

ACE in Atlanta

ACE Atlanta 2009-2010 Program Newsletter #3 - October 29, 2009



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

Announcement Section

- Remember to return your name badge to the boards before you leave each class! We are re-using badges! (Remember, green is key!)
- All students must be registered ONLINE at www.acementor.org.
- Bring your parent consent form to the first class you attend!

Next Class!

11/4: College Day & Safety Introduction- local colleges and universities will speak with you about their programs! GA Tech, Southern Poly, Gwinett Tech and Atlanta University Center will be here.

**** SMILE: Be ready for student photos! ****

ACE Atlanta changes our world - Landscape Architecture and Civil Engineering

ACE Atlanta is delighted to have welcomed even more students and 20 mentors to the 2009-2010 ACE Program. This third ACE class was held at Skanska on Wednesday, October 28, 2009 from 4:30 PM to 6:30 PM.

We would like to welcome the following students and thank them for their enthusiastic participation. We continue to welcome new students to the program. Please note that only students who have completed their applications online at www.acementor.org and turned in their Parent Consent forms are ACE Students.

- Jarius A., North Springs High School
- Gabriel A., Lithonia High School
- Branniton B., Lithonia High School
- Christopher B., Lithonia High School
- Charles C., Our Lady of Mercy High School
- Gerald D., Landmark High School
- Sherline D., Lithonia High School
- Eddie D., Stephenson High School
- Micah D., Landmark High School
- Stephen D., Lithonia High School
- Cornelius G., Benjamin Mays High School
- Andrew H., Benjamin Mays High School
- Curistan N., Westlake High School
- Killian O., Lithonia High School
- Kamau O., Benjamin Mays High School
- Briana P., Douglass High School
- Marcus P., Southwest Atlanta Christian Academy
- Victor P., Hiram High School
- Gary T., Lithonia High School
- Darius T., Hiram High School
- Melvin W., Lithonia High School

What happened during ACE Class #3?

ACE thanks two returning mentors for their insightful and informative presentations. Maxine Coleman of Ecos Environmental Design gave an overview of Landscape Architecture, and Brenda Johnson of Skyline Engineering & Construction gave an overview of Civil Engineering.

Presentation #1: "Landscape Architecture", Maxine Coleman, Ecos Environmental Design

Maxine Coleman is a registered landscape architect in Georgia and earned her degree from the University of Georgia. She discussed what a landscape architect does and what are the requirements to become one. Her presentation was full of



We now have 46 students signed up online - we've met 26 of them - we challenge all 46 to participate!

We had some new students join us on October 28th - please turn in your parent consent form ASAP! You'll then see your name on the list recognizing students for their participation!



Thank you to our Session Mentors!

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

- Maxine Coleman, Ecos Environmental Design
- Brenda Johnson, Skyline Engineering & Construction
- Elijah Cannon, Lithonia High School
- Don Casey, Skanska
- Curtissa Coleman, General Services Administration
- Karim Emami, Skanska
- Drew Gaskins, Gilbane
- Leon Grant, Hiram High School
- Rachel Hendrix, Skanska
- Neal Howard, Duke Realty
- Linda McCoy, IBG Construction Services LLC
- Karen McHugh, Heery
- Jimmy Mitchell, Skanska
- Amy Norman, Holder Construction
- Bodunde Omodele, Skanska
- Amber Scates, Gilbane
- Terrance Ward, New South Construction
- Winston Williams, Turner Construction
- Theresa Smith, Skanska
- Dane Wooley, Skanska

Thank you for the dedicated support of all of our mentors throughout the years.

The success of the ACE Program is due to the consistent and positive involvement of many people willing to share what inspires them about our industry - every day!



examples of local and national projects, some familiar such as the Biltmore Estates in Asheville, North Carolina, Central Park in New York City, and Piedmont Park in Atlanta. She encourages participants to think about those in our city - Cabbagetown Park and the 5th Street Bridge, Oxford of Emory, the Sam Nunn Federal Center and the landscape architecture at the Klaux Advanced Computing Building at Georgia Tech (which we'll see during the November 18th field trip to their Building Construction Program).

Presentation #2: "Civil Engineering", Brenda Johnson, Skyline Engineering & Construction

Brenda Johnson earned her degree in Civil Engineering from Purdue University and has owned her own civil engineering company. She is a Senior Project Manager with Skyline Engineering & Construction. Her comprehensive presentation gave an in-depth look into civil engineering - all the career types, the typical career path, daily job responsibilities, reasons to be a civil engineer, and reasons not to be a civil engineer! She included a list of attributes of what kinds of people become engineers - we hope that some of our students recognize some of their own talents on this list and consider civil engineering as a career path!

Brenda's presentation also included examples of local civil engineering projects including Atlantic Station which was built on a brownfield, Atlanta's famous "Spaghetti Junction" - the I-85 and I-285 Interchange, as well as international examples such as the Petronas Towers in Kuala Lumpur, Malaysia, the Brisbane Wastewater Treatment Plant in Australia, and the Akashi-Kaikyo Bridge in Japan. A particularly eye-catching example was the Falkirk Wheel, a rotating boat lift in Scotland.

Class Activity: Topographical Maps

Maxine Coleman brought in examples of topographical map- the Florida Everglades, the Grand Canyon and Stone Mountain. She then showed a two-dimensional representation of the Moreland Gateway park and then contrasted it to a three-dimensional model. Students and mentors enjoyed seeing the difference.

Thank you to our students and presenters!

Thank you to Maxine and Brenda for their exciting and entertaining presentations - we will remember all the humorous reasons not to choose Forestry as a major (being in a hut alone in Alaska) or who the famous Toms are.... Tom Cruise, Tom Brady... and Tom Moreland, P.E., designer of Spaghetti Junction! Students, thanks for all your questions!

