., Lithonia High School
- Sherline D., Lithonia High School
- Eddie D., Stephenson High School
- Stephen D., Lithonia High School
- Andrew H., Benjamin Mays High School
- Martin J., Stephenson High School
- Austin L., Stephenson High School
- Shane M., Benjamin Mays High School
- Marcus P., Southwest Atlanta Christian Academy
- Victor P., Hiram High School
- Darius T., Hiram High School
- Niambi T., Benjamin Mays High School
- Melvin W., Lithonia High School

Students! If you or your team would like additional time to discuss your project with mentors, please let Rachel Hendrix know.

Reminder- Field Trip Permission forms due by February 10th! You must turn in your permission form by the Wednesday, Feb 10th ACE class to participate. This is a working jobsite - you must behave properly, safely and comply with all safety rules and directives!

Announcement Section

- Next Class on Feb 10th is [Construction Management and BIM Overview](#) - Holder Construction associates will lead the February 10th ACE class.
- Your [WESTIN PEACHTREE HOTEL FIELD TRIP PERMISSION FORM IS DUE, WEDNESDAY, FEB 10th](#). You will not be able to attend the field trip if your form is not received on February 10th.

Construction Management

Thank you to Dr. Daniel Castro Lacouture and Dr. Javier Irizarry for their presentations on Construction Management and the class activity. We hope that our students remember the great field trip ACE Atlanta enjoyed on campus at Georgia Tech earlier in the program. The November 18th trip to campus was a true highlight of this year's curriculum.

We were delighted to welcome back the professors and graduate students to our ACE class. ACE Atlanta is truly thankful and proud to be able to state that

Georgia Tech professors in the Building Construction Program and the School of Civil and Environmental Engineering have embraced ACE.



Activity: "Communication in Construction Management: A Lego Building Experience"

The professors broke the group into four smaller subgroups. Each group was given the document "Communication in Construction Management: A Lego Building Experience", and a bag full of Legos and instructions. Each subgroup divided into Builder and Construction Manager teams. The construction managers were provided with a visual model of the structure. They verbally communicated the design in stages to the builders.



The following is from the document named above: "Each team will be provided a LEGO Block structure, which is divided into "activities". Each activity is found in a plastic bag containing the necessary pieces for that activity. As with many construction projects, there may be unexpected issues in material delivery and organization. Some of the bags may not have all the needed pieces. It will be part of your job as Builder to identify any missing parts and communicate this to your CM. It will be the responsibility of the CM to search for the missing pieces and deliver to the Builder in order to reduce delays to the project. It is recommended that teams use consistent naming of the LEGO pieces (for example, a red 3 by 5. That is a piece with 3 connectors wide and 5 connectors long and is red). It is also recommended that teams develop and use a consistent orientation convention (For example, North, South, East, West, or Left or Right). This will facilitate communication when referring to the location of pieces in the structure."

Mentors were very impressed by the teams who were able to establish effective communication. We appreciated their focus and tenacity when confronted by difficult situations! Congratulations to Team 4 for winning the competition!



Thank you to our Session Mentors!

ACE Atlanta would like to thank the following mentors and guests for their enthusiastic participation!

- Dr. Daniel Castro, Georgia Tech
- Dr. Javier Irizarry, Georgia Tech
- Dr. Ioannis Brilakis, Georgia Tech
- Dr. Babaak Ashuri, Georgia Tech
- Atefe Makhmalbaf, Georgia Tech
- Zhenhua Zhu, Georgia Tech
- Stephanie German, Georgia Tech
- Masoud Gheisari, Georgia Tech
- Don Casey, Skanska
- Elijah Cannon, Lithonia High School
- Rachel Hendrix, Skanska
- Linda McCoy, IBG Construction Services LLC
- Amy Norman, Holder Construction
- Theresa Smith, Skanska
- Quaye Reed, McGraw-Hill
- Winston Williams, Turner Construction

