



Institute of Transportation Engineers

A Community of Transportation Professionals



Faculty Advisor Manual

Your Source for Expertise, Knowledge and Ideas



Institute of Transportation Engineers

Student Chapter Faculty Advisor Manual

December 2011

Institute of Transportation Engineers
1627 Eye Street, NW, Suite 600
Washington, DC 20006 USA
Telephone: +1 202-785-0060
Fax: +1 202-785-0609
ITE on the Web: <http://www.ite.org>

ITE Student Chapter Advisor Manual Table of Contents

INTRODUCTION

| | | |
|-------------|--|-----------|
| I. | FACULTY ADVISOR ROLE AND REPONSIBILITIES..... | 1 |
| | • Supporting Resources..... | 2 |
| II. | STUDENT CHAPTER GOVERNANCE..... | 5 |
| | • Forming a New Chapter..... | 5 |
| | • The Election Process..... | 5 |
| | • Working with Student Officers..... | 6 |
| III. | STUDENT CHAPTER PROMOTION..... | 7 |
| | • Member Guidelines..... | 7 |
| | • Membership Recruitment..... | 7 |
| | • Member Involvement..... | 8 |
| IV. | STUDENT CHAPTER PLANNING..... | 10 |
| | • Annual Activities Planning..... | 10 |
| | • Fundraising..... | 10 |
| | • Annual Student Chapter Report..... | 11 |
| V. | STUDENT CHAPTER ACTIVITIES..... | 12 |
| | • Technical Activities..... | 12 |
| | • Public Service..... | 13 |
| | • Social Events..... | 14 |
| VI. | PROFESSIONAL INVOLVEMENT..... | 15 |
| | • Transportation Job Placement..... | 15 |
| | • Meeting/Conference Attendance..... | 15 |
| VII. | RECOGNITION OPPORTUNITIES..... | 16 |

INTRODUCTION

At educational institutions nationwide, engineering enrollment is decreasing while the demand for skilled transportation engineers is increasing. The role of transportation educators in promoting the transportation engineering profession has never been more critical. Transportation educators can be a valuable conduit, given their unique position in both providing information to and receiving feedback from students. These educators are able to interface more frequently, often daily, with students more frequently, often on a daily basis. Over time there develops a trusting and respectful relationship. Advice or guidance from a trusted and respected educator has a much greater influence than the advice provided by an infrequent professional.

An ITE Student Chapter provides a mechanism for transportation engineering promotion. The purpose of a Student Chapter is to promote the advancement of transportation and traffic engineering by fostering the close association of students with industry professionals and the Institute; to acquaint students with topics of interest in transportation and traffic engineering through the medium of competent speakers and of Chapter-sponsored trips; to foster the development of professional spirit: to promote common interests among students and to encourage the enhancement and optimization of facilities for transportation and traffic engineering study. Although the programs and activities of each Student Chapter vary greatly, the goal of introducing students to the transportation profession and supplementing their classroom and laboratory experiences must be maintained.

This manual is intended to be a procedural guide for student chapter advisors to assist in the development and management of Student Chapter activities. ITE District Directors and the International Headquarters staff are available to assist in any matters relating to Student Chapter operations.

ITE Headquarters Contacts:

Membership Benefits/Dues

Jennifer Childs, Membership Associate – Data Services

jchilds@ite.org

Website

Zach Pleasant, Information Services Manager

zpleasant@ite.org

e-Library Address

www.ite.org/students/index.asp

Student Chapter Operations and Activities

Christina Garneski, Marketing and Membership Services Senior Director

cgarneski@ite.org

General Inquiries

Sallie Dollins, Customer Relations

sdollins@ite.org

I. FACULTY ADVISOR ROLE AND RESPONSIBILITIES

The Student Chapter Faculty Advisor supports Chapter growth and development, adds to the continuity of the Chapter by ensuring successful transition of successive leadership, provides a liaison between the Chapter, the District and ITE International Headquarters and promotes the professional and academic welfare of ITE Student Chapter members.

The Student Chapter Faculty Advisor must be a member of International ITE, in good standing, and must be willing to actively participate (i.e., commit time and priority to) in this role. At a minimum, you should be willing to perform the following tasks as Student Chapter Faculty Advisor:

- Sufficiently familiarize yourself with the resources available through ITE to be able to direct students to these resources. Learn not only where information can be found, but also where you can publicize information about your institution's accomplishments.
- Actively recruit quality leaders at both the undergraduate and graduate levels. Student leaders often distinguish themselves in traditional academic environments; approach these students and encourage them to get involved with ITE. One benefit to undergraduate involvement is that students typically remain involved in leadership activities for more than one year and assume greater responsibilities, lending continuity to the Chapter's program.
- Set up a group email that includes yourself and the student officers so that all leaders are well informed of activities, progress and any issues that may arise. Even though many of the discussions may not require your direct input, this is a relatively simple way of staying informed.
- Support member recruitment activities. At the start of every quarter or semester, allow Student Chapter officers to make promotional announcements in your classroom and other transportation-related classes to encourage ITE membership. Echo the students' message with your own enthusiasm and experiences with the organization.
- Assist with on-site technical presentations by suggesting possible topics and contacts, the students can pursue.
- Support students' participation in technical projects by offering to provide technical oversight as needed.
- Help the students identify sources of in-house institutional support for activities. When appropriate, you may be the better person to request the funding assistance.
- As appropriate, co-author presentations or publications for ITE forums with student members. These may include reports of preliminary findings of a sponsored project, or results of a non-sponsored project.
- Actively support the outstanding efforts of your student officers and members. Usually requiring a simple letter of nomination, the recognition of an individual student, a group of students or the chapter benefits not only them but promotes your institution positively as well.

- Submit highlights of your chapter’s activities and achievement for the monthly Student News section of the ITE e-Newsletter to membership@ite.org.

Supporting Resources

A number of resources are available to assist you in serving as Student Chapter Faculty Advisor. Many of these resources are also intended for use by Student Chapter officers to encourage a full, professional, and balanced program of activities.

- [*ITE Best Practices for Running a Student Chapter*](#). Accessible from the International ITE Web site, the *Best Practices for Running a Student Chapter* document is a compilation of the most successful ideas and activities related to Chapter organization, promotion, technical activities, public service, social events, professional involvement and fundraising from ITE Student Chapters across the nation. This document can be used to: (1) guide the development of a new Chapter, (2) increase the overall activity level of an existing Chapter or (3) strengthen a specific area of an active Chapter that has historically been weak.
- [*ITE Student Chapter Manual*](#). Accessible from the International ITE Web site, the *Student Chapter Manual* provides additional information regarding Student Chapter organization, membership, activities and awards.
- *Design your Future Video*. In 2001, the Florida International University ITE Student Chapter created the *Design your Future* video to introduce transportation engineering as a career option. Serving as an excellent recruitment tool, this video can be shown during introductory Student Chapter meetings or in the transportation-related classes each quarter or semester.
- [*ITE Students Web page*](#). The *ITE Students Web page* provides a number of online resources to support Chapter operations and achievement:

Student Membership Information

- Benefits and Services/New Student Member Application
- Online Application
- Request for Membership Dues Reduction Form
- ITE Student Chapters(by District)

Student Programs

- ITE Awards
- Scholarships
- ITE Collegiate Traffic Bowl
- ITE Annual Meeting and Exhibit

Student Chapter Resources

- Establishing an ITE Student Chapter
- Canon of Ethics
- Student Chapter Advisor Manual

- Manual de Capítulos Estudiantiles de ITE Sample Documents
- Best Practices
- Transportation Outreach and Recruitment Resources

More student chapter resources including the ITE logo, flyer and poster templates and more can be obtained by e-mailing membership@ite.org.

II. STUDENT CHAPTER GOVERNANCE

Well-established guidelines and expectations exist related to ITE Student Chapter organization. In particular, minimum requirements and recommended practices direct the formation of a new Chapter, the Chapter leadership structure, and the officer election process. While still meeting the minimum expectations in each of these areas, many Student Chapters have successfully modified or supplemented these processes by including additional non-traditional leadership positions or undertaking non-traditional approaches to the election process.

Forming a New Chapter

The [ITE Student Chapter Manual](#) provides general guidelines for establishing a new ITE Student Chapter. In brief, institutions wishing to form a Chapter must provide: (1) a description of the transportation program at their university, (2) a roster of at least five students, currently serving as members of ITE International, who are petitioning to found the Chapter, (3) a copy of adopted [Student Chapter Bylaws](#) (4) a copy of the proposed [Student Chapter Charter](#) and (5) concurrence from a faculty member who is willing to serve as Faculty Advisor, who is also a member in good standing of ITE.

Advisor Role:

- Direct students to the appropriate ITE resources and facilitate completion of all the necessary steps to establish a new Student Chapter. These resources include: Guidelines for Establishing an ITE Student Chapter, Sample Charters and Bylaws to assist students in developing their own documents, as well as appropriate staff at local Districts and International Headquarters to obtain mandatory information, approval, etc.
- Be available to respond to any questions students may have throughout the development process and be prepared to review and approve the final Student Chapter establishment proposal package prior to submittal.

The Election Process

The [ITE Student Chapter Manual](#) describes the traditional Student Chapter leadership positions and responsibilities. As detailed in the [Best Practices for Running a Student Chapter](#) document, a number of Student Chapters across the nation have created supplemental leadership positions beyond the traditional President, Vice President, Secretary and Treasurer. These nontraditional leadership positions are beneficial because they: (1) allow Student Chapters to maintain a high level of activity without unduly burdening the traditional four student officer roles and (2) more actively involve additional members of the Chapter, providing ownership over some aspect of Chapter activities. This expanded leadership structure requires a greater level of coordination and consensus-building among the leadership to ensure common Chapter goals and direction.

| TRADITIONAL POSITIONS | |
|-----------------------|---|
| President | Establishes and maintains contact with Faculty Advisor, chairs business and general meetings, ensures active internal and external communications, involves Chapter in community life, plans and organizes membership drives, enforces Chapter's Charter and Bylaws, supervises Chapter |

| | |
|--------------------------------------|--|
| | activities and committees, names any committees and appoints chairs. |
| Vice President | Chairs any program and membership committees, organizes field trips or special events, oversees publicity and monitors committee progress. |
| Secretary | Maintains Chapter records, maintains and updates Chapter library, submits articles to <i>ITE Journal</i> , prepares Annual Report and conducts Chapter correspondence. |
| Treasurer | Collects Chapter dues, discharges financial obligations incurred by the Chapter, keeps financial records, maintains current list of members and their status and prepares financial statement annually. |
| NON-TRADITIONAL POSITIONS | |
| Public/University Relations Director | Stays informed of University and non-University events that the Chapter may participate in and if interested, coordinates that participation. |
| Membership Director | Recruits new members, renews existing memberships, collects dues, maintains Chapter membership databases and works with International ITE Membership Services to enroll student members in the International organization. |
| Social Director | Plans and coordinates all aspects of Chapter social events (i.e., Chapter lunches or dinners, holiday parties, fielding a sports team). |
| Photographer | Documents Chapter activities and events, compiles a photo album of ITE activities that can be passed around or made available at recruitment events. |
| Webmaster | Updates the leadership contacts each year, updates weekly or monthly postings. |

Elections for both traditional and nontraditional leadership positions are typically held in the fall for the current academic year, or in the spring for the subsequent academic year. Historically, the voting process has been conducted in-person as part of a general membership meeting. Some universities have begun conducting their leadership elections through email, greatly increasing the number of members participating in the voting process. Newly elected Student Chapter Officers are required to provide their contact information and elected position (i.e., President, Secretary) to International ITE Headquarters.

Advisor Role:

- Take an active approach in recruiting qualified candidates to compete for ITE student leadership positions.
- Refer to the ITE Student Chapter Manual to ensure that the election process is carried out correctly.
- Ensure that all contact information for the newly elected officers is sent to ITE International Headquarters.

Working with Student Officers

Regular communication and interaction with the Student Chapter Officers is important to demonstrate your interest in the Chapter's success. Depending on the activity level, the frequency of Student Officer meetings may be weekly or monthly.

For regular events, such as Chapter meetings or on-site technical presentations meet with your Officers in advance to go over the agenda and the topics to be discussed. If you cannot attend the meetings, at least meet with the Chapter President afterwards to be briefed on what transpired. For activities that require more significant planning and preparation, monitor current progress and assign next steps during each regular Officer meeting. In all cases, be open to suggestions from your Officers to give them ownership of the activities they are undertaking.

III. STUDENT CHAPTER PROMOTION

Student Chapter promotion involves efforts to recruit new members (membership eligibility and continuation requirements are described below) and mechanisms to involve existing members.

Membership Guidelines

Eligibility and conditions for student membership are fully defined in the [ITE Student Chapter Manual](#) and briefly described below.

Eligibility and Admission of Students

- Membership in ITE is complimentary for undergraduate students and \$30 per year for full time graduate students.
- Dues must accompany the application at ALL times. Applications with payment received on July 1st or later will be considered paid through December 31st of the following year.
- Graduate students, who have a graduate or undergraduate degree in a transportation-related field from an accredited school and more than one year of work experience, applying and paying for new ITE student membership, will be admitted directly to Member status.

A subscription to *ITE Journal* will become effective upon acceptance of the applicant.

Continuation of Student Membership

Annual dues bills are sent near the close of each calendar year to all members of ITE. A student is eligible to continue his or her student membership for the next calendar year if, after December 31st, the individual:

- (1) will continue to be enrolled as a full-time student in a transportation or traffic engineering, planning, or intelligent transportation systems engineering program of recognized standing;
- (2) will be a member of an ITE Student Chapter at his or her school (if a Chapter exists); and
- (3) is not eligible for another grade of membership in ITE.

The Student Chapter Faculty Advisor must determine whether these conditions for continuation are met. In the event there is no Student Chapter, the certification must be approved by the Head of the Department offering the transportation or traffic engineering program of study.

Any student who is a university graduate is eligible for another grade of membership in ITE and should apply for the appropriate grade. **Note:** It is important to ITE and to the professional development of the student member that he or she applies to become a Member as soon as he or she is eligible to do so. The Student Chapter Faculty Advisor (or Department Head) is expected to be aware of the employment records accrued by his or her student members.

Advisor Role:

- Familiarize yourself with the membership guidelines and ensure that eligibility requirements are met.
- Encourage graduating students to upgrade their membership grade with ITE to Member status, upon graduation.

Member Recruitment

Member recruitment for Student Chapters should focus on *both* undergraduate and graduate students. Oftentimes, involving undergraduate students in the ITE Student Chapter leads to the pursuit of graduate school, transportation-related internships and Chapter leadership positions.

The presence of an active American Society of Civil Engineers (ASCE) Student Chapter should not preclude undergraduate or graduate student recruitment; many students are members of both ASCE and ITE. Each organization offers minimal student membership dues and enough unique activities that dually benefit students. Joint activities between both student groups, including participation in pre-college recruitment activities or hosting technical presentations of common interest, encourage a cooperative, rather than competitive, relationship.

Traditional promotion activities include announcements in transportation-related classes, posted or distributed informational fliers and informal one-on-one discussions with students, each describing ITE activities. In addition, participation in University recruitment events such as annual career fairs, engineering open houses or new student orientation activities provide a broad audience for Student Chapter member recruitment. These traditional means are still effective and should be integrated into any Student Chapter member recruitment effort. The *Design Your Future* video, available from ITE Headquarters, can be utilized in the classroom or at recruitment events to introduce transportation engineering as a career option.

Advisor Role:

- Encourage Student Officers to set membership recruitment goals.
- Allow Student Officers to promote ITE in the classroom, particularly in the introductory transportation courses. Also urge your colleagues within the department to do the same.
- Reiterate the benefits of joining ITE. An endorsement from a faculty member is often influential in a student's decision to get involved.

Member Involvement

It is important to integrate new ITE student members into the overall Student Chapter membership (i.e., add them to mailing lists, invite them to upcoming events, etc.) so that they immediately recognize the benefits of joining.

Traditionally, Student Chapter members are notified of upcoming activities, events and opportunities through postings on a Chapter bulletin board or through periodic hard copy newsletter publications at the Chapter, Department, and College/University level. Many Student Chapters use electronic means to communicate with and motivate their membership. Listservs,

newsletters, social networking sites (i.e. Facebook and MySpace) and other Web sites have replaced hardcopy mediums. Electronic mail (i.e., email) and listservs can alert or remind members of upcoming activities, events or opportunities or facilitate discussion forums for transportation-related topics.

Adequate notification of events and activities does not always result in high levels of Student Chapter member participation. A more assertive approach is to make participation in a particularly desirable event (i.e., attending the *Transportation Research Board's Annual Meeting* or participating in an out-of-state field trip) dependent upon member attendance and participation throughout the year. For example, a student member that attended each technical presentation and volunteered for *Adopt-A-Highway* would be selected to participate in the out-of-state field trip over a student member that had not participated in any other events. The Student Chapter Secretary is responsible for tracking member attendance and participation.

Advisor Role:

- Encourage frequent communication between Student Officers and general membership.
- Encourage the use of assertive member participation models by Student Officers.

IV. STUDENT CHAPTER PLANNING

Annual Activities Planning

Planning a meeting program for the academic year should begin immediately following the election of new Officers, regardless of whether programs for the year or just the first two or three meetings of the forthcoming academic year are to be arranged. Student Officers that remain on campus during the summer (June to September) can utilize this time to plan upcoming activities for the fall semester.

Advisor Role:

- Encourage Student Officers to set activity goals for the coming year. Officers can review the [*Best Practices for Running a Student Chapter*](#) document for activity ideas.
- Encourage Student Officers to select from a wide-range of activity types (i.e., technical activities, public service, social events) to meet the diverse interests of the general membership.

Fundraising

Fundraising is an integral part of any Student Chapter’s level of activity and subsequent success. As such, it requires focused attention early in the academic year and careful monitoring throughout the year. Sources of funding generally include the following:

| FUNDING | |
|----------------------------------|--|
| Member Dues | Typically \$20 or less - can generate significant funds to support annual activities. |
| University Support | University-level governance councils may provide annual funds to student organization. Departments or Colleges may offer annual or one-time monetary support for a particular activity or event. |
| ITE Support | Chapters, Sections and Districts of ITE may offer scholarships, awards, or student travel support. |
| General Donations | Professional community may offer general support by donating funds or resources (i.e., frequent flyer miles, refreshments) if made aware of what the needs are. |
| Merchandise Sales | Sodas, doughnuts, t-shirts, sweatshirts, hats, glasses, calendars and more; permission to use university and/or the ITE logo is required; contact the Vendor/ Exhibitor registration coordinator to request booth space (free-of- charge) at Chapter, Section, District or International ITE meetings. |
| Fundraising Events | Golf tournaments, garage sales, etc.; golf courses may offer significant green fee discounts; golf equipment manufacturers, local restaurants, businesses may donate prizes. |
| Technical Activities or Services | Perform project data collection or analysis activities in exchange for a monetary donation or help with conference logistics and activities in exchange for travel or conference registration expenses. |
| Endowments | Allows annual funds to be made available through interest earnings on capital funds; to initiate an endowment fund, concurrence from your CE Department is required. |
| | |

Advisor Role:

- Encourage Student Officers to plan fundraising activities concurrently with the program they have planned for the year. Student Officers can review the *Best Practices for Running a Student Chapter* document for fundraising ideas.
- Pursue Department or College funding sources, including the establishment of an endowment fund if desired, on behalf of the Student Officers.
- Direct Student Officers to potential ITE and professional community resources.
- Confirm that proposed merchandise sales are appropriate (i.e., no offensive t-shirt logos) and that appropriate permission has been granted for logo use. Contact the ITE Communications and Marketing Division for ITE logo use permission.
- Urge your professional colleagues to contribute matching donations.

Annual Student Chapter Report

Each Student Chapter must submit an Annual Report to their respective District Board and ITE Headquarters by March 1st, per *Section 5.4, [Student Chapter Charter](#)*. The report is to include a summary of the Chapter's activities for the previous 12 months and a roster of the Chapter's active membership. The [ITE Students webpage](#) provides the [Annual Report form](#).

The importance of the Student Chapter Annual Report cannot be overstated. Submission of this report allows ITE, at the District and International level, to collect and monitor vital data on Student Chapter formation, growth, activity level, etc. In addition, this report is used to identify Student Chapters exhibiting outstanding performance each year; exemplary Chapters are recognized with the *Outstanding Student Chapter Award* at ITE's Annual Meeting. The ITE Student Chapter Manual provides a detailed list of the award judging criteria.

Advisor Role:

- **Make sure that all Student Officers are aware of the reporting requirement during planning for the year.**
- **Remind Officers of the reporting deadline of March 1st and confirm with them the on-time submittal of the Chapter's Annual Report.**

V. STUDENT CHAPTER ACTIVITIES

Technical Activities

Technical activities, categorized as on-site technical presentations, field trips and project involvement, should comprise a majority of a Student Chapter's annual program.

On-site Technical Presentations

On-site technical presentations may be of a technical, career, or business nature. During technical meetings, students become better acquainted with the transportation engineering profession and more deeply involved with the technical aspects of the field. Technical meetings permit the students to undertake activities and pursue particular topics that supplement educational programs. Potential presenters can include local transportation professionals, non-local transportation professionals (usually at no cost if combined with employee recruitment activities) or ITE Chapter, Section, District or International leadership. Invitations to District and International leaders should be extended early to allow for some flexibility in scheduling.

ITE has established a process to facilitate student chapters' efforts in identifying speakers for meetings and events. To take advantage of this, the chapter needs to send the following information to membership@ite.org: Chapter contact (name, email, phone number), name of student chapter, district, date/location of event or meeting, and what the topic of the event or meeting will be. ITE staff will forward the information to appropriate ITE members and instruct them to work directly with the student chapter to make all arrangements.

The student chapter should take full responsibility for inviting and making all necessary arrangements for guest speakers. Arrangements can include providing local transportation, ensuring that the necessary equipment for audio/visual aids is available and, if applicable, making overnight room reservations.

Advisor Role:

- Recommend and advise Officers on potential projects, discussion topics and presenters.
- As necessary, assist Officers in securing meeting space and audio/visual equipment for events.

Field Trips

Field trips offer an opportunity for students to meet practicing transportation professionals and see transportation facilities in action. Field trips can vary dramatically in duration, level of effort and cost.

| TYPE OF FIELD TRIP | |
|--------------------|--|
| Local | May consume only a few hours in the afternoon, are relatively easy to plan by contacting the local facility manager and may be attended using personal transportation. |
| Non-local | May require one or more overnight stays, adding to both the level of planning effort required and |

| | |
|-------------|--|
| | the cost of the field trip. |
| Conjunctive | May be planned in conjunction with other activities or events such as regional or national conferences (i.e., visiting Turner-Fairbanks Highway Research Center in McLean, Virginia while attending the Transportation Research Board's Annual Meeting in Washington, D.C.). |

Advisor Role:

- Recommend potential projects or facilities to your Student Officers.
- Ensure University rules for student field trips are followed.

Advisor Role:

- Recommend potential trips and facilities for Student Officers to pursue.
- Ensure that all rules and regulations set by the University regarding field trips are followed and enforced.

Project Involvement

Student participation in on- or off-campus technical projects provides an excellent opportunity for hands-on experience and, oftentimes, an opportunity to raise funds for the Student Chapter. Student Chapters commonly participate in traffic volume and speed, pedestrian, parking occupancy, seatbelt usage, signage and other studies. Some initial marketing is required to make on- or off-campus entities aware of the services the Chapter can offer. *In all cases, appropriate training and safety measures must be instituted to maximize professionalism and to minimize risk to Student Chapter members.*

Advisor Role:

- Recommend potential projects to Student Officers.
- Publicize the Chapter's availability and interest in participating in technical projects among your professional peers.
- Define appropriate Student Chapter technical services, keeping in mind the potential overlap with practicing engineering consulting services.
- Ensure that proper training and safety measures are in place whenever students are involved.

Technical Competitions

Student members should actively participate in technical activities and compete for awards at the Chapter, Section, District and International levels. Student technical paper awards are offered through International ITE and by many of the Chapters and Sections each year. Most of these competitions provide a monetary award to the winning student.

Advisor Role:

- Encourage Student Officers and general membership to participate in technical competitions.
- If students are successful, publicize the achievement among Department, College/University media and in appropriate professional forums.

Public Service

Public service activities most commonly involve pre-college (elementary through high school) education efforts or community service activities.

| PRE-COLLEGE EDUCATION | |
|--------------------------------|--|
| Recruitment Toolbox | ITE Transportation Education Council, in cooperation with the Southwest Region University Transportation Center (SWUTC), has developed a "Recruitment Toolbox" that assimilates the best ideas from around the country into an easily accessible, electronic database of proven transportation-related activities and exercises intended to expose and recruit a variety of age groups to the transportation profession. |
| Expanding Your Horizons | National program designed to interest junior high school girls in math and science related careers. |
| Math Counts | National coaching and competition program that promotes mathematical achievement by middle school students. |
| TRAC Careers Outreach Program | National program aimed at increasing interest in Civil Engineering among minority high school juniors and seniors. |
| FHWA's Education Pages | Provide links to other national pre-college education programs (i.e., Garrett A. Morgan Program), information targeted by age group and project ideas and instructional aids. |
| COMMUNITY SERVICE | |
| National Bike/Walk to Work Day | To instill use of alternative transportation modes at all ages. |
| Adopt-A-Highway Program | Departments of Transportation in each state operate a statewide highway litter pick-up program. |
| Boy and Girl Scouts of America | Teaching engineering fundamentals to local scouts, Engineering Merit Badge. |
| Non-transportation Events | Food and clothing drives, fun runs, <i>Bowl-for-Kid's Sake</i> events to raise funds for community programs are rewarding to participate in. |

Advisor Role:

- Direct Student Officers to pre-college or community resources for participation.
- Review proposed activity for appropriateness (i.e., for pre-college education events, ensure that the proposed activity is age-appropriate, sufficiently challenging, professional and will spark interest in the transportation engineering profession).

Social Events

Social events play an important role in: (1) bringing the Student Chapter membership together by developing long-term friendships and (2) rewarding Student Chapter members for their volunteer efforts throughout the year. Social events often include:

- informal gatherings such as kickoff, holiday and graduation parties;
- informal (i.e., bowling or skating) or formal (i.e., soccer, softball, hockey or other intramural teams) sporting events; or
- non-technical competitions (i.e., ITE Student Chapter logo or t-shirt design competition, transportation-related scavenger hunt using digital cameras).

Advisor Role:

- Offer to host kickoff, holiday or graduation parties. Invite professional colleagues in addition to Student Chapter members.

VI. PROFESSIONAL INVOLVEMENT

It is important for Student Chapters to be actively involved with the Chapter, Section, District, and International levels of ITE and the broader professional community to encourage job placement and enhancement of technical expertise. The Student Chapter Advisor serves an important liaison role between the students and professional community.

Transportation Job Placement

Many Student Chapters compile annual hardcopy or electronic resume books for students looking for both part-time employment while in school and full-time employment upon graduation. Student Chapters can also work with employers on a one-to-one basis to schedule and promote on-campus student interview opportunities; Advisors are often the first point of contact for outside employers.

Advisor Role:

- Coordinate with Student Officers and outside employers to provide job placement opportunities for students.
- Counsel students who are seeking permanent employment about negotiating continued ITE involvement as part of their initial employment contract (i.e., annual ITE membership dues payment by employer, one employer-sponsored trip to an ITE conference each year, etc.).

Meeting/Conference Attendance

Whenever possible, Student Chapter members should plan to attend Chapter, Section, District and International conferences to gain technical expertise and network with professionals. This typically requires an effective fundraising effort early in the year to support travel expenses, particularly for District and International conference attendance; ITE offers substantially reduced student registration fees. Concurrently, Student Chapter Officers should develop a plan for selecting which students are eligible to attend if funding is constrained. This selection process may be based on whether the student is presenting a technical paper at the conference, the level of participation in ITE activities up to the event or a lottery-style drawing.

In addition to regular meeting and conference programs, ITE is striving to incorporate more student-focused events that allow students from different universities to mingle and establish relationships. These events include a Student Chapter Advisor and Officers meeting and student reception during the Transportation Research Board Annual Meeting and reduced student ticket prices to Matson Luncheon.

Advisor Role:

- Encourage and arrange a periodic or rotational on-campus meeting for ITE Chapters or Sections to allow greater student participation.
- Facilitate introductions at meetings and conferences between students and professional colleagues.
- Encourage students to attend student-focused events.

VII. RECOGNITION OPPORTUNITIES

ITE offers several opportunities for individual students and Student Chapters to be recognized for outstanding efforts including the ITE Student Chapter Award, the Daniel B. Fambro Student Paper Award and various scholarship and fellowship awards. ITE Headquarters notifies the Chapter Advisor of these opportunities every fall.

| AWARD | |
|--|--|
| Student Chapter Award | To encourage Student Chapters “to promote the advancement of transportation and traffic engineering by fostering the close association of students with the transportation and traffic engineering profession and ITE; to acquaint chapter members with topics of interest in transportation and traffic engineering through the medium of addresses by competent speakers, and of chapter-sponsored trips; to foster the development of professional spirit; to promote common interests among chapter members; to encourage the expansion of facilities for transportation and traffic engineering study”; the winning Chapter receives national recognition, a plaque, and travel expenses to the ITE Annual Meeting and Exhibit. |
| Daniel B. Fambro Student Paper Award | To encourage student members of ITE to conduct and report on independent, original research and investigation of transportation engineering subjects and to provide a means for recognizing outstanding accomplishment in this area; the winner receives national recognition, a plaque, possible publication in the <i>ITE Journal</i> and travel expenses to the ITE Annual Meeting and Exhibit. |
| Fellowships for Graduate Study in Transportation | Provide financial aid for qualified students to pursue graduate degrees in transportation in a variety of study programs; ITE Districts, Sections and Chapters all provide these awards. |
| Transportation Education Council Innovation in Education Award | The ITE Transportation Education Council recognizes an individual, university department, or organization/learning institution that has implemented an innovative technique or program to attract, develop, and/or retain transportation professionals. |

These opportunities require initial and ongoing marketing to gain sufficient student involvement. Highlighting these opportunities at the onset of the academic year and setting concurrent Chapter and individual member goals for achievement can be an effective motivator.

In addition, actively promoting the resulting individual student member and overall Chapter accomplishments will lead to a more supportive, dedicated and participatory Chapter. At regular Chapter meetings, via email and in electronic newsletters, accomplishments related to student presentations, publications and awards should be announced. Student Chapter Officers should also work with Chapter, Section, District and International leaders to allow for student recognition in professional ITE forums. Student Chapter Officers or the Advisor can select student members for *Outstanding Contribution*, *Most Inspirational*, *Best Attendance*, or other awards.

Advisor Role:

- Encourage student members to actively participate in events and compete for awards at the Chapter, Section, District and International levels.
- If successful, publicize the student’s achievement among Department, College, and/or University media and in appropriate professional forums.