

Institute of Transportation Engineers
University of California, Berkeley Chapter

ANNUAL REPORT OF STUDENT CHAPTER ACTIVITIES
April 1, 2013 – March 31, 2014



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Cal ITE History and Officers

The Institute of Transportation Engineers, UC Berkeley Chapter (or Cal ITE) was founded in 2008 by five students: Gabriel Ho, Kimberly Leung, Grace Lin, Marin Odioso, and Mariana Parreiras. Since then, Cal ITE has been steadily attracting more members and connecting them with the realm of transportation engineering through field trips, guest speakers, scholarships, and social activities.

Every semester, officers are elected to lead Cal ITE's events and meetings. Occasionally, if students do not run for a position, the tasks are taken up by another officer. The President and Vice-President function as liaisons to other ITE chapters, especially the San Francisco Bay Area ITE and the Western District ITE. Cal ITE's connection with other chapters is developing, with more people attending monthly lunches and the Annual Meeting. Additionally, they work together to advertise Cal ITE's meetings, field trips, and social events through flyers, online publicity, and word-of-mouth.

The Treasurer is accountable for balancing the budget, obtaining grants, and membership fees and reimbursements. The Secretary records and monitors the agenda of the officers in addition to sending out weekly reminders to the rest of the officers. Cal ITE has been increasing its efficiency through transparency of documents and logging of meetings and activities; Cal ITE has also made strides in financial accountability by delineating the reimbursement process and sharing annual budgets among officers for transparency.

The Publicity Chair is responsible for advertising Cal ITE's meetings, field trips, and social events. The increase in flyers, online publicity, and word-of-mouth is a large contributor to Cal ITE's expanding roster. The Technical Chair provides for outside research for ITE and other sponsoring corporations.

The past two semesters have seen a decrease in the number of members who want to be officers as a result not all positions have been filled and current officers have taken on the responsibility of the remaining positions.

Cal ITE continues to be involved with a number of traffic data collection projects, with some being honorably recognized in the transportation engineering community. Each officer works together towards providing an informative meeting and connecting the careers of transportation engineers to students in the UC Berkeley campus.

Fall 2013 Officers

President: Jordan Toy
Treasurer: Nathan Chan
Secretary: Nathan Chan
Appointed Board Member: Graeme Scott

Spring 2014 Officers

President: Jordan Toy
Treasurer: Nathan Chan
Secretary: Nathan Chan
Appointed Board Member: Graeme Scott

Cal ITE Membership Trends and Statistics

Since Cal ITE requires students to sign up for membership every semester, our membership roster fluctuates. For the Fall 2013 semester we had 11 members, and for the Spring 2014 semester we have 8 members. Membership has declined from previous years due to the large amount of student members who graduated and the lack of new membership. As transportation is not largely emphasized in the undergraduate program at UC Berkeley, many attendees choose not to become members.

Although it is mandatory to pay dues for official Cal ITE membership and to participate in sponsored events, membership is not necessary to listen in and interact with guest speakers. As of Spring 2014, we have 135 people who have subscribed to our mailing list and are informed of upcoming guest speakers, events, and activities. Non-paid members who attend any general meetings will be automatically added to our mailing list as well and they can always apply for official Cal ITE membership. We encourage non-paid members to purchase membership.

The diversity of Cal ITE's membership is mainly divided into City Planning, Transportation Engineering, and other non-transportation Civil Engineering majors. Undergraduate students equal graduate students in membership; both numbers have remained constant over this year. We have tried to target undergraduates to attend meetings, especially freshmen and sophomore students. In order to accomplish this, we send representatives to freshmen introduction classes for civil engineering and other classes that freshmen and sophomore likely take and put flyers in relevant locations.

For undergraduates, the University does not have a major in Transportation Engineering. However, the graduate program does, with around 70 full-time students. However, since the graduate program has their own transportation related organization most of the students Cal ITE attracts are undergraduates. Since, most undergraduates are unsure of what field they want to pursue, they are less likely to become permanent members. For many of the general meetings during the 2013-2014 school year, many of the attendees were not regular attendees.

Cal ITE Activities and Events

Since its founding, Cal ITE has rapidly become engaged in the world of transportation engineering; ranging from guest speakers with diverse backgrounds to field trips to hands-on, real-world job experiences. Cal ITE allows students to come together and share and build their knowledge of transportation in the U.S. and around the world.

This year, Cal ITE has made strides in networking and also in building a reputable organization in UC Berkeley. This chapter has made itself known on campus and throughout the nation through its students' achievements, passion, and dedication in making Cal ITE a stepping-stone towards a career in transportation engineering. Our goal is to reach out to more and more students at Berkeley as we look to grow and maintain a strong group of individuals who look to make a difference in the transportation community. Cal ITE hopes to continue raising the standard of its organization through more communication with firms, more student-to-professional interactions, and more involvement and opportunities not only for students, but also for firms to tap into one of the most brilliant and passionate minds in the nation.

Cal ITE also wants to expand its community to not only those majoring in a transportation field, but also to those with related interests. Our attendees now include students of various majors. We hope to continue making Cal ITE an interdisciplinary organization as it best reflects the transportation field.

The following is a list of Cal ITE's activities and events from April 2013 to March 2014. By the end of this academic year, Cal ITE will have held six general meetings, two field trips, and two social events.

April

Data Collection Project:

Cal ITE conducted a data collection project exploring a TOD, the Berkeleyan, on Oxford St. and Berkeley Way. Volunteers counted the number of residents coming in and out of the apartments and what mode of transportation they would take. The results were displayed in a report and sent to the SF Bay ITE Chapter for further review.

3rd General Meeting:

The third general on April 24, 2013 saw an attendance of approximately 15 people. The guest speakers, from HDR gave a presentation regarding HDR's work with the Bay Area Express Lanes as well as HDR's work in transportation in general.

Annual Banquet:

Cal ITE and other engineering groups at Berkeley attended a banquet planned to wrap up the semester which included professionals, professors, and both graduate and undergraduate

students from our chapter. This provided an opportunity for us to look back at the many successes of the semester and to look forward at what lies ahead.

Fall 2013

September 18, 2013

1st General Meeting

The UC Berkeley ITE Student chapter hosted its first general meeting of the fall semester. Alta Planning and Design was invited to give a presentation at this meeting which included work on bike lanes and bike infrastructure as well as another portion that provided an overview of the work conducted at Alta Planning and Design. There were approximately 15 attendees to this first meeting.

October

Although we did not have any official events in October, ITE used this as an opportunity to explore other means by which we could be more involved with the UC Berkeley community. During this time the officers met with the Associated Students of the University of California to discuss their bike sharing project and ITE's potential involvement. Furthermore, officers met with a professor to discuss the possibility of a transportation competition to attract more students.

November 7, 2013

AC Transit Hydrogen Refueling Station Tour:

We were able to visit the AC Transit Hydrogen station in Emeryville and take a tour of the station and how the buses were refueled with more information about how the hydrogen buses work. Six students went on this tour and all returned with a very positive experience regarding AC Transit.

November 20, 2013

2nd General Meeting:

The second general meeting saw a healthy attendance of approximately 15 people. The guest speaker was invited from the Metropolitan Transportation Commission and gave a presentation that attracted both engineers and planners about modeling for transportation in the Bay Area for the future.

Spring 2014

February 6, 2014

1st General Meeting:

For the first general meeting of the spring semester, we invited Fehr and Peers to discuss more about their company as well as what the representatives were currently working on in preparation for the upcoming spring career fair. They provided plenty of information regarding the company and their internship program.

February 24, 2014

BART Oakland Airport Connector Tour

We were able to visit the staging office for the BART Oakland Airport Connector and take tours of the airport station and the maintenance station. Our tour started at the staging office with a presentation about the new system and continued to a site visit of the construction, including a look at the new BART cars.

March 6, 2014

2nd ITE General Meeting:

For this general meeting the SFMTA was invited to give a presentation about the structure of the SFMTA as well as an overview of the new WalkFirst program and how that would affect San Francisco in the near future. Attendance was lower at this meeting, likely due to people's unavailability during midterm season and other possible events at the same time.

Upcoming Events

We have a series of upcoming events that will take place later this semester, but have been planned to take place in April.

April

Competition:

We will continue to discuss the idea of a region wide transportation competition for spring 2015. An idea will be detailed and advertised by the end of the semester.

April

3rd General Meeting:

Also we have our third general meeting planned where we will have another guest speaker. This meeting will allow us to make any final announcements and introduce any new members who would like to join ITE.

April

Annual Banquet:

Cal ITE and other engineering groups at Berkeley have planned a banquet planned to wrap up the semester. We hope to include professionals, professors, and both graduate and undergraduate students from our chapter. This will provide an opportunity for us to look back at the many successes of the semester and to look forward at what lies ahead.

Cal ITE Official Membership Roster (Fall 2013)

Last Name	First Name	Major	Degree	Graduation Year
Adrianson	Wesley	Civil Eng.	BS	2017
Ballus Armet	Ingrid	Transpo Eng.	MS	2014
Bansal	Apaar	Civil Eng.	BS	2014
Chan	Nathan	Civil Eng.	BS	2015
Diaz de Rivera	Adrian	Civil Eng.	BS	2017
Guan	Jenna	Transpo Eng.	PhD	----
Martinez	Daniel	Civil Eng.	BS	2015
Reid	Joseph	Civil Eng.	BS	2014
Scott	Graeme	Civil Eng.	BS	2015
Toy	Jordan	Civil Eng.	BS	2014
Zhou	Ollie	Civil Eng.	BS	2014

Cal ITE Official Membership Roster (Spring 2014)

Last Name	First Name	Major	Degree	Graduation Year
Adrianson	Wesley	Civil Eng.	BS	2017
Ballus Armet	Ingrid	Transpo Eng.	MS	2014
Chan	Nathan	Civil Eng.	BS	2015
Diaz de Rivera	Adrian	Civil Eng.	BS	2017
Guan	Jenna	Transpo Eng.	PhD	----
Martinez	Daniel	Civil Eng.	BS	2015
Scott	Graeme	Civil Eng.	BS	2015
Toy	Jordan	Civil Eng.	BS	2014