

# **ANNUAL REPORT**

**DEEP FOUNDATIONS INSTITUTE STUDENT  
CHAPTER AT THE CITY COLLEGE OF NEW YORK**

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## TABLE OF CONTENTS

DFI Student Chapter At CCNY .....	2
Events .....	3
1. DFI Gala .....	3
2. General Meeting.....	4
3. Field Trip to MRCE Lab .....	4
4. Field Trip to Bayonne Bridge .....	5
5. Geotechnical Guest Speaker Lecture.....	5
6. Deep Mixing 2015 .....	6
7. Joint Events.....	6
(1) CCNY civil engineering clubs..	6
(2) Engineering awareness week..	6
(3) Woman in engineering week...7	
Special Acknowledgements.....	7

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## **DFI STUDENT CHAPTER AT CCNY**

CCNY Deep Foundations Institute Student Chapter is an undergraduate student club. After becoming inactive for a year, now it is back to school starting 2014 Fall semester. The club is reinstated to enrich our knowledge and hands-on experience in soil mechanics and foundation engineering by providing guest speaker lectures, field trips, and tutor sessions for students.

### ***Highlights of 2014-2015 Year***

The first year back to CCNY was successful. DFI CCNY hosted 1 general meeting, 1 guest speaker lecture and 2 field trips. Besides, the club helped 3 joint events with other civil engineering clubs for CCNY civil engineering clubs, engineering awareness week, and woman in engineering week. Also, 2 students were able to participate in Deep Mixing 2015 with support from the club.

# EVENTS

## 1. DFI Gala

Date: 11/7/2014

Number of Participants: 8

The e-board members attended the DFI gala tonight as guests in generosity of Mr. David Coleman. Our alumnus, Mr. Lloyd Scott, an enthusiastic supporter of our club, was with us as well. For the evening's special lecture, Dr. Dan Brown talked about management risks in foundation construction and design for transportation infrastructure projects. We were grateful to hear and see DFI's limitless support in providing opportunities to students. The e-board members are excited to share the information with our members. Last but not least, congratulations to the Stanley Merjan recipients--Tal, Jon, Chen, and Min!



FIGURE 1 CCNY STUDENT PARTICIPANTS AT THE GALA



FIGURE 2 CCNY DFI EBOARD MEMBERS

## 2. General Meeting

Date: 11/11/2014

Number of Participants: 16

About 16 students came to the first general meeting. The club introduced E-board members to attendees. The main purpose of this meeting was to make general civil engineering student body more engaged in the field of foundation and geotechnical fields. A PowerPoint presentation was given to

- Encourage students about different opportunities;
- Discuss benefits of joining DFI;
- Discuss DFI Educational trust (scholarship and student events);
- Inform students about tutoring;
- Discuss field trip opportunities and information seminars about earthquake engineering.

## 3. Field Trip to MRCE Lab

Date: 03/20/2015

Number of Participants: 10

DFI trip to MRCE was a great turnout. It was definitely worth to go through the hustle of snow. It was a wonderful opportunity to learn what Geotechnical Engineering entails and to know what it is like to work at a Geotechnical firm. Special thanks to Aaron who hosted us at the company.



FIGURE 3 GROUP PHOTO AT MRCE LOBBY

#### **4. Field Trip to Bayonne Bridge**

Date: 04/17/2015

Number of Participants: 8



FIGURE 4 A SMALL GROUP OF STUDENTS PARTICIPATED IN THE VISIT OF THE BAYONNE BRIDGE IN NEW JERSEY

The visit consisted of a safety orientation followed by a presentation of the project. The group then went on the actual site visit where they got to explore the site and appreciate some of the aspect deep foundation field is about. This field trip was a great event in a way that it allowed for student to visualize and understand better some of the concept and theories learned in their courses.

#### **5. Geotechnical Guest Speaker Lecture**

Date: 04/23/2015

Number of Participants: 12

Benjamin Cate, P.E, assistant project manager, GZA GeoEnvironmental, Inc came to CCNY as a guest speaker. He talked about the paths one can take to become a geotechnical engineer, with illustrations from his personal journey to his present career.

## 6. Deep Mixing 2015

Date: 06/02/2015-06/06/2015

Number of Participants: 2



FIGURE 5 DFI STUDENTS AT THE CONFERENCE

Two students attended the 2015 Deep Mixing Conference held in San Francisco. This represented a great opportunity to learn about ground improvement through soil cement mixing. Students got a chance to learn from various researchers and renowned specialists throughout the world. It also was a fantastic networking event as several professionals and companies were represented.

## 7. Joint Events

### (1) CCNY CIVIL ENGINEERING CLUBS

Date: 02/26/2015 (afternoon)

Number of Participants: 15

All the leaders from each CE club gathered together to discuss how we could build a lasting CE community, where the department, current students, and alumni could be connected to each other. We talked about different strategies such as LinkedIn group, a monthly joint CE leadership meeting, and etc. It was a joint event with Steel Bridge, DFI, Chi Epsilon, and Concrete Canoe.

### (2) ENGINEERING AWARENESS WEEK

Date: 02/26/2015 (evening)

Number of Participants: 70+

In order to acknowledge engineering week, all the engineering clubs got together to promote their club activities and to pursue joint events in the future. Informative speeches about clubs were given.

### **(3) WOMAN IN ENGINEERING WEEK**

Date: 03/03/2015

Number of Participants: 30+

'Women in Engineering' was a great turnout. Interesting and profitable discussions followed after great questions. We wished we had more time. It was very nice to see a good variety of CE students, from freshmen to seniors, both men and women. Special thanks to our panels: Dr. Conway, Ms. Nuñez, Ms. Puzio, and Ms. Robinson. Thank you for organizing the event, Sophia! (This event was funded by ASCE, SWE, and DFI.)



FIGURE 6 PANEL DISCUSSION

### **SPECIAL ACKNOWLEDGEMENTS**

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