



Institute of Transportation Engineers

Texas A&M University Student Chapter 2006 – 2007 Annual Report



Submitted: April 2, 2007

Texas A&M University Student Chapter Annual Report

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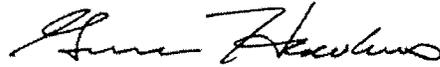
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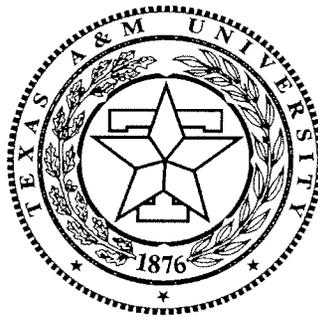


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INTRODUCTION

The Texas A&M University ITE (TAMUite) Student Chapter has had a successful history since its founding in 1962, with many Outstanding Student Chapter awards at the ITE District and even International level. However, there is always room for growth and improvement. If one becomes complacent, one becomes ineffective. Therefore, when the Student Chapter officers were elected for the 2007 calendar year, the first task was to define a vision for the Chapter. The new vision for the TAMUite Student Chapter is:

“Striving to be the Best in the Nation.”

There are two goals that define the Student Chapter’s purpose. The first goal is to provide for the professional development of the Chapter members. This goal must be kept first and foremost at all times. As such, the Chapter works diligently to supplement the academic knowledge gained in the classroom with expanded insight into the professional world of transportation engineering. By accomplishing this, the student membership will be a viable asset to the professional transportation community. The second goal is to promote the advancement of transportation at TAMU and in the Bryan-College Station area. These goals are attained through Student Chapter activities and membership services. For years, the TAMUite Student Chapter has excelled in many activities; however, the current leadership felt there were some deficiencies and set a course to correct them. New programs have been initiated, such as the SocialITE social event series, which are aimed at increasing member involvement, especially that of international and undergraduate students.

This annual report contains a summary of the TAMUite Student Chapter’s membership, activities, accomplishments, and future goals. It is strongly believed that if the members are put first and encouraged to participate, they will develop professionally, and in return, their fruits will help promote the advancement of transportation at TAMU and beyond. The future course has been set and the progress of the TAMUite Student Chapter can be seen in the pages to follow as this Chapter is

“Striving to be the Best in the Nation.”

MEMBERSHIP AND PROGRAM INFORMATION

As of April 2, 2007, the TAMUite Student Chapter has 32 active student members. All of the Student Chapter members are also student members of International ITE or have memberships pending. A complete roster of Student Chapter members can be found in the Appendix of this report. The following tables give a more detailed breakdown of the current membership.

Student Chapter Membership

Number of Student Chapter Members:	32
Number of Student Members of Institute:	32
Number of Associate (or higher) grade Members of Institute:	0
Number of Students Eligible to be Student Members of the Institute:	32
Number of Faculty Members holding Current ITE Membership:	5/6

The TAMU Student Chapter also has a very active group of student leaders. One of the philosophies of the chapter leadership is to delegate leadership responsibilities to involve more students in chapter activities and to groom future leaders of the chapter. The following table lists the chapter leaders during the past year.

Student Chapter Officers

Officer Position	Fall Semester 2006	Spring Semester 2007
President	Erin Eurek	Cameron Williams
Vice-President	Rachael Stensrud	Lindsay Liggett
Corresponding Secretary	Marshall Cheek	Yuanchang Xie
Treasurer	Erin Saucier	Srinivas Geedipally
Membership Secretary	Geoffrey Chum	Tom Hartmann
Public Relations Director	Jeremy Clark	Jeremy Clark
Chapter Librarian	Zhirui Ye	Sunil Patil
Webmaster	James Bryan	Ben Sperry
Welcoming Committee Chair	Vichika Iragavaru	Kevin Lipnicky

It is the policy of TAMUite that all students of TAMU are eligible for membership. As such, all relevant disciplines as well as all student classifications are recruited. A summary of the potential members within the TAMU Zachry Department of Civil Engineering are listed in the table below.

Information on Transportation Engineering Enrollment

Category	Fall Semester 2006	Spring Semester 2007
Number of Undergraduate Students in Civil Engineering Department:	889	784
Number of Undergraduate Students Specializing in Transportation:	18	16
Number of Graduate Students in Transportation:	34	30

STUDENT CHAPTER ACTIVITIES

The TAMUite Student Chapter participates in a variety of activities throughout the year, including meetings, professional conferences, field trips, technical projects, community service, and social events. These activities provide the primary means for members to interact with one another and other students.

Student Chapter Meetings

At general meetings of the Chapter pizza and soft drinks are provided free of charge to all attendees in a conference room on campus. Typically the first 15 minutes of the meeting are used to cover Chapter business. Then the invited speakers present for 30 to 40 minutes with 10 to 15 minutes of questioning and answering following. Twenty-five to thirty students attend each meeting with faculty and several Texas Transportation Institute researchers in attendance.

📅 April 3, 2006: General Meeting and Invited Speaker: Ms. Melanie White, C.O.M.S.,

Orientation and Mobility Specialist, Environmental Access Committee for the Association for the Education and Rehabilitation of the Blind and Visually Impaired (AER)

Ms. White gave a presentation that described the mobility challenges of pedestrians with various types of disabilities. She showed how intersections, traffic signals, and pedestrian access paths could be improved to provide greater accessibility for pedestrians with disabilities.

📅 August 2, 2006: General Meeting and Invited Speaker: Mr. Carlos Lopez, P.E., Director, TxDOT Traffic Operations Division, Austin, Texas

Mr. Lopez gave a presentation on “Safety Applications of Intelligent Transportation Systems.” Mr. Lopez’s presentation focused on his trip to Japan, France, and Germany. He showed how intelligent transportation systems (ITS), such as variable message signs and automated speed enforcement, have been implemented in these countries for improving safety. Mr. Lopez also discussed which ITS technologies could be adopted by the United States and some key issues for their successful deployment.

📅 August 31, 2006: General Meeting

The TAMUite Student Chapter held its first meeting of the fall semester as a way for current and new members to socialize. The Welcoming Committee distributed welcoming packets to new members, and each student was asked to give a brief self-introduction. **Dr. David Rosowsky**, Head of the Zachry Department of Civil Engineering, gave a short welcome address during the meeting.

📅 September 25, 2006: Joint Meeting with the Association of Student Planners (ASP). Invited Speaker: Mr. John Breeding, President, Uptown Houston Business District Association, Houston, Texas

Mr. Breeding gave a presentation on the development of the Uptown Houston Business District. The presentation covered a comprehensive introduction to the Uptown Houston Business District, traffic operations in the area, and future plans to improve traffic operations and landscaping. Mr. Breeding emphasized that improved traffic operations are very important for bolstering business in Uptown Houston and outlined a plan for improving transit operations and pedestrian facilities.

📅 October 11, 2006: Joint Meeting with the Association of Student Planners (ASP). Invited Speakers: Mr. Mike Aulick, Executive Director, CAMPO, Austin, Texas

The Capital Area Metropolitan Planning Organization (CAMPO) is facing many challenges, which include a rapid population growth, funding shortages, and gas price instability. Mr. Aulick’s presentation discussed these issues and how CAMPO will address them over the next 30 years through the extensive use of managed lanes and tolling facilities.

🏠 November 7, 2006: General Meeting and Invited Speaker: Mr. Joe Ternus, P.E., Country Engineer, Bastrop, Texas

Mr. Ternus discussed various transportation projects that he has been involved with during his extensive career as a transportation engineer. His presentation gave the students a unique perspective on projects in urban and rural settings, as well as working in both the public and private sectors. The Student Chapter also held officer elections during this meeting for the 2007 calendar year.

🏠 February 6, 2007: General Meeting and Invited Speaker: Mr. Brian L. Ray, P.E., Kittelson & Associates, Inc., Portland, Oregon

Mr. Ray gave a presentation entitled “Roundabouts: An Overview,” which covered the six types of modern roundabouts, design guidance and philosophy, safety benefits of a roundabout, and the consideration of different users in roundabout design. After the presentation, Mr. Ray led a thorough discussion with the students concerning roundabouts.

🏠 February 23, 2007: Joint Meeting with the Brazos Valley ITE Chapter. Invited Speaker: Mr. Karl Zimmerman, P.E., Texas Transportation Institute, College Station, Texas

The Brazos Valley Section of ITE invited the students to attend the BVITE general meeting. Mr. Zimmerman presented on the topic of incorporating safety into the highway design process. Nine of the 22 attendees were TAMUite Student Chapter members. This meeting provided the students with an opportunity to interact with transportation professionals.

🏠 March 6, 2007: General Meeting and Invited Speaker: Ms. Karen Roberts, P.E., URS Corporation, Austin, Texas

Ms. Roberts gave a presentation entitled “Capital MetroRail: Lakeline Station Track Design.” The presentation gave an overview of the design process and challenges faced by the project team as they finalized the design of a station along the 32.1-mile commuter rail line in Austin, Texas. During the meeting, Ms. Roberts covered the planning history of MetroRail and how the various design elements will affect the performance of the station. Mr. A.J. Widacki, P.E., and Mr. Stephen Villavaso, E.I.T, both from URS Corporation, also attended the meeting.

Professional Conferences

Student chapter members are fortunate to be able to attend TexITE and other professional conferences. Funding for these conferences is provided through chapter activities, TexITE sponsorship, and through TAMU and TTI.

Summer TexITE Meeting

In June 2006, 12 members of the TAMUite Student Chapter attended the Texas District ITE (TexITE) Summer Meeting, in College Station, Texas. Students attended presentations that were focused on a variety of transportation planning and traffic engineering issues. During the meeting, the students were able to interact with professionals and also with the other student chapters of ITE. At the business luncheon, TexITE awarded the TAMUite Student Chapter with the Outstanding Student Chapter Award, and Student Chapter President **Erin Eurek** was awarded the Outstanding Student Award for TAMU.

Transportation Research Board Annual Meeting

In January 2007, 10 members of the Student Chapter traveled to Washington, D.C. to attend the Transportation Research Board's 86th Annual Meeting. During the week, students attended various sessions on transportation-related topics while also taking part in both the poster sessions and the exhibits. During the meeting, the students also had the opportunity to attend the Texas Transportation Institute Reception and the Matson Distinguished Speaker Luncheon. While at both of these events, students were able to interact with transportation professionals from all over the world. Additionally, the students were present at the Sixth Annual ITE Student Member Reception, which provided the Student Chapter Members with an opportunity to network with fellow student members and ITE leadership.

Winter TexITE Meeting

In February 2007, 16 students represented the TAMUite Student Chapter at the TexITE Winter Meeting in Houston, Texas. During this event, **Jeremy Clark, Tom Hartmann, Lindsay Liggett, Rachael Stensrud,** and **Cameron Williams** attended the Younger Member Committee meeting and assisted in the development of plans for promoting more involvement of the younger members in ITE. Many of the students browsed the exhibits, and all of the students attended the Cajun-themed Friday night social event. Additionally, one of the student chapter members, **Ben Sperry**, represented Texas A&M University with a presentation on internal trip capture at mixed-use developments. The TAMUite Student

Chapter was also responsible for collecting student resumes from all of the Texas District student chapters prior to the meeting and compiling them into a resume CD. As a result of the CD, several of the Student Chapter members have been contacted by various professionals about future employment.

Field Trips

Texas Department of Transportation, Bryan, Texas

On October 27, 2006, several Student Chapter members attended a field trip to the Bryan District Offices of the Texas Department of Transportation (TxDOT). During the trip, several brief presentations were made by various key TxDOT Bryan District staff, and the students also toured the District's offices, sign shop, signal shop, and materials lab.

George Bush Intercontinental Airport, Houston, Texas

On March 30, 2007, 12 Student Chapter members attended a field trip to the George Bush Intercontinental Airport in Houston. Dr. Kent McLemore, Assistant Director for Planning, gave a presentation over the Bush Intercontinental Airport Master Plan. Additionally, Mr. Jeff Kelly, Airport Business Development Manager, led the student members on a tour around various sections of the airfield. While on the airfield tour, students saw several different jet engines and had the opportunity to board one of the aircraft. Also, the Student Chapter was invited to the 13th Annual Crawfish Boil that was hosted by Volume Millwork, a company located in Houston that makes ticket counters and other millwork for airlines all over the country.

Technical Projects

To fulfill the goals of providing for the professional development and education of its members, the TAMUite Student Chapter actively seeks out opportunities to provide technical services to the University and community. Recently, in response to a March 2007 RFP issued to student chapters by International ITE, the TAMUite Student Chapter submitted a proposal to collect trip and parking generation data for a copy and print retail store located near campus. While the status of the submitted proposal is not known at this time, the Student Chapter will continue to make the technical expertise of its members available as both a service of and a source of revenue for the Student Chapter.

Community Service

Community service projects undertaken by the TAMUite Student Chapter act to unify the membership, while also contributing to the betterment of the community and emphasizing to the Chapter members the importance of community service and giving back.

Adopt-A-Highway

Recognizing the desire for litter-free highways, the Student Chapter participates in the Adopt-a-Highway litter cleanup program. For the past six years, the Student Chapter has conducted two trash cleanups each semester along a 2-mile section of FM 1687 in eastern Brazos County, which is well-traveled because of its access to Lake Bryan, a popular recreational area within this region. Litter cleanup events were held on April 8, 2006, September 16, 2006, October 21, 2006, February 10, 2007, and March 31, 2007. The Student Chapter has taken measures to increase the amount of member participation in Adopt-a-Highway by increasing publicity, expanding the post-cleanup social activities, and recognizing members who participate in the cleanup. As a result of these efforts, the number of Chapter members participating in Adopt-a-Highway has more than doubled in the last year.

Galloway Golf Tournament

In October 2006, the Student Chapter aided with the Galloway Golf Tournament, a Texas Transportation Institute function put on in conjunction with the 80th Annual TxDOT Short Course, held at TAMU. Chapter members participated in the setup and registration for the golf tournament. Additionally, several members took advantage of the free student admission to take part in the Short Course presentations and activities.

Aggieland Saturday

In February 2007, seven students participated in “Aggieland Saturday” as part of an engineering recruitment weekend for prospective students. Student Chapter members provided information at resource booths about civil engineering and each of its disciplines, including transportation engineering. Volunteers also served as guides for tours of the Department’s facilities for the prospective students and helped during the setup and cleanup for this event.

The Big Event

In March 2007, 12 students participated in The Big Event, the annual campus-wide day of community service sponsored by the University. The TAMUite Student Chapter partnered with the American Society of Civil Engineers (ASCE) Student Chapter to complete three different projects for different residents within the Bryan-College Station area. Students had a great time socializing with the ASCE Student Chapter while also working in the yard, painting, and performing various indoor chores.

Social Events

The TAMUite Student Chapter recognizes the importance of supporting fellowship and common interests among members. Social activities are incorporated after the Adopt-a-Highway cleanup sessions, and the Student Chapter hosts study breaks during the week of final exams at the end of each semester. Chapter members also attend the numerous social events as a part of TexITE meetings and other conferences. When the Student Chapter officers set out to plan the social activities for the spring 2007 semester, they developed a theme for all the semester's events known as SocialITE. The first SocialITE event was held in February and included a pot-luck dinner and game night that was hosted at the home of Chapter Welcoming Committee Chair **Kevin Lipnicky**. The evening's activities incorporated foods and games from the variety of cultures represented within the Student Chapter. The second SocialITE event of the semester took place after The Big Event community service project was completed. Members from both TAMUite and ASCE met at a local park to have a cookout and socialize. After lunch, the students then moved to a large open area where Chapter members **Sriram Banda** and **Sunil Patil** taught the group how to play cricket. Both the cookout and the cricket match were enjoyed by all, and it was agreed that the successful event should be undertaken again in the future.

CHAPTER MEMBERSHIP SERVICES

The TAMUite Student Chapter believes the chapter has an obligation to offer more than meetings and activities to its members. Accordingly, the chapter also provides several services to help the undergraduate and graduate student members with a variety of technical, academic, extracurricular, and social and administrative needs.

TAMUite Student Chapter Library

The TAMUite Student Chapter Library contains many useful resources, aiding Chapter members in coursework and research projects. The library holds over 2,000 references and receives an average of two new documents each week through donation. Publications include *ITE Journal*, *Transportation Research Record*, NCHRP and TCRP research reports, textbooks, and numerous other transportation-related references. These resources are predominately gifts from University professors and transportation professionals of the Texas Transportation Institute (TTI). The library also occasionally receives donations from former students. In spring 2007, the library was gifted a copy of the AASHTO “Green Book” from **Glenn Anderson**, a recent graduate and very active TAMUite Student Chapter member. **Sunil Patil**, the Student Chapter Librarian, is responsible for managing the library and is also in the process of reorganizing the library to accommodate materials donated over the past year.

ITE Student Chapter Website

The TAMUite Student Chapter maintains a presence on the World Wide Web through its website (<http://ite.tamu.edu>). The goal of the website is to provide relevant and timely information about the Student Chapter and its activities to Chapter members and other website visitors. The Student Chapter website provides information about joining the Student Chapter, a current membership roster, an officer list with contact information, and a copy of the Chapter Constitution. One popular feature of the Student Chapter website is the resume posting service. Students can submit their resumes to be posted on the site for employers to browse, and as a result, many students have been contacted by potential employers. Information about job openings that are passed to the ITE Student Chapter by former students, transportation professionals, and instructors are also posted on the site. The online photo gallery was recently updated to include pictures from the various spring 2007 Student Chapter events. **Ben Sperry** was appointed webmaster in December 2006, replacing **James Bryan** at the position. The webmaster is responsible for updating and maintaining the website, as well as taking photos at Student Chapter events. Special features, such as photo contests and polls, are incorporated into the website on a regular basis.

Welcoming Committee

The purpose of the Welcoming Committee is to work with the Membership Secretary and other officers to recruit new undergraduate and graduate students to become members of the TAMUite Student

Chapter, welcome them at meetings, and help answer any questions that prospective members might have about TAMUite. The current Welcoming Committee chair **Kevin Lipnicky** replaced **Vichika Iragavarpu**, the former Welcoming Committee chair, in December 2006. The Welcoming Committee is also responsible for the compiling and distribution of welcome packets to all incoming transportation graduate students. The welcome packets contain information about the location of graduate computer labs and other campus resources, as well as information about the Bryan-College Station area such as restaurants and recreational facilities.

University Relations

One of the many components to a successful student organization is the level of interaction between the organization and other University entities. There are various members within the TAMUite Student Chapter that take part in this process. The President **Cameron Williams** works directly with the Texas A&M University Student Activities Department to maintain the Student Chapter charter and keep up-to-date on the opportunities and benefits associated with being recognized as a student organization. Additionally, the Chapter President represents the Student Chapter at the Civil Engineering Student Advisory Council (CESAC). This Council is made up of officers, typically student chapter presidents, from other student organizations in the Zachry Department of Civil Engineering. The Council meets directly with the Department Head, **Dr. David Rosowsky**, and discusses key concerns related to the civil engineering student body.

Other officers that are instrumental to University relations are Vice President **Lindsay Liggett**, Treasurer **Srinivas Geedipally**, and Public Relations Director **Jeremy Clark**. The Vice President not only fills in for the President in his/her absence, but he/she also plans each Chapter-sponsored trip within the University-mandated policies and restrictions. Also, because student organizations are required to house their chapter funds in the University's financial department, the Treasurer must work diligently to stay current on all University financial requirements. The Public Relations Director works with other student organizations to schedule community service activities and joint social and informational events. By maintaining clear, open communication with the University and other student organizations, the Student Chapter will continue to improve upon itself and benefit the University in the process. This year, a greater effort has been made to increase member participation in University and community events

through recognition, reward, and enticement. Chapter members who volunteer for individual activities are recognized both through e-mail announcements and at the monthly meetings. Furthermore, an “Outstanding Member” award was created based on overall participation in Student Chapter meetings, community service, socials, and other Chapter events. A plaque has been purchased and placed in the Student Chapter library to be updated with each semester’s outstanding member. By making the activities more enjoyable and rewarding members for their involvement, member participation has more than doubled from similar activities that occurred last year.

Another tool that the TAMUite Student Chapter uses to increase visibility is merchandise. By creating apparel that members want to wear, Chapter publicity is accomplished by everyone. During the summer of 2006, members voted on a new t-shirt design. The popularity of the shirts among Chapter members prompted their marketing to former students and other transportation engineers throughout Texas. Announcements were sent out to each of the Texas District ITE sections and to all of the offices of the Texas Transportation Institute. In addition to the income received from sales, the shirts have helped the Student Chapter extend its area of influence well beyond the Texas A&M University campus.

STUDENT CHAPTER FUTURE OBJECTIVES

The Student Chapter has established objectives that support the goals of the Chapter, which will ultimately help fulfill the vision that has been set. First, to build upon the purpose of providing for the professional development of the Chapter members, the TAMUite wants to continue to bring in high-quality technical speakers. Additionally, the Chapter plans to include presentations that discuss “soft” skills such as how to be an effective public speaker.

Second, the TAMUite Student Chapter library is an excellent resource for the members. The Student Chapter wants to improve upon this resource by creating an electronic database that members can easily search to determine whether or not the article they are tracking down is held by the library. Also, the Student Chapter plans to expand upon the new student Welcoming Packet that is currently produced by the Welcoming Committee. By enhancing the packet, new students will have a quality reference to help ease their transition to Texas A&M University and the surrounding community. Another objective is to

improve the interface of the very popular resume CD by incorporating a web browser-style navigation page that companies will be able to use to quickly and easily search the resume database. For the website one long-range goal that is being investigated is the addition of a transportation engineering “blog” where website visitors can discuss transportation-related topics and issues. These objectives will help increase services to Chapter members.

The final, as well as the most important, objective is to increase Student Chapter member involvement in activities with an emphasis on international and undergraduate members. Increasing participation from these groups will create a healthier, stronger, and more beneficial Student Chapter. Through the SocialITE series and strong enthusiasm from the officers, the Chapter has already seen an increase in member involvement, particularly the involvement of international students. To increase undergraduate involvement, the Student Chapter will investigate moving the general meetings from lunchtime to the evening, as it was found that many undergraduate students that were interested have classes that conflict with the lunchtime meetings. It is the hope that once these new students begin attending meetings that they will get involved with the various Chapter activities.

ACKNOWLEDGEMENTS

The TAMUite Student Chapter is very thankful for all of the support that it has received through the TAMU Zachry Department of Civil Engineering, the Texas Transportation Institute, the Brazos Valley Chapter of ITE, the Texas District of ITE, ITE International, and the professional and the academic communities. At one time or another, each of these entities has provided technical speakers, professional guidance, and financial support. The Chapter is also grateful for the support and guidance of its current faculty advisor, Dr. Gene Hawkins, and the former advisor Dr. Yunlong Zhang who stepped down in February 2007. It would be impossible to prepare the Chapter members for a professional career in transportation engineering if it were not for the assistance of these organizations and people. With their sustained help the Chapter will continue to grow and will be an essential part of developing young transportation professionals for years to come.

Appendix

ROSTER OF STUDENT CHAPTER MEMBERS

Last Name	First Name	Degree	Expected Graduation Date
Banda	Sriram	MS-CE	Aug-08
Chum	Geoffrey	MS-CE	May-07
Clark	Jerremy	MS-CE	May-07
Deballion	Chris	ME-CE	May-07
Geedipally	Srinivas	PhD-CE	Aug-09
Hartmann	Tom	MS-CE	Dec-07
Howson	Andrea	MS-GEOL	May-08
Howson	Jonathan	PhD-CE	TBA
Iragavarapu	Vichika	MS-CE	Aug-07
Lee	Jae Su	PhD-UP	Aug-09
Lee	Sunghoon	MS-CE	May-07
Liggett	Lindsay	MS-CE	May-08
Lipnicky	Kevin	MS-CE	Dec-07
Mahlawat	Maneesh	MS-CE	Aug-07
Mokkapati	Naveen	MS-CE	May-07
Pandit	Devanshukumar	PhD-CE	May-09
Park	Byung-Jung	PhD-CE	Aug-09
Patil	Sunil	PhD-CE	Aug-08
Rae	Rob	MUP	May-08
Ramani	Tara	MS-CE	May-08
Ramirez	Sofia	BS-CE	May-10
Reddy	Giridhav	MS-CE	Aug-07
Sahagian	Tanya	BS-CE	May-07
Sperry	Ben	MS-CE	Dec-07
Stensrud	Rachael	MS-CE	Dec-08
Tong	Jiaxin	ME-CE	Aug-07
Waltman	Melanie	BS-CE	May-07
Warrier	Nitin	MUP	May-08
Williams	Cameron	MS-CE	Dec-07
Xie	Yuanchang	PhD-CE	Dec-07
Ye	Zhirui	PhD-CE	May-07
Ye	Fan	PhD-CE	Dec-10