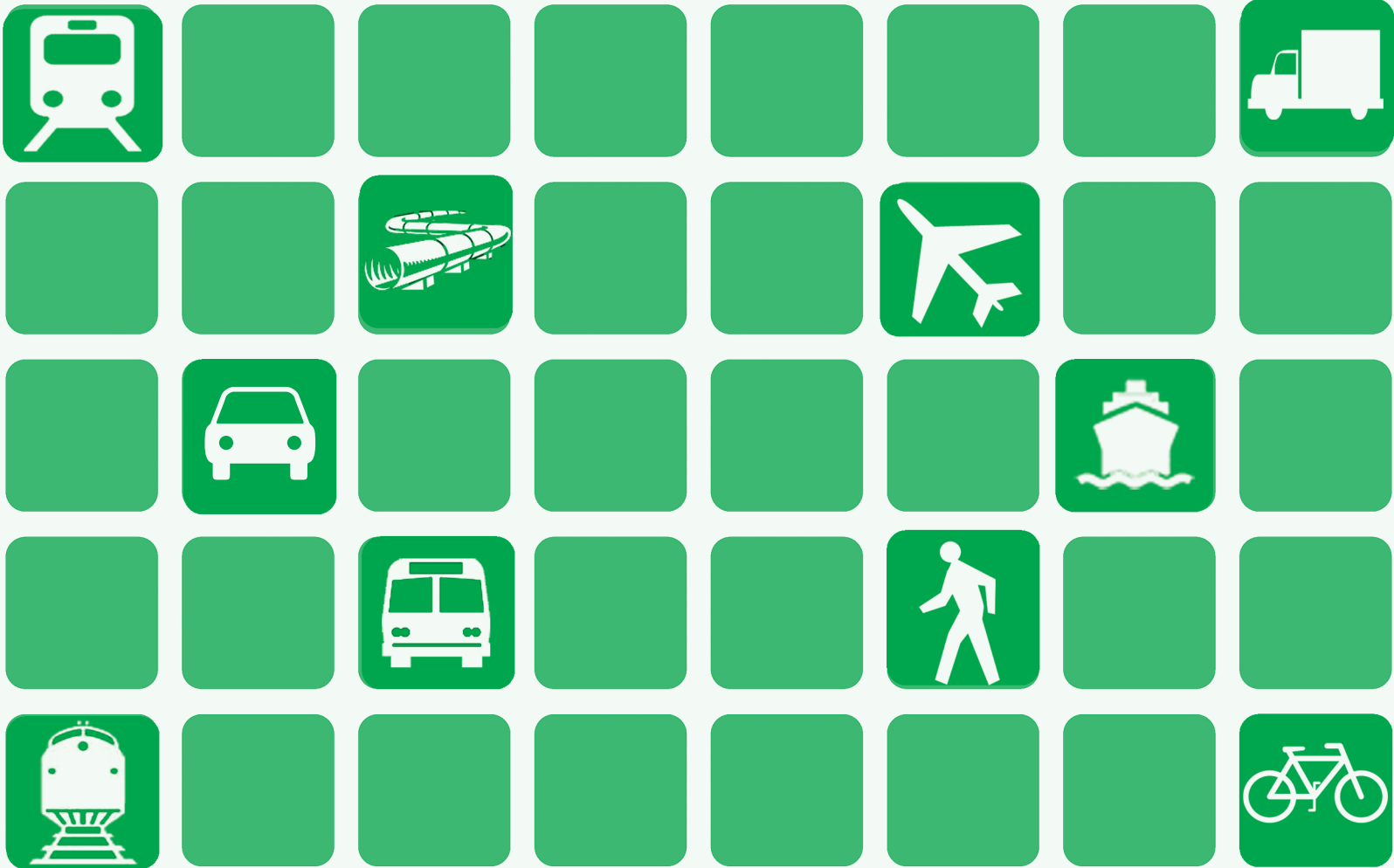




U.S. Department of Transportation  
**Federal Highway Administration**



# Catalog of Transportation Education, Training, and Workforce Development Programs and Resources August 2010

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## Foreword

The Office of Technical Services (OTS) of the Federal Highway Administration (FHWA) is pleased to present a revised and updated catalog of *Transportation Education, Training, and Workforce Development Programs and Resources*. Since it was first published in July 2008 the demand for the catalog has been strong. The catalog is designed to serve as a source of information to students, faculty, and transportation professionals by bringing together in one booklet transportation-related education, training, and professional development programs offered by the U.S. Department of Transportation (U.S. DOT), and professional associations and organizations. It provides to students useful information about scholarships, internships, and career opportunities in transportation. Faculty members can use it as a resource guide for their students to consider transportation as a career option and as a useful source of information on research opportunities. It can also benefit transportation professionals by providing useful information on training and professional development opportunities; and by promoting partnerships, improving the sharing of information, and coordination that will lead to more effective programs, which will help meet the transportation workforce development challenge.

The catalog includes brief descriptions of the programs, names of contact individuals, phone numbers, and email and Web site addresses when available. The programs included in the catalog cover a variety of areas, particularly scholarships, internships, career awareness programs, work study opportunities, training, professional development programs, and career entry-level programs. They include primarily programs administered by FHWA, but also many programs offered by other operating administrations in the U.S. DOT and national professional organizations/associations. However, the catalog does not include the numerous programs that exist in various States, regions, and universities nationwide.

The information is compiled by the OTS as part of its effort to share information with its customers and partners about available education and training resources and to promote better coordination among providers of transportation education and training programs. The catalog is also available on the following FHWA Web site: <http://www.fhwa.dot.gov/transprocat>.

We express our sincere appreciation to all those who helped in the compilation of the information for the catalog. We also welcome any feedback on how to make future editions more effective and responsive to your needs. We recognize that there may be programs that are omitted by oversight, or areas where we can improve the quality of the catalog. If you have any questions, comments or suggestions, please contact: Petronella James, FHWA Office of Technical Services, by email at [petronella.james@dot.gov](mailto:petronella.james@dot.gov).



**Moges Ayele, Ph.D.**  
Senior Liaison for Higher Education  
Office of Technical Services



# Table of Contents

<b>Federal Highway Administration (FHWA) Programs</b>	<b>1</b>
<b><i>Office of Technical Services (OTS)</i></b>	<b>1</b>
National Highway Institute (NHI) – Transportation Training and Courses	1
Federal Highway Resource Center	1
Dwight David Eisenhower Transportation Fellowship Program (DDETFP)	2
Garrett A. Morgan Technology and Transportation Education Program (GAMTTEP)	3
Transportation and Education Research Community of Practice (CoP)	4
Local Technical Assistance Program (LTAP)/Tribal Technical Assistance Program (TTAP)	4
<b><i>New Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) Provisions</i></b>	<b>4</b>
Core State Program Funds for Workforce Development	4
Training and Education/Transportation Education Development Pilot Program	5
Transportation Scholarship Opportunities Program	5
<b><i>Office of Human Resources</i></b>	<b>5</b>
Summer Transportation Internship Program for Diverse Groups (STIPDG)	5
Professional Development Program (PDP)	6
FHWA’s Federal Career Intern Program (FCIP)	6
Student Temporary Employment Program (STEP)	7
Student Career Experience Program (SCEP)	7
Academic Study Program (ASP)	7
Transportation and Technology Academy of Cardozo High School (TransTech) Program	8
<b><i>Office of Civil Rights</i></b>	<b>8</b>
National Summer Transportation Institute (NSTI)	8
Construction Career Days Program (CCDP)	9
On the Job-Training and Supportive Services Program	9
<b><i>Other –FHWA</i></b>	<b>10</b>
Transportation Curriculum Coordination Council (TCCC)	10
Office of Research, Development, and Technology (RD&T) Student Volunteer Program	10
Environmental Competency Building (ECB) Program	10
Freight Management and Operations	11
o Freight Professional Development (FPD) Program	11
o Freight Transportation Industry Internship (FTII) Program	11
o Freight Academy Immersion Program	12
Highway Infrastructure Security and Emergency Management Professional Capacity Building (HIS/EM PCB) Program	12
Roadway Safety Professional Capacity Building (RSPCB) Program	12
National Transportation Training Resource (NTTR) Online Database	13
<b>Department of Transportation Programs</b>	<b>15</b>
<b><i>DOT Wide Programs</i></b>	<b>15</b>
DOT’s Cooperative Education Program (Co-Op)	15
DOT’s Transportation Career Residency Program	15
Presidential Management Fellows (PMF) Program	15
<b><i>Research and Innovative Technology Administration (RITA)</i></b>	<b>16</b>
University Transportation Centers (UTC) Program	16

The Volpe National Transportation Systems Center Program	16
Transportation Safety Institute (TSI)	19
Intelligent Transportation Systems (ITS) – Professional Capacity Building (PCB) Program	19
<b><i>Federal Transit Administration (FTA)</i></b>	<b>21</b>
National Transit Institute (NTI)	21
Intermodal Public Transportation Program’s (IPTP) Human Capacity Building Program	21
Safety and Security Assistance	22
Transportation Planning Capacity Building Program (TPCB)	22
Community Transportation Association of America (CTAA)	22
Environmental Management Systems (EMSs) Training and Assistance	22
Rural Transit Assistance Program (RTAP)	23
<b><i>Federal Aviation Administration (FAA)</i></b>	<b>23</b>
Air Transportation Centers of Excellence (COE) Program	23
Technical Operations Collegiate Training Initiative (TO-CTI)	23
Air Traffic Collegiate Training Initiative (AT-CTI)	24
Summer Employment Program	24
FAA Student Intern Program (FASIP)	24
Minority Serving Institutions (MSI) Intern Program	25
FAA Academy	25
<b><i>Maritime Administration (MARAD)</i></b>	<b>25</b>
Global Maritime and Transportation School (GMATS)	26
U.S. Merchant Marine Academy (USMMA)	26
Maritime Universities, Schools and Training Facilities	27
Great Lakes Fire Training School (GLFTS)	27
<b><i>National Highway Traffic Safety Administration (NHTSA)</i></b>	<b>27</b>
Transportation Safety Institute – Traffic Safety Training	27
Traffic Injury Control Core Competencies	28
Society of Hispanic Professional Engineers (SHPE) Internship Partnership	28
Johns Hopkins Center (JHC) for Injury Research and Policy Summer Institute	28
FIRST Robotics Competition (FRC)	28
<b><i>NHTSA – Office of Human Resources</i></b>	<b>29</b>
o NHTSA Academic Study Program Pilot	29
o Training Café Strategic Knowledge Management	29
o Topical Information Program Sessions (TIPS)	29
<b><i>Federal Motor Carrier Safety Administration (FMCSA)</i></b>	<b>29</b>
<b><i>Office of Secretary of Transportation (OST)</i></b>	<b>30</b>
Office of the General Counsel, Volunteer Legal Internships	30
Office of Hearings, Volunteer Legal Internships	31
Honors Attorney Program	32
Office of Small and Disadvantaged Business Utilization	32
o Small Business Transportation Resource Center Program	32
o Entrepreneurial Training Women and Girls Internship Program	33
<b><i>DOT Joint Programs</i></b>	<b>33</b>
Transportation Planning Capacity Building (TPCB) Program	33
Travel Model Improvement Program (TMIP)	33

<b>Professional Organizations/Associations Programs</b>	<b>35</b>
<b><i>American Road &amp; Transportation Builders Association (ARTBA)</i></b>	<b>35</b>
ARTBA’s Transportation Construction Safety Program	35
ARTBA’s Safety Training and Audits	35
Safety Management Professional Development Section (PDS)	35
It’s Our Future!™ Campaign	36
On Demand Webinars	36
Transportation Builder Institute (TBI)	36
Young Executive Development Program (YEDP)	38
Young Executive Leadership Council (YELC)	38
Transportation Career Center Web Page	38
National Work Zone Safety Information Clearinghouse (NWZSIC)	38
The Lanford Family Highway Worker Memorial Scholarship Program	39
<b><i>American Association of State Highway and Transportation Officials (AASHTO)</i></b>	<b>39</b>
Transportation and Civil Engineering (TRAC) Program	39
Employment Opportunity Web page	40
<b><i>Eno Transportation Foundation</i></b>	<b>40</b>
Eno Center for Transit Leadership (CTL) Executive Development Program	40
Eno Leadership Development Program	41
International Transit Studies Program	41
National Park Transportation Scholars Program	41
<b><i>Institute of Transportation Engineers (ITE)</i></b>	<b>42</b>
Continuing Education and Training	42
ITE Technical Councils	43
Professional Competency Record Keeping System	43
Awards and Scholarships/Fellowships	44
ITE Employment Center	44
Transportation Professional Certification Board Inc.™ (TPCB)	44
<b><i>American Society of Civil Engineers (ASCE)</i></b>	<b>44</b>
Continuing Education Services	44
Contests, Competitions, and Resources	46
Scholarships and Fellowships	48
Extraordinary Women Engineers Project	49
ASCE’s Career Connections Web Site	49
Leader Education and Development (LEAD)	50
Congressional Fellows Program	50
Emerging Leaders Alliance (ELA)	50
<b><i>American Public Transportation Association (APTA)</i></b>	<b>50</b>
American Public Transportation Foundation (APTF)	52
Leadership APTA Program	52
APTA’s Workforce Development Initiative (WDI)	52
Safety & Security	53
APTA Webinars	53
APTA/AICP Partnership Program	53
APTA Partner Opportunities Program	53
APTA’s Public Transportation Career Opportunities Web Page	54

<b><i>International Road Federation (IRF)</i></b>	<b>54</b>
IRF Fellowship Program	54
Fellowship Orientation & Executive Leadership Program	54
<i>Safer Roads by Design</i> <sup>TM</sup> Safety Training Program	55
Executive Seminar on Contract Maintenance	55
Online Training	55
IRF Training Videos	56
<b><i>National Defense Transportation Association (NDTA)</i></b>	<b>56</b>
Scholarship/Tuition Assistance Programs	56
A-35 Program	57
NDTA's Career Center	57
<b><i>Conference of Minority Transportation Officials (COMTO)</i></b>	<b>57</b>
Career Center Web Site	57
The National Scholarship Program	58
COMTO's Career in Transportation for Youth (CITY)	60
<b><i>Women's Transportation Seminar (WTS)</i></b>	<b>61</b>
<b><i>Society of Women Engineers (SWE)</i></b>	<b>62</b>
<b>University Transportation Centers (UTCs)</b>	<b>65</b>
<b>Other Available DOT Resources</b>	<b>69</b>



# Federal Highway Administration (FHWA) Programs

## Office of Technical Services

### National Highway Institute (NHI) – Training and Courses

NHI is the training and education arm of FHWA that continuously helps to improve the performance of the Nation's transportation system through training. NHI is part of the Office of Technical Services (OTS) within FHWA. NHI was established in 1970 to provide training resources to customers, partners, and learners in every State and to upgrade the knowledge and skills of transportation personnel engaged in the planning, design, construction, operation, and maintenance of our surface transportation system. NHI's goals are to train the current and future transportation workforce, and effectively and quickly transfer knowledge to and among transportation professionals.

With more than 40 years of experience in serving the transportation community, NHI is sufficiently equipped to provide excellent training resources and training courses to national and international customers, partners, local governments, private organizations, and all learners from every State. Annually, NHI delivers more than 700 courses to more than 16,000 participants. The courses cover a variety of topics including structures, geotechnical, construction and maintenance, Intelligent Transportation Systems (ITS), real estate, transportation planning, highway safety, asset management, pavement and materials, design and traffic operations, hydraulics, freight and transportation logistics, environment, business public administration and quality, and communications.

Products and services provided by NHI include a training catalog with course schedules and details, course hosting opportunities, online checkout service to pay for courses, books and training materials, online transcript request, and Web conferencing. NHI also offers beneficial resources and tools for developing effective courses, such as Instructor-Led Training (ILT), Web Conference Training (WCT), and Web-Based Training (WBT) Developer Toolkits. It also provides guidance and resources on learning that introduces learning principles, instructional system design, course development processes, and more. NHI customers continue to give positive comments on NHI's quality of training and services.

To learn more about opportunities offered by NHI:

Contact Rick Barnaby by email at: [rick.barnaby@dot.gov](mailto:rick.barnaby@dot.gov)

or by phone at: (703) 235-0520, or dial the toll free number: (877) 558-6873

or visit: <http://www.nhi.fhwa.dot.gov>

### Federal Highway Resource Center (FHWA-RC)

The FHWA Resource Center Technical Service Teams (TSTs) provide fast and expert solutions to pressing transportation issues. The FHWA Resource Center offers training and expert assistance in a variety of technical, communication, and financial areas directly related to the transportation industry. The training offerings are designed to advance the strategic goals and objectives of the FHWA by providing high-level technical assistance to FHWA Division Offices, State Departments of Transportation, Metropolitan Planning Organizations, local agencies, as well as other customer segments throughout the United States.

The Resource Center's TSTs offer tailored workshops, briefings, and seminars, based on customer requirements. Assistance is provided both on-site and via a number of virtual methods,

including Webinars and video conferencing. In addition, many team members are instructors for courses offered through the National Highway Institute and the National Transit Institute. Team members are also available for program and process reviews, and other consultative assistance on an as-needed basis.

The Resource Center provides an annual Call for Service which allows customers to request forecasted assistance. Customers now have the opportunity to revisit these requests, adding, deleting or modifying them quarterly. Please visit the Call for Service link at: <http://rc.fhwa.dot.gov/callforservice/>.

For further information on the program:

Contact Bernetta Collins, Resource Center Director, by email at: [bernetta.collins@dot.gov](mailto:bernetta.collins@dot.gov) or visit: <http://www.fhwa.dot.gov/resourcecenter/misc/training.cfm>

### **Dwight David Eisenhower Transportation Fellowship Program (DDETFP)**

DDETFP is administered by the University and Grants Program under FHWA's Office of Professional and Corporate Development (OPCD). The program was first established in 1991 by the Intermodal Surface Transportation Efficiency Act (ISTEA). It was then reauthorized in 1998 by the Transportation Equity Act for the 21<sup>st</sup> Century (TEA-21); and again reauthorized in 2005 by the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). This program was established to attract qualified students to the fields of transportation education and research, and to advance transportation workforce development. Eligible participants are students pursuing degrees in transportation-related disciplines starting from junior year to doctoral level. Eligible participants do not have to be U.S. citizens, but must provide a certified copy of their I-20 or I-551 ID issued by the Immigration and Naturalization Service (INS). Full benefits of the program include tuition, stipend, and travel expenses to the Transportation Research Board's (TRB) annual meeting. Selected participants may not receive a full reward, but will receive a minimum \$1,500 for travel to TRB's annual meeting. The DDETFP awards a variety of different fellowships to approximately 150-200 students annually. The various fellowships awarded under the DDETFP are listed below:

- **Eisenhower Graduate (GRAD) Fellowships** enable students to pursue masters or doctorates in transportation related fields at the college or university of their choice.
- **Eisenhower Grants for Research Fellowships (GRF)** acquaint undergraduate and graduate students with transportation research, development, and technology transfer activities, and provide the opportunity to conduct research on important transportation projects at U.S. Department of Transportation (DOT) facilities.
- **Eisenhower Historically Black Colleges and Universities (HBCU) Fellowships** provide students attending HBCUs with additional opportunities to pursue transportation-related education, which prepares them to enter careers in transportation. HBCU Fellowships also serve as a feeder for other Eisenhower fellowships.
- **Eisenhower Hispanic Serving Institutions (HSI) Fellowships** provide students attending HSIs with additional opportunities to pursue transportation-related education, which prepares them to enter careers in transportation. HSI Fellowships also serve as a feeder for other Eisenhower fellowships.

- **Eisenhower Tribal Colleges and Universities (TCU) Fellowships** provide students attending TCUs with additional opportunities to pursue transportation-related education, which prepares them to enter careers in transportation. TCU Fellowships also serve as a feeder for other Eisenhower fellowships.
- **Eisenhower People with Disabilities (PWD) Fellowships** provide people with disabilities additional opportunities to pursue education, which prepares them to enter careers in transportation. The PWD Fellowships also serve as a feeder program for other Eisenhower fellowships.
- **Eisenhower Intern Fellowships (EIF)** provides students with opportunities to gain real world experience in a wide range of significant transportation-related activities at public and private-sector transportation organizations.
- **Eisenhower Community College (CC) Fellowship** provides students at community colleges with opportunities to enter careers in transportation. This fellowship serves as a feeder for other Eisenhower fellowships.

To learn more about DDETFP:

Contact Mr. Henry Murdaugh by email at: [transportationedu@dot.gov](mailto:transportationedu@dot.gov)

or by phone at: (703) 235-0538

or visit: <http://www.fhwa.dot.gov/ugp> (fellowships)

### **Garrett A. Morgan Technology and Transportation Education Program (GAMTTEP)**

GAMTTEP is administered by the University and Grants Program under the FHWA's Office of Technical Services (OTS). Its purpose is to improve the preparation of students—particularly women and minorities—in science, technology, engineering, and mathematics (STEM), and prepare youth to become the future transportation workforce.

Former Secretary of Transportation Rodney E. Slater established the program in May 1997 under the title of Garrett A. Morgan Technology and Transportation Futures Program. It is named after Garrett A. Morgan (1877-1963), a prominent African American entrepreneur and inventor. One of his most notable inventions was the traffic signal, a device that provided the foundation for managing traffic flow in the 20<sup>th</sup> century. In 2005, Congress elevated this program to a new level by funding and authorizing its establishment in the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU).

GAMTTEP provides grants to local and State educational agencies, which may partner with institutions of higher education, public and private organizations, and others to implement programs to improve K-12 students' skills in STEM through transportation-related activities. This program focuses on:

- Building a bridge between America's youth and the transportation community.
- Improving elementary and secondary (K-12) level students' skills in STEM through curriculum development, internships, mentoring, and other activities.
- Facilitating partnerships between the government, academia, and the private sector.

- Increasing understanding of the transportation industry and careers, and advancing the transportation workforce development.

To learn more about GAMTTEP:

Contact Mr. Henry Murdaugh by email at: [transportationedu@dot.gov](mailto:transportationedu@dot.gov)

or by phone at: (703) 235-0538

or visit: <http://www.fhwa.dot.gov/ugp>

### **Transportation and Education Research Community of Practice (CoP)**

The Transportation Education and Research CoP is administered by the University and Grants Program under the FHWA's OTS. CoP is an effective Web based tool that promotes continuous learning through the exchange of knowledge between transportation officials, students, university faculty, and others interested in the field of transportation. It creates a virtual environment for all to post information regarding various highway exchange topics. The Transportation Education and Research CoP in particular promotes the exchange of information regarding ideas, experiences, and practices among transportation education professionals and peers.

To get more information:

Contact Mr. Gerald Hill by email at: [gerald.hill@dot.gov](mailto:gerald.hill@dot.gov)

or by phone at: (703) 235-0591

or contact Mr. Henry Murdaugh by email at: [henry.murdaugh@fhwa.dot.gov](mailto:henry.murdaugh@fhwa.dot.gov)

or by phone at: (703) 235-0538

or visit: <http://www.fhwa.dot.gov/opd/universitygrants.htm>

### **Local Technical Assistance Program (LTAP)/Tribal Technical Assistance Program (TTAP)**

Sponsored by FHWA, LTAP/TTAP helps to increase the knowledge and skills of the transportation workforce. LTAP was established in 1982 to provide information and training programs to local agencies regarding transportation roadway and bridge maintenance. TTAP was established in 1991 to provide a training and technology transfer resource to Native American tribes. These programs are composed of a network of 58 centers—one in every State, one in Puerto Rico, and seven regional centers serving tribal governments. Each center is a resource for local agencies providing training programs, information, technology updates, technical assistance, and newsletters.

To get more information:

Contact Clark Martin by email at: [clark.martin@dot.gov](mailto:clark.martin@dot.gov)

or by phone at: (703) 235-0547

or contact Cameron Ishaq by email at: [cameron.ishaq@dot.gov](mailto:cameron.ishaq@dot.gov)

or by phone at: (703) 235-0525

or visit: <http://www.fhwa.dot.gov/opd/affiliateprogram.htm> or <http://www.ltapt2.org>

## *New SAFETEA-LU Provisions*

### **Core State Program Funds for Workforce Development**

The Core State Program Funds for Workforce Development is a new provision under Section 5204(e) of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), that allows funds from the Surface Transportation, National Highway

System, Bridge Replacement and Rehabilitation, Interstate Maintenance, and Congestion Mitigation and Air Quality Improvement programs, at the discretion of the States, to be used for workforce development, training, and educational purposes. Funds may be used for the purposes of training and education for in-service workers, transportation career activities, student internships, and university or community college support.

To get more information:

Contact Clark Martin by email at: [clark.martin@dot.gov](mailto:clark.martin@dot.gov)

or by phone at: (703) 235-0547

or visit: <http://www.fhwa.dot.gov/opd/stateprogram.htm>

### **Training and Education/Transportation Education Development Pilot Program**

Section 5204(f) of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), (Public Law 109-59), provides for the Secretary of Transportation to establish a program to make grants to institutions of higher education that, in partnership with industry or State departments of transportation, will develop, test, and revise new curricula and education programs to train individuals at all levels of the transportation workforce. The amount of the grants cannot exceed \$300,000 per year. After a recipient has received three years of Federal funding under this subsection, Federal funding may equal not more than 75 percent of a grantee's program costs.

To get more information:

Contact Clark Martin by email at: [clark.martin@dot.gov](mailto:clark.martin@dot.gov)

or by phone at: (703) 235-0547

or visit: <http://www.fhwa.dot.gov/opd/stateprogram.htm>

### **Transportation Scholarship Opportunities Program**

The Transportation Scholarship Opportunities Program under Section 5505 of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) authorizes nongovernmental institutions to create scholarship and mentoring programs. This program also authorizes operating administrations within the U.S. Department of Transportation (DOT) to create scholarship and mentoring programs, which most of these administrations did not have before. Funding is not provided and operating administration participation is discretionary.

To get more information:

Contact Clark Martin by email at: [clark.martin@dot.gov](mailto:clark.martin@dot.gov)

or by phone at: (703) 235-0547

or visit: <http://www.fhwa.dot.gov/opd/stateprogram.htm>

## *Office of Human Resources (OHR)*

### **Summer Transportation Internship Program for Diverse Groups (STIPDG)**

STIPDG is funded by FHWA's Office of Civil Rights On-the-Job Training Supportive Services Program and managed by FHWA's Office of Human Resources. This program provides a ten-week summer internship opportunity primarily for groups who have been underrepresented—such as women, persons with disabilities, and students from diverse groups. Eligible participants are college/university students enrolled in a variety of disciplines. STIPDG participants receive many benefits including hands-on experience and on-the-job training at a transportation office or

facility. Included is a stipend of up to \$5,000 for Law or Graduate students, and \$4,000 for Undergraduate students. Housing arrangements and payments are also provided. Participants may also receive college credits upon completion of the program with the permission of their college/university.

To learn more about STIPDG:

Contact Lafayette Melton by email at: [lafayette.melton@dot.gov](mailto:lafayette.melton@dot.gov)

or by phone at: (202) 366-2907

or visit: <http://www.fhwa.dot.gov/education/stipdg.htm>

or email at: [2010stipdg@dot.gov](mailto:2010stipdg@dot.gov)

### **Professional Development Program (PDP)**

PDP is administered by FHWA's Office of Human Resources (HR). This program was developed to provide opportunities for participants to experience career development of the highest caliber in transportation, engineering, and planning at FHWA. The program is a FHWA-paid Federal job that lasts two years and provides the opportunity for advancement and placement in a permanent position upon completion of the program. The program consists of on-the-job-training, diverse developmental assignments, and participation at a Professional Development Academy. Eligible participants are college graduates with a bachelor's or master's degree in a variety of disciplines, who are motivated and committed to the field of transportation. Benefits offered by this program include travel, relocation, competitive salary, flexible work schedules, diverse practical experience, vacation and sick leave, job security, graduate/postgraduate studies, life insurance, retirement, and bonuses. Selected participants will be assigned to a sponsoring office that serves as their "home base." Participants are expected to travel to various geographical locations throughout PDP to complete several developmental assignments. Upon completion of PDP, selected participants must be available for final placement at any location nationwide. Graduates must be U.S. citizens to be eligible for this program.

To learn more about PDP:

Contact Juana Sosa by email at: [juana.sosa@dot.gov](mailto:juana.sosa@dot.gov)

or by phone at: (202) 366-1753

or contact Lafayette Melton by email at: [lafayette.melton@dot.gov](mailto:lafayette.melton@dot.gov)

or by phone at: (202) 366-2907

or visit: <http://www.fhwa.dot.gov/aaa/pdp>

### **FHWA's Federal Career Intern Program (FCIP)**

FCIP is managed by the Office of Human Resources, Student Outreach and Career Entry Programs Group. FCIP is designed to help agencies recruit and attract exceptional individuals into a variety of occupations. It was created under Executive Order 13162, and is intended for positions at grade levels GS-5, 7, and 9. In general, individuals are appointed to a two-year internship. Upon successful completion of the internships, the interns may be eligible for permanent placement within an agency.

Eligible participants for FCIP are college graduates with undergraduate or graduate level degrees, or experience related to specific occupations. Selected participants are placed throughout FHWA where they are given the opportunity to experience career development in the highway transportation field. The positions are intended to develop candidates for the full performance level in a particular series (generally GS-12 unless otherwise indicated). Career



intern positions are designed to give incumbents the necessary background to eventually compete for leadership positions above the full performance level.

To learn more about FHWA's FCIP:

Contact Juana Sosa by email at: [juana.sosa@dot.gov](mailto:juana.sosa@dot.gov)

or by phone at: (202) 366-1753

or visit: <http://www.fhwa.dot.gov/vacancy/career1.htm>

### **Student Temporary Employment Program (STEP)**

STEP is managed by FHWA's Office of Human Resources (HR). STEP offers paid temporary Federal employment opportunities in the field of transportation to high school, undergraduate, and graduate students. Students may work full time, part time, or anytime during the year; however, the student's work schedule should not interfere with the student's academic schedule. Participants are given the opportunity to gain valuable work experience and are eligible for annual and sick leave. Participants are not required to work in their field of study or discipline.

To learn more about STEP:

Contact Tammie Murray by email at: [tammie.murray@dot.gov](mailto:tammie.murray@dot.gov)

or by phone at: (202) 366-0541

or visit: <http://www.fhwa.dot.gov/legsregs/directives/orders/m30001c/p1ch2s1.htm> or

<http://www.usajobs.opm.gov/STUDENTS.asp>

### **Student Career Experience Program (SCEP)**

SCEP is managed by FHWA's Office of Human Resources (HR). SCEP provides paid Federal employment opportunities for high school, undergraduate, and graduate students. Students gain valuable work experience in positions that are directly related to their field of study. Students may work full time, part time, or anytime during the year, however the student's work schedule should not interfere with the student's academic schedule. Students are eligible for Federal benefits including annual and sick leave. Additionally, SCEP provides eligibility for non-competitive permanent employment with FHWA upon obtaining a degree and meeting all position-related requirements.

To learn more about SCEP:

Contact Serena Matthews by email at: [serena.matthews@dot.gov](mailto:serena.matthews@dot.gov)

or by phone at: (202) 366-1201

or visit: <http://www.fhwa.dot.gov/legsregs/directives/orders/m30001c/p1ch2s1.htm> or

<http://www.usajobs.opm.gov/STUDENTS.asp>

### **Academic Study Program (ASP)**

ASP is managed by FHWA's Office of Human Resources' (HR) Training and Development Group (TDG). ASP was established to support FHWA employees taking academic courses or programs of study. Interested FHWA employees need an endorsement from a nominating official to participate in the program. The endorsement should explain how the proposed program of study will help to meet FHWA's organizational goals for program leadership or technical expertise. ASP benefits employees by providing funding for their approved full time or part time programs of study. A \$20,000 cap has been placed for all ASPs. Funds can be used for tuition, books, and other fees. Please refer to the Web site provided for fees not covered by FHWA.

To learn more about ASP:

Contact Nicole Hicks by email at: [nicole.hicks@dot.gov](mailto:nicole.hicks@dot.gov)

or by phone at: (202) 366-1202

or visit: <http://intra.fhwa.dot.gov/opt/training/development/asp/asp.htm> (only available through FHWA StaffNet)

### **Transportation and Technology Academy of Cardozo High School (TransTech) Program**

The Cardozo TransTech Program is managed by FHWA's Office of Human Resources (HR).

This program was established in 1991 to bridge the gap between classrooms and the transportation workplace for students enrolled at Cardozo Senior High School, located in Washington, D.C. Cardozo High School students are eligible to participate if they are entering the ninth, tenth, or eleventh grade with a minimum of a 2.0 Grade Point Average (GPA). Other requirements include participation in extra-curricular activities, good conduct, and good attendance. Students benefit significantly from this program through numerous opportunities, such as mentoring, summer internships, regular student work assignments, and career development activities.

To learn more about the TransTech Program:

Contact Juana Sosa by email at: [juana.sosa@dot.gov](mailto:juana.sosa@dot.gov)

or by phone at: (202) 366-1753

or contact Lafayette Melton by email at: [lafayette.melton@dot.gov](mailto:lafayette.melton@dot.gov)

or by phone at: (202) 366-2907

or visit: <http://transtechacademy.com/>

## *Office of Civil Rights (OCR)*

### **National Summer Transportation Institute (NSTI)**

The NSTI program is managed by FHWA's Office of Civil Rights. The program began in 1993 at South Carolina State University (SCSU) through a cooperative effort between SCSU, South Carolina Department of Transportation (SCDOT), and FHWA's South Carolina Division Office. The program was established to attract youth into the transportation field. In 1999, Congress authorized this program in the Transportation Equity Act for the 21<sup>st</sup> Century (TEA-21), establishing it as the first transportation education program for secondary school students. The NSTI activities, which are conducted in college/university campuses throughout the country, provide four to six week sessions to middle and high school students. The program focuses on raising students' awareness in transportation careers and encourages students to pursue transportation courses at the college/university level. Students benefit from the program through participating in transportation related activities including math, science, and technology enrichment. Other features of this program include SAT preparation, field trips, life management seminars, and student projects. Interested students may have the opportunity to participate at program locations outside their State.

To get more information:

Contact Ann Wicks by email at: [ann.wicks@dot.gov](mailto:ann.wicks@dot.gov)

or by phone at: (202) 366-2213

or visit: <http://www.nrc.scsu.edu/directorsmessage.htm>



### **Construction Career Days Program (CCDP)**

CCDP—which is designed to increase awareness among high school and college students about career opportunities in the highway construction industry—is managed by FHWA’s Office of Civil Rights. The program was created in 1999 to address the severe shortage of skilled construction workers in the state of Texas. The shortage of workers was eroding competition in the number of bidders for transportation projects and adversely affecting quality in the highway construction program. The program’s founders wanted to create a “hands-on” event for students to learn about the diversity of careers in the transportation related construction sector. Another key purpose of the program is to change the negative image that the construction sector has among the public in general and among youth. The first construction career day event was held in March 1999, in Lewisville, Texas with more than 1,300 students attending. The program’s success has led to its adoption throughout the country. Since the first event in 1999, more than 300,000 students have participated in the program. The events are well received by students and teachers as well as representatives from industry, government, education, and various other groups. A National Construction Career Day Center has been established at the University of Rhode Island Transportation Center that serves to continue the program’s expansion, act as a clearinghouse of information, and provide technical assistance to local Construction Career Day teams in designing and hosting their events. The Center has created a National Construction Career Day Advisory Board representing industry, government, labor, and education to provide input on how the program can continuously be improved.

To learn more about CCDP:

Contact Jeff Cathcart by email at: [jcjci@cox.net](mailto:jcjci@cox.net)

or by phone at: (401) 874-7075

or visit: <http://www.constructioncareerdays.us>

### **On-The-Job Training & Supportive Services Program**

The On-the-Job Training (OJT) Program requires State Transportation Agencies (STA) to establish project apprenticeship and training programs targeted to move women, minorities, and disadvantaged individuals into journey-level positions in skilled and semi-skilled crafts in an effort to address the historical under-representation of these groups in highway construction. In support of this contractor “project-by-project” effort, Supportive Services (SS) funds are available to each STA’s OJT Program for developing, conducting, and administering surface transportation and technology training, including skill improvement programs, and developing and funding summer transportation institutes. The program is usually known as the OJT/SS Program, to acknowledge the SS funds that pay for the OJT apprenticeship and training programs. The program was established to supplement the OJT Program. Section 5204(e) of SAFETEA-LU provides discretionary authority for the States to use funds from five primary core programs to support training, education, and workforce development (Congestion Mitigation and Air Quality Improvement (CMAQ) Program, Highway Bridge Program (HBP), Interstate Maintenance (IM), National Highway System (NHS), and Surface Transportation Program (STP)). Eligible work includes recruitment, skills training, job placement, child care outreach, transportation to work-sites, post-graduation follow-up, and job-site mentoring. Training and development include activities associated with surface transportation career awareness, student transportation career preparation, and training and professional development for surface transportation workers—including activities for women and minorities.

**ARRA Funding for OJT/SS:** The Recovery Act section under the “Federal Highway Administration Federal Infrastructure Investment” heading states, “That of the funds made

available under this heading, \$20,000,000 shall be for highway surface transportation and technology training.”

To get more information on the On-the-Job Training program,  
Contact Zakiah Latif-Lynch by email at: [zakiah.latif-lynch@dot.gov](mailto:zakiah.latif-lynch@dot.gov)  
or by phone at: (202) 366-1585

## *Other - FHWA*

### **Transportation Curriculum Coordination Council (TCCC)**

TCCC was established in 2000 as a partnership between the FHWA, State Departments of Transportation (DOTs), and the transportation industry to help in the training of highway construction personnel. TCCC seeks to create and maintain a national curriculum for transportation disciplines, identify training and certification requirements, and facilitate effective training. TCCC efforts include optimizing resources in the development of core training and qualification mediums, improving the work skills of highway construction employees, promoting the propagation of useful information to organizations, developing a national training resource database for the transportation construction field, and promoting the usage of American Association of State Highway Transportation (AASHTO) standards in training development. As a result, TCCC posts training and course availabilities, documents related to course and training development for various transportation disciplines, and publications relevant to highway construction personnel training.

To get more information:

Contact Chris Newman by email at: [christopher.newman@dot.gov](mailto:christopher.newman@dot.gov)  
or by phone at: (202) 366-2023  
or contact Howe Crockett by email at: [howe.crockett@dot.gov](mailto:howe.crockett@dot.gov)  
or by phone at: (360) 619-7750  
or visit <https://fhwaapps.fhwa.dot.gov/tccc/>

### **Office of Research, Development, and Technology (RD&T) Student Volunteer Program**

The Student Volunteer Program is administered by FHWA’s Office of Research, Development, and Technology (RD&T). This program provides high school and college students the opportunity to gain hands-on-experience in the transportation field. The Student Volunteer Program establishes partnerships with local high schools and local universities, which allow students to conduct transportation related experiments and research. Experiments and research are carried out at the Turner-Fairbank Highway Research Center located in McLean, Va.

To get more information:

Contact by phone at: (202) 493-3999  
or visit: <http://www.tfsrc.gov/about/05040/01.htm>

### **Environmental Competency Building (ECB) Program**

The Environmental Competency Building (ECB) Program provides a central source of information for transportation and environmental professionals to develop competency in the environmental disciplines required for their work.

The ECB program mission is to collaboratively identify, develop, and promote effective strategies and resources that will cultivate and enhance competencies of professionals to deliver environmentally sustainable transportation programs. ECB program goals are to:

- Recognize existing competency.
- Enhance practitioner expertise.
- Broad dissemination of successful practices.
- Provide access to training and resources. Explore certification programs.

For further information on the ECB program:

Contact Gerald Solomon by email at: [gerald.solomon@dot.gov](mailto:gerald.solomon@dot.gov)

or by phone at: (202) 366-2037

or visit: <http://www.environment.fhwa.dot.gov/ecb/index.aspx>

### **Freight Management and Operations**

The Office of Freight Management and Operations (OFMO) promotes efficient, seamless, and secure freight flows on the U.S. transportation system and across borders. The smooth and secure flow of freight is important to the Nation's economy and to global connectivity. The activities of the OFMO build a greater understanding of freight transportation issues and trends, foster public/private partnerships, improve operations through advanced technologies, and educate and train freight transportation professionals.

- **Freight Professional Development (FPD) Program**

The Freight Professional Development (FPD) Program provides targeted training to build the knowledge base and skills of freight transportation and planning professionals. The majority of training opportunities sponsored by the FPD program are available through the [National Highway Institute \(NHI\)](#), FHWA Headquarters and/or the FHWA Resource Center. The FPD Program assists State DOT, MPO, and local agency staffs with gaining the skills and knowledge necessary to meet the challenges arising from the increasing flow of freight on the Nation's transportation system.

The FPD Program offers a broad range of professional capacity building opportunities, including course workshops, seminars, and peer-to-peer exchanges. It provides access to information, resources, and tools that improve the understanding of how freight moves across our transportation network and how best to enable that movement while minimizing its impacts.

For further information on the FPD program:

Contact Carol Keenan by email at: [carol.keenan@dot.gov](mailto:carol.keenan@dot.gov)

or by phone at: (202) 366-6993

or visit: <http://www.ops.fhwa.dot.gov/freight/fpd/>

- **Freight Transportation Industry Internship (FTII) Program**

This program helps public-sector transportation professionals gain a better understanding of issues facing local businesses and industries, opens up lines of communication, and builds relationships with the private sector. Through the program, public-sector participants work with their counterparts in several industries for 1 to 2 months. This experience enables public-sector participants to improve their knowledge of local freight transportation needs, challenges, and factors that influence private-sector decision making.

For further information on the FTII program:  
Contact Kate Quinn by email at: [kate.quinn@dot.gov](mailto:kate.quinn@dot.gov)  
or by phone at: (202) 366-4241  
or visit: <http://www.ops.fhwa.dot.gov/freight/fpd/training/index.htm>

- **Freight Academy Immersion (FAI) Program**

The Freight Academy is an immersion program for public sector transportation professionals sponsored by the I-95 Corridor Coalition. This week-long immersion program is designed to efficiently train public sector agency staff involved in planning, operational, and/or management work that impact goods movement decisions, investments, and interactions.

For further information on the FAI program:  
Contact Marygrace Parker by email at: [i95mgp@ttlc.net](mailto:i95mgp@ttlc.net)  
or by phone at: (518) 436-2817  
or visit: <http://www.ops.fhwa.dot.gov/freight/fpd/education.asp>  
or visit: <http://www.freightacademy.org>

### **Highway Infrastructure Security and Emergency Management Professional Capacity Building (HIS/EM PCB) Program**

HIS/EM Professional Capacity Building was initially established as the FHWA Security PCB Program. Its objective was to enhance the knowledge and understanding of security among the Nation's highway workforce. In collaboration with the American Association of State Highway and Transportation Officials (AASHTO) and the U.S. Department of Transportation Volpe Transportation Systems Center and acknowledging the natural linkage between highway infrastructure security and emergency management, the Security PCB Program was transformed into the HIS/EM PCB. Concurrently the objective was expanded to also include the need for providing knowledge and understanding about emergency management to the highway workforce. The HIS/EM Professional Capacity Building program provides access to available training opportunities in highway infrastructure security and emergency management. The site may be used for research, continuing education, or as a reference repository. Links to the courses on Emergency Management enable on-line course completion through the Emergency Management Institute (EMI) operated by the Federal Emergency Management Agency (FEMA).

For further information on the HIS/EM PCB program:  
Contact Dan Ferezan by email at: [dan.ferezan@dot.gov](mailto:dan.ferezan@dot.gov)  
or by phone at: (202) 366-0507  
or visit: <http://www.fhwa.dot.gov/security/emergencymgmt/profcapacitybldg/>

### **Roadway Safety Professional Capacity Building (RSPCB) Program**

Roadway safety professionals across the country are striving to improve the safety of the Nation's roads but face challenges as technologies emerge and new professionals enter the field. The FHWA's Office of Safety (HSA) created the RSPCB program to help develop critical knowledge, skills, and abilities within the roadway safety workforce. Building on the work of the AASHTO Strategic Highway Safety Plan and the Highway Safety Manual, the program helps transportation professionals better utilize new tools and technologies. The program objectives are to:

- Provide educational resources to highway safety professionals, managers, and elected officials.
- Develop knowledge, skills, and abilities in individuals at all levels to enable them to share a common understanding of highway safety.
- Ensure that safety expertise, technical assistance, training, education, and mentoring are available to Federal, State, local, and private transportation professionals.

For further information on the RSPCB program:

Contact Ben Gribbon by email at: [benjamin.gribbon@dot.gov](mailto:benjamin.gribbon@dot.gov)

or by phone at: (202) 366-1809

or visit: <http://safety.fhwa.dot.gov/training/pcb/> and <http://rspcb.safety.fhwa.dot.gov>

### **National Transportation Training Resource (NTTR)**

The National Transportation Training Resource (NTTR) is an online database of information about learning resources for the public-sector transportation workforce. The NTTR is a tool for training managers and frontline transportation professionals. Training managers can use the NTTR to obtain information about courses and resource developers; while professionals can use the NTTR to locate opportunities to build their knowledge, skills, and abilities. Use the NTTR search tools to easily locate resources that target skill building in specific competency areas.

The National Transportation Training Resource (NTTR) is *growing, expanding, and evolving* a database of transportation-related learning resources: *growing* in the number of resources being added; *expanding* in the variety of organizations that are submitting resources; and *evolving* in the range of transportation disciplines being addressed.

The NTTR contains information, or *metadata*, about resources. An example of such metadata is a description of the resource itself; the name of the resource contact, developer, or instructor; or the resource's position within a competency, among other metadata. Training managers can use this information to identify course developers, obtain timesaving guidance and input into their own course developments, learn about the factors that led to successful course rollouts in other States, or locate training providers. Transportation professionals in agencies can use the NTTR to identify resources that can improve their skills within a transportation discipline, or within a competency.

Currently the majority of the resources in the NTTR cover topics in highway safety, maintenance, construction, materials, operations, management, and general skills—although plans are under way to add resources that pertain to transit, Intelligent Transportation Systems, and commercial vehicle operations. Additionally, many resources in the NTTR are mapped to one or both of two popular competencies: the [Transportation Curriculum Coordination Council \(TCCC\)](#) and the [Transportation Operations Framework](#). Other competencies are being considered for inclusion, and the NTTR's underlying database structure allows for such additions without the need for substantial programming modifications.

For more information about the NTTR, or to discuss adding your competency to the NTTR:

Contact Ben Gribbon by email at: [benjamin.gribbon@dot.gov](mailto:benjamin.gribbon@dot.gov)

or by phone at: 202-366-1809

or contact Gerry Flood by email at: [gerry.flood@dot.gov](mailto:gerry.flood@dot.gov)

or by phone at: 617-494-3848

or visit: <http://www.nttr.dot.gov/about.aspx>



# Department of Transportation (DOT) Programs

## *DOT Wide Programs*

### **DOT's Cooperative Education Program (Co-Op)**

The Co-Op is supported by DOT to provide students an opportunity to obtain a paid work experience while attending school. Students are eligible if they are enrolled in a high school, technical or vocational school, 2-year or 4-year college or university, or graduate or professional school. Applicants to the program are required to be in good academic standing and enrolled in at least half-time academic course load. Benefits of this program include the opportunity to gain work experience related to their field of study, eligibility for non-competitive permanent employment with DOT, flexible work schedules, health insurance, and life insurance.

To get more information:

Students interested in this program should contact their specific school career planning or placement office and visit: [http://careers.dot.gov/stu\\_coop.html](http://careers.dot.gov/stu_coop.html)

### **DOT's Transportation Career Residency Program**

The Transportation Career Residency Program allows participants to “set their career in motion.” Eligible participants are college graduates with at least a master’s degree or higher level degree with an outstanding academic record, potential for professional development, interest in management and analysis of policies and programs, and a desire to work in the transportation industry. Selected participants go through a 24-month professional development “residency” that includes site visits and job rotations. Participants will gain a rewarding work experience that enhances their strategic, management, and technical skills. Benefits are paid vacations, sick leave, health insurance, life insurance, paid training, thrift savings plan, transportation subsidies, and flexible work schedules. Participants must be U.S. citizens to be eligible.

To learn more about DOT's Transportation Career Residency Program:

Contact a program specialist by email at: [career.residency@dot.gov](mailto:career.residency@dot.gov)

or by phone at: (202) 366-4088

or visit: [http://careers.dot.gov/stu\\_entryprog.html](http://careers.dot.gov/stu_entryprog.html)

### **Presidential Management Fellows (PMF) Program**

The PMF Program is supported by DOT and managed by the Office of Personnel Management (OPM) of the Federal Government's Human Resource Agency. The PMF Program was established by an Executive Order in 1977 to attract outstanding men and women to the Federal service. The qualified applicants are to come from a variety of academic disciplines and career paths and have a clear interest in, and commitment to, excellence in the leadership and management of public policies and programs. Individuals with a master's, law, or doctoral-level degree participate in a 2-year Federal career developmental program and are given the opportunity to explore career opportunities in the Federal Government. By drawing graduate students from diverse social and cultural backgrounds, the PMF Program provides a continuing source of trained men and women to meet the future challenges of public service. This program is highly competitive and provides a valuable source for participants to gain management, analytical, and leadership skills. To be eligible to apply, an applicant must be a current student who is working toward the completion of his/her graduate degree requirements, and must complete all graduate degree requirements during a specified time period.



To learn more about the PMF Program:  
Contact a PMF Program specialist by email at: [pmf@opm.gov](mailto:pmf@opm.gov)  
or by phone at: (202) 606-1040  
or visit: <https://www.pmf.opm.gov/>

## *Research and Innovative Technology Administration (RITA)*

### **University Transportation Centers (UTC) Program**

The UTC Program is managed by the DOT's Research and Innovative Technology Administration (RITA). The UTC Program was created in 1987 under the Surface Transportation and Uniform Relocation Assistance Act, which established transportation centers in 10 regions. The UTC Program was reauthorized three more times expanding the number and funding level of UTCs. The UTC Program was reauthorized through the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU). SAFETEA-LU significantly expanded the number of centers from 33 to 60, each with a mission to advance the expertise and workforce for transportation disciplines through research, education, and technology transfer. UTCs are a vital source for students that provide educational and research opportunities, training, skill enhancement, workshops, seminars, conferences, summer employment and internship opportunities, and awareness in transportation careers.

To learn more about the UTC program:  
Contact the specific UTC of interest by obtaining the UTC's contact information from: <http://utc.dot.gov/>, or see list of UTCs at the end of this catalog.

### **The Volpe National Transportation Systems Center Program**

The Volpe National Transportation Systems Center is part of the DOT's Research and Innovative Technology Administration (RITA). The Volpe Center was established in 1970 by John A. Volpe, who was the second U.S. Secretary of Transportation. The goal of the Center is to provide leadership and help decision makers define problems and pursue solutions related to their critical transportation issues. The Center is located in Cambridge, Massachusetts, where numerous outreach programs are conducted. These numerous outreach programs are listed below under the following categories: Volunteer Educational Outreach Programs, Volpe Center Employee Programs, and Volpe Center Work Opportunities.

- **Volunteer Educational Outreach Programs**
  - **The Volpe TEAM (Tutoring, Educating, and Mentoring) Effort** was established in 1992 and was designed to give Volpe employees, regional DOT employees, and contractors the opportunity to conduct volunteer activities and develop their mentoring skills. Activities conducted have been targeted to elementary schools, high schools, and adult education students. The programs allow for the opportunity to transfer technology and information, inform program recipients about transportation careers, and help to create a more diverse transportation workforce. Outreach programs conducted under the Volpe TEAM Effort are:
    - **Robert F. Kennedy Elementary School Lunch Buddies Program** where approximately 105 Volpe Center employees read to second and third grade students twice a month during lunch. Students benefit by gaining exposure to the transportation industry and developing a love for reading.



To learn more about the Lunch Buddies Program:

Contact Lynn Murray by email at: [lynn.c.murray@volpe.dot.gov](mailto:lynn.c.murray@volpe.dot.gov)

or by phone at: (617) 494-2224

or visit: <http://www.volpe.dot.gov/outreach/lunch.html>.

- **Cambridge Rindge and Latin High School Program** is designed to introduce current transportation topics to Cambridge Rindge and Latin High School by establishing lectures, events, and tutoring. This program not only introduces students to transportation, but it also entices students to have a greater interest in all academic studies.

To get more information:

Contact Lynn Murray by email at: [lynn.c.murray@volpe.dot.gov](mailto:lynn.c.murray@volpe.dot.gov)

or by phone at: (617) 494-2224

or visit: <http://www.volpe.dot.gov/outreach/educational.html#science>

- **Adult Basic Education/English as a Second Language (Kendall Square Learning Project - KSLP)** is a non-profit, charitable organization that provides classes in English as a Second Language (ESL), and basic life skills topics. These classes are provided at no cost to the students and are open to anyone. The KSLP is based in Kendall Square, Cambridge, MA and is accessible by MBTA. Classes are held twice a week in the evening at facilities provided by U.S. Department of Transportation, Volpe Center, located at 55 Broadway, Kendall Square, Cambridge, MA 02142-1093.

To get more information:

Contact Olive Lesueur by email at: [olive.lesueur@dot.gov](mailto:olive.lesueur@dot.gov)

or by phone at: (617) 494-2541

or contact Russ Furtado by email at: [russell.furtado@dot.gov](mailto:russell.furtado@dot.gov)

or by phone at: (617) 494-2266

or visit: <http://www.volpe.dot.gov/outreach/educational.html>

- **Volpe Center Employee Programs**

- **In-house Mentoring Program** was established in 2000 with the objectives of disseminating knowledge of the organizations leadership, ensuring ongoing knowledge transfer from senior staff to junior personnel, and creating more organization learning partnerships.

To learn more about the In-house Mentoring Program:

Contact Dilcy Garro by email at: [dilcy.garro@dot.gov](mailto:dilcy.garro@dot.gov)

or by phone at: (617) 494-2453

or visit: <http://www.volpe.dot.gov/>

- **The Client-Sponsored Training User's Group (CTUG)** provides a means for Volpe staff members to discuss important topics such as training techniques, training media, the World Wide Web, distance learning, and more. Meetings are held once a month in an informal manner with speakers from academia, Volpe colleagues, DOT colleagues, and the private sector.

To get more information:

Contact Olive Lesueur by email at: [olive.lesueur@dot.gov](mailto:olive.lesueur@dot.gov)

or by phone at: (617) 494-2541

or visit: <http://www.volpe.dot.gov/ctug/>

- **Volpe Center Fellows Program** is a professional development program that encourages professional development of Volpe employees by covering tuition, fees and book expenses in graduate or post-graduate programs. In addition, the Volpe Center offers payment of travel expenses and other expenses for training and development events related to employees' professional fields. The Volpe Center also runs on-site seminars and training courses to keep current and expand employee competencies. The Volpe Center also provides Career Counseling Services to support employees in development needs and professional options.

To learn more about the Volpe Center Fellows Program:

Contact a program specialist by email at: [volpefellows@volpe.dot.gov](mailto:volpefellows@volpe.dot.gov)

or visit: <http://www.volpe.dot.gov/career/develop.html>

- **Volpe Center Work Opportunities**

- **Student Career Experience Program** allows for the hiring of undergraduate and graduate students seeking degrees in a variety of fields. The program is available year round providing paid Federal employment opportunities and benefits. Students are given the opportunity to obtain valuable work experience in their field of interest with flexible work schedules. Students selected may also be converted to permanent Federal employee positions upon graduation. Students must be U.S. citizens to be eligible for this program.

To learn more about the Student Career Experience Program:

Contact Alfrida Coombs by email at: [alfrida.coombs@dot.gov](mailto:alfrida.coombs@dot.gov)

- **John A. Volpe Internship Program** establishes internship opportunities for graduate level students in the engineering, scientific, and social science disciplines. This program was initiated by Secretary of Transportation, Rodney E. Slater to recognize the contribution of John A. Volpe. Participants get the opportunity to work with experts in the field of transportation and gain valuable work experience for up to two years. Benefits include a plaque and letter of congratulations from the Secretary of Transportation, tuition assistance, paid work at the Volpe Center, reimbursement of travel and moving expenses, and a potential offer for permanent employment upon graduation. Graduate students must be U.S. citizens to be eligible for this program.

To learn more about the John A. Volpe Internship Program:

Contact a program specialist by email at: [recruiting@volpe.dot.gov](mailto:recruiting@volpe.dot.gov)

or email: [eric.falzone@dot.gov](mailto:eric.falzone@dot.gov)

or by phone at: (617) 494-2500

or visit: <http://www.volpe.dot.gov/career/intrnshp.html>

To learn more about the Volpe National Transportation Systems Center Program:

Visit: <http://www.volpe.dot.gov/>  
or email at: [askvolpe@dot.gov](mailto:askvolpe@dot.gov)

### **Transportation Safety Institute (TSI)**

TSI was established in 1971 to help DOT modal administrations accomplish their mission essential training requirements. TSI is managed by the Research and Innovative Technology Administration (RITA). Since its inception, TSI has expanded its clientele to keep up with the needs of the Department and transportation industry. The Institute offers premier transit, aviation, motor carrier, highway safety, hazardous materials, risk management, and other training nationally and internationally.

TSI is nationally recognized as an excellent training provider with a variety of customers. TSI is headquartered in Oklahoma City at the Mike Monroney Aeronautical Center (MMAC). The MMAC building is a large training facility that contains all the necessary training support services, such as classrooms and audiovisual resources. Classrooms are complemented by state-of-the-art teaching equipment. Training can be conducted at both on-site and off-site locations at low cost. The training provided is customer focused and is developed with sponsor involvement. TSI's staff is highly experienced and works with skilled teachers and course developers to provide excellent job-related training. Participants in the TSI training can learn new skills and techniques specific to their field as well as gain the opportunity to obtain certificates.

To get more information:

For different TSI connections that have more contact information specific to the topic of interest, such as Aviation Safety, Container Inspection, Hazardous Materials, Motor Carrier and Special Programs, National Traffic Safety, Operations Support, and Transit Safety and Security:  
Visit: <http://www.tsi.dot.gov/>

### **Intelligent Transportation Systems (ITS) – Professional Capacity Building (PCB) Program**

The DOT's ITS program is managed by the ITS Joint Program Office in the Research and Innovative Technologies Administration (RITA). The ITS Professional Capacity Building (PCB) Program provides comprehensive, accessible, and flexible ITS learning for the transportation industry. By using the program, public agencies can build and sustain a capable and technically proficient ITS workforce, and transportation professionals can develop their knowledge, skills, and abilities while furthering their career paths.

The ITS PCB Program offers a wide spectrum of learning opportunities through training, technical assistance, Web seminars, peer exchanges, education, case studies, reference materials, and local programs. The wide variety offers professionals an opportunity to meet their ITS learning needs in a more tailored and easily accessible way.

The program was developed in 1991 under the Intermodal Surface Transportation Efficiency Act (ISTEA) to develop research, operational testing, and implementation of ITS. The ITS program was reauthorized in 1998 by the Transportation Efficiency Act for the 21<sup>st</sup> Century (TEA-21). ITS's deployment program was then closed under the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) in 2005, but funding was still provided for ITS research. Since then, the ITS program continues pursuing research and development. The program also offers services such as technology transfer, training, and technical guidance. One program included in the ITS program is the:

- **ITS Professional Capacity Building (PCB) Program** which, through its program partners, offers classroom courses, Web courses, certificate programs, training, technical assistance, Web seminars, peer exchanges, case studies, and reference materials for transportation officials, universities, research centers, students, and tomorrow's ITS workforce. The ITS PCB Program includes the following services:

- **Course Calendar** that includes course information and schedule for classroom courses, blended courses, Web courses, seminars, workshops, and certificate programs related to ITS content.

To get more information:

Visit: <http://www.pcb.its.dot.gov/calendar.asp>

- **ITS Curriculum** that provides ITS Curriculum Level Descriptions along with corresponding courses.

To get more information:

Visit: <http://www.pcb.its.dot.gov>

- **ITS Peer-to-Peer (P2P) Program** which is provided by ITS PCB Program, U.S. DOT, and the Intelligent Transportation Society of America (ITS America). The ITS Peer-to-Peer Program is a technical assistance program aimed at public agency transportation officials to tap into the existing ITS knowledge, resources, and experiences with ITS.

To learn more about the ITS Peer-to-Peer Program:

Contact a program specialist by email at: [p2p@volpe.dot.gov](mailto:p2p@volpe.dot.gov)

or by phone at: 1 888-700-PEER

or visit: <http://www.pcb.its.dot.gov>

- **Local ITS PCB** programs that provide training and resources to meet regional needs.

To get more information:

Visit: [http://www.pcb.its.dot.gov/deliv\\_local.asp](http://www.pcb.its.dot.gov/deliv_local.asp)

- **T3/Webinars** which provide training through quick and low cost interactive net conferences with an ITS Subject Matter Expert (SME). The SME presents material from a PowerPoint® slide presentation or Web tour for one hour to registered participants regardless of their locations. Participants follow along on their own computer and listen to the presentation by phone. The session is then followed by 30 minutes of question and answer. T3 Webinars are recorded and archived in the T3 Archives at: [http://www.pcb.its.dot.gov/res\\_t3\\_archive.asp](http://www.pcb.its.dot.gov/res_t3_archive.asp)

To get more information:

Visit: [http://www.pcb.its.dot.gov/res\\_t3.asp](http://www.pcb.its.dot.gov/res_t3.asp)

- **Additional Educational Web sites** which are provided for ITS professionals, university students, decision makers, and K-12 students.

To get more information:

Visit: [http://www.pcb.its.dot.gov/le\\_ew\\_sites.asp](http://www.pcb.its.dot.gov/le_ew_sites.asp)

To learn more about the ITS PCB Program:

Contact Mac Lister by email at: [mac.lister@dot.gov](mailto:mac.lister@dot.gov)

or by phone at: (708) 283-3532

or visit: <http://www.pcb.its.dot.gov/default.asp>

To get more information about ITS:

Contact an ITS program specialist by email at: [itshelp@volpe.dot.gov](mailto:itshelp@volpe.dot.gov)

or by the toll-free “Help Line” at: (866) 367-7487

or visit: <http://www.its.dot.gov/index.htm>

## *Federal Transit Administration (FTA)*

### **National Transit Institute (NTI)**

NTI, funded by FTA, was established under the Intermodal Surface Transportation Efficiency Act (ISTEA) of 1991. The institute—located at Rutgers University, the State University of New Jersey—develops, promotes, and delivers training and education to America’s transit industry. NTI offers courses in a variety of disciplines including transit program management and compliance, management development, advanced technologies, multimodal transportation planning, workplace safety and security, and more. Courses are designed to allow maximum interaction and participation and incorporate hands-on practices when possible. NTI also offers certification courses, training workshops, and products, such as CD-ROM training, fact sheets, pocket guides, posters, reference guides, and videos.

To get more information:

Contact the NTI operator by phone at: (732) 932-1700

or visit: <http://www.ntionline.com/>

### **Intermodal Public Transportation Program’s (IPTP) Human Capacity Building Program**

Authorized by the June 1998 Transportation Equity Act for the 21<sup>st</sup> Century (TEA-21), the FTA International Public Transportation Program (IPTP) helps the U.S. transit industry to access international markets and furthers the improvement of U.S. transit by highlighting international innovations. The program consists of Trade Promotion, Technology Transfer, an International Public Transit Tenders List and a Human Capacity Building Program.

The IPTP coordinates capacity building programs for U.S. transit professionals to learn from international transit agencies that are world leaders in areas relevant to U.S. transit operations such as bus rapid transit, fare collection, public private partnerships, and safety and security. The FTA also collaborates with the American Public Transportation Association (APTA) and the Transportation Cooperative Research Program (TCRP) International Transit Studies Program (ITSP) on their capacity building programs.

For information and reports on recent TCRP International Transit Studies Program (ITSP) missions, visit: <http://www.tcrpstudiesmissions.com/>.

- **Capacity Building for Foreign Transit Professionals** - The IPTP plans and develops capacity building programs for foreign transit professionals who seek to

learn more about U.S. innovations and best practices. As appropriate, participants take part in classroom instruction, teleconferences, practical training, and site visits drawing upon the resources and expertise of the public and private sectors.

To learn more about the IPTP Human Capacity Building Program:

Contact Rita Daguillard by email at: [rita.daguillard@dot.gov](mailto:rita.daguillard@dot.gov)

or by phone at: (202) 366-0955

or visit: [http://www.fta.dot.gov/assistance/research\\_4491.html](http://www.fta.dot.gov/assistance/research_4491.html)

### **Safety and Security Assistance**

In the continuing effort of securing the Nation's transit infrastructure, the FTA has provided several direct assistance services to transit agencies throughout the country. One service provided is FTA's security and safety Web site, which includes publications, newsletters, and statistical analyses on safety, security, emergency management, and more. Other services provided are technical assistance, regional forums, courses, training, conferences, training tools, guidelines and regulations, onsite readiness assessments, and grants for drills.

To get more information:

Visit the FTA's safety and security Web site at: <http://transit-safety.volpe.dot.gov/>

### **Transportation Planning Capacity Building Program (TPCB)**

Jointly administered by the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA), with assistance from the U.S. DOT's Volpe National Transportation Systems Center, TPCB products and services provide information, training, and technical assistance to the transportation professionals responsible for planning for the capital, operating, and maintenance needs of our Nation's surface transportation system.

To get more information, visit the Transportation Planning Capacity Building Program at:

<http://www.planning.dot.gov/about.asp>

### **Community Transportation Association of America (CTAA)**

The Community Transportation Association of America (CTAA) provides training and certification for transit staff working in community transportation. Many courses are offered onsite at different organizations, designed to meet specific needs.

To get more information, visit the Community Transportation Association of America at:

<http://www.ctaa.org/>

### **Environmental Management Systems (EMSs) Training and Assistance**

FTA administers EMSs Training and Assistance for ten of its State and local grantees. The training is conducted by the Center for Organizational and Technological Advancement at Virginia Polytechnic Institute and State University (Virginia Tech). The program was established to assist transit agencies from across the country to develop and implement an EMS. The criteria for selecting transit agency participants were the organization's commitment to EMS implementation, environmental challenges and experiences, and geographical diversity. Selected agencies went through an eighteen month period where workshops, onsite technical support, electronic software, and consultation are provided to their employees. In addition, the selected agency was assisted in developing an EMS based on their specific requirements. The training and assistance were provided for both upper management and operational personnel. FTA is currently beginning third round of EMS training and assistance to its State and local grantees.



To get more information:

Contact Antoinette Quagliata by email at: [antoinette.quagliata@dot.gov](mailto:antoinette.quagliata@dot.gov)

or by phone at: (202) 366-4265

or visit: [http://www.fta.dot.gov/planning/environment/planning\\_environment\\_227.html](http://www.fta.dot.gov/planning/environment/planning_environment_227.html)

### **Rural Transit Assistance Program (RTAP)**

*National RTAP* is a program of the Federal Transit Administration dedicated to creating rural transit solutions through technical assistance, partner collaboration, and free training and other transit industry products. The National RTAP resource center is a community that is both physical and virtual. The physical library is housed in Waltham, MA and contains more than 2 decades of National RTAP training modules, best practice briefs, reports, brochures, and primers. The virtual resource center houses partner materials, videos, training workbooks, and reports; all available online. It is a one-stop shop for rural transit operators looking for resources. The RTAP develops and distributes free training materials, provides technical assistance, and conducts research with the goal of improved mobility for Americans living in communities with populations under 50,000.

For further information on the RTAP program, visit: <http://www.nationalrtap.org/>

## *Federal Aviation Administration (FAA)*

### **Air Transportation Centers of Excellence (COE) Program**

FAA's Centers of Excellence legislation was enacted by Congress in 1990 mandating public/private partnerships to conduct long- and short-term aviation related research, education and training. The COE Program provides a formal structure and strategy serving to advance and transfer new transportation technologies, knowledge, and skills while training a pool of professionals to serve the next generation of transportation experts. The FAA has competitively established eight Centers of Excellence throughout the United States to focus on major technologies critical to mission accomplishment and the FAA's long-term vision. More than 75 universities have formed flexible, multi-disciplinary teams with other government organizations and more than 200 industry affiliates to provide a coordinated research agenda and facilitate collaborative efforts throughout the aviation community. Over the past decade, COE members have provided more than \$100M in matching funds. The Program currently reflects more than a \$300M level of effort, has educated and trained more than 1,500 graduate students who have supported more than 3,000 aviation related research projects, and published related doctoral theses, articles, and reports. Additionally, FAA Centers of Excellence promote transportation related math, science, and engineering studies and conduct conferences, workshops, seminars, and technical reviews to disseminate information as mandated in the enabling legislation.

To learn more about the Centers of Excellence (COE) Program:

Contact Patricia Watts by email at: [patricia.watts@faa.gov](mailto:patricia.watts@faa.gov)

or by phone at: (609) 485-5043

or visit: <http://www.faa.gov/go/coe>

### **Technical Operations Collegiate Training Initiative (TO-CTI)**

TO-CTI—previously called the Airway Facilities Collegiate Training Initiative (AF-CTI)—is administered by FAA. This initiative promotes the hiring of students for entry level positions in many fields, such as Airway Transportation Systems, Electronics Engineering, Environmental Protection Specialist, and more. To be eligible for this program, students must be attending an

FAA approved college or trade school. Visit the Web site shown below to identify FAA approved colleges or trade schools. Participants are expected to advance in their careers in automation and learn more about the various aspects of this field.

To get more information:

Contact the approved TO-CTI institution of interest by obtaining the institution's contact information from the following Web site:

[http://www.faa.gov/about/office\\_org/headquarters\\_offices/ahr/jobs\\_careers/student\\_programs/collegiate\\_training/tech\\_ops/](http://www.faa.gov/about/office_org/headquarters_offices/ahr/jobs_careers/student_programs/collegiate_training/tech_ops/)

### **Air Traffic Collegiate Training Initiative (AT-CTI)**

AT-CTI is administered by FAA and helps provide training to students interested in becoming Air Traffic Control Specialists (ATCSs). Students must be U.S. citizens, enrolled in an AT-CTI approved school, provide an official school recommendation, and successfully complete the FAA approved AT-CTI program. The Web site shown below contains more information on the qualification process. Participants of this program are given exceptional training related to air traffic systems. This program helps students establish the beginning of a worthwhile career as an ATCS.

To get more information about the ATCS program and an AT-CTI school of interest  
Visit:

[http://www.faa.gov/about/office\\_org/headquarters\\_offices/ahr/jobs\\_careers/occupations/atc/at-cti/](http://www.faa.gov/about/office_org/headquarters_offices/ahr/jobs_careers/occupations/atc/at-cti/)

### **Summer Employment Program**

The Summer Employment Program is administered by the FAA to attract talented students to become a part of the FAA workforce. Students must be at least 16 years old and a U.S. citizen. High school students are required to submit a copy of their class schedule and college students should submit a copy of their résumé and a copy of their academic transcript. This program provides students a positive learning and work experience during the summer period.

To learn more about the Summer Employment Program:

Contact a local servicing Human Resource Management Division (HRMD) by obtaining the contact information from the following Web site:

[http://www.faa.gov/about/office\\_org/headquarters\\_offices/ahr/jobs\\_careers/student\\_programs/](http://www.faa.gov/about/office_org/headquarters_offices/ahr/jobs_careers/student_programs/)

### **FAA Student Intern Program (FASIP)**

FASIP is administered by FAA and provides work experience opportunities for high school students, vocational and technical school students, and undergraduate and graduate students. Eligible students must be at least sixteen years old and must have a minimum of a 3.0 Grade Point Average (GPA). Other eligibility requirements can be obtained from the Web site provided below. Students participating in this program are given the opportunity to obtain work experience that is directly related to their educational program and career goals. Participants may be required to work full-time or part-time during all times of the year.

To learn more about FASIP:

Contact a local servicing Human Resource Management Division (HRMD) by obtaining the contact information from the following Web site:

[http://www.faa.gov/about/office\\_org/headquarters\\_offices/ahr/jobs\\_careers/student\\_programs/year\\_round/](http://www.faa.gov/about/office_org/headquarters_offices/ahr/jobs_careers/student_programs/year_round/)



### **Minority Serving Institutions (MSI) Intern Program**

Gain work experience as a full-time undergraduate or graduate student. You must have a minimum 3.0 cumulative Grade Point Average. The Intern program provides weekly stipend plus the cost of travel, special orientations, workshops, field trips, and counseling. Internships are available throughout the year—spring (January to May – 15 weeks), summer (June to August – 10 weeks), and fall (August to December – 15 weeks). Students may earn academic credit for their participation in an internship during their internship.

To learn more about the program:

Contact Lawrence President by email at: [lawrence.president@faa.dot.gov](mailto:lawrence.president@faa.dot.gov)

or by phone at (202) 493-5185

or contact Mai Nguyen by email at: [mai.nguyen@faa.dot.gov](mailto:mai.nguyen@faa.dot.gov)

or by phone at (202) 267-7666

or visit:

[http://www.faa.gov/about/office\\_org/headquarters\\_offices/ahr/jobs\\_careers/student\\_programs/year\\_round/](http://www.faa.gov/about/office_org/headquarters_offices/ahr/jobs_careers/student_programs/year_round/)

### **FAA Academy**

The FAA Academy provides technical and managerial training and development for our workforce and the aviation community. Since courses have different admissions criteria, prospective participants are admitted on a course-by-course basis. Certain courses may not be open to the general public, but many courses are available to other government agencies, industry, and international civil aviation authorities.

In addition to training FAA and non-FAA personnel in the United States, the Academy has trained international participants from 172 countries. Many of the World's leaders in civil aviation are alumni of the FAA Academy. The continued educational and professional interactions have led to mutual understanding and respect.

For additional information on the FAA Academy visit:

[http://www.faa.gov/about/office\\_org/headquarters\\_offices/arc/programs/academy/](http://www.faa.gov/about/office_org/headquarters_offices/arc/programs/academy/)

### ***Maritime Administration (MARAD)***

The Maritime Administration (MARAD) plays an important role in educating many members of the public about the maritime industry, in addition to the training and education of mariners. MARAD is active in promoting awareness of the maritime industry to school students, teachers, and the general public. MARAD operates the U.S. Merchant Marine Academy at Kings Point, New York, one of five Federal service academies. The Maritime Administration also provides training vessels and other support to six State maritime academies, which are located in Texas, California, New York, Michigan, Maine, and Massachusetts. These academies provide 4-year undergraduate programs, and graduates are employed as licensed mariners and in shoreside occupations such as shipyard management and transportation logistics. MARAD also supports continuing education for current mariners. Guidelines and curricula have been developed for security training for a variety of people who work around ports and ships. Details about that training may be found in this section of the site.

To learn more about the Maritime Administration educational programs:

Contact MARAD by phone at: 1-800-996-2723 or visit:

[http://www.marad.dot.gov/education\\_landing\\_page/education\\_landing\\_page.htm](http://www.marad.dot.gov/education_landing_page/education_landing_page.htm)

### **Global Maritime and Transportation School (GMATS)**

Global Maritime and Transportation School (GMATS) is a world leader in professional Maritime and Intermodal Transportation Education and Training, offering more than [140 professional education and training programs](#). In addition, GMATS specializes in developing customized education and training programs that meet the specific needs of transportation organizations. GMATS [transportation courses](#) have been certified by The Certified Claims Professional Accreditation Council (CCPAC), an organization for Marine Insurance professionals.

The courses that are certified are:

1. [Cargo Security Management - Supply Chain Integrity](#) – Basic Course
2. [Maritime Anti Terrorism and Crisis Management in Transportation](#)
3. [Business Logistics Management](#)
4. [Fundamentals of Chartering and Brokerage / Advanced Bulk Commodities Workshop](#)
5. [Intermodal Freight Transportation](#)
6. [Introduction to the Maritime Industry](#)
7. [Strategic Intermodal Transportation](#)
8. [Port and Terminal Operations](#)

Participants in these courses can submit these training programs for credits toward their professional designation certification each year.

The GMATS Divisions include Nautical Science; Marine Engineering; Transportation; Logistics and Management; and Research and Special Projects.

For more information about the GMATS visit: <http://gmats.usmma.edu/>

### **U.S. Merchant Marine Academy (USMMA)**

The Academy is located in Kings Point, New York, on Long Island's north shore. The Academy is a national institution, operated by the Maritime Administration. The Academy offers a 4-year program centered on a regimental system that instills in its students the traits of leadership, discipline, and dedication required for a career that typically may include service at sea, maritime employment ashore, and serving as a commissioned officer in a reserve component of the U.S. Armed Forces.

The mission of the USMMA is to educate and graduate professional officers and leaders who are dedicated to serving the economic and defense interests of the United States in the Armed Forces and Merchant Marine, and who will contribute to an intermodal transportation system that effectively ties America together. The purpose of the U.S. Merchant Marine Academy is to ensure that such people are available to the Nation as shipboard officers and as leaders in the transportation field who will meet the challenges of the present and the future. A ship at sea does not operate in a vacuum. This industry includes companies which own and manage the vessels; ports and terminals where cargo is handled; yards for ship repair; services like marine insurance underwriters, ship chartering firms, admiralty lawyers, engineering and research companies; and increasingly today, intermodal systems of trucks and railroads to distribute goods around the country.

For more information about the USMMA visit: <http://www.usmma.edu/default.asp>

### **Maritime Universities, Schools, and Training Facilities**

The MARAD hosts a global listing of maritime universities, schools, and training facilities focusing on careers in the marine industry. These institutions will prepare students for a career in the Merchant Marine, Marine, Navy, Coast Guard, and Oceanography.

For more information about maritime educational facilities

Visit: <http://users.hal-pc.org/~nugent/school.html>

### **Great Lakes Fire Training School (GLFTS)**

Students at GLFTS apply classroom training in extinguishing live fires in a realistic ship-like structure. Topics of this 5-day course include: chemistry of fire, fire prevention, portable and fixed extinguishers, self-contained breathing apparatus, organizing fire response teams, firefighting safety fire control planning and procedures, and hands-on firefighting evolutions under live-fire conditions.

For more information about the GLFTS program:

Email: [GLFireschool@dot.gov](mailto:GLFireschool@dot.gov)

or visit:

[http://www.marad.dot.gov/about\\_us\\_landing\\_page/gateway\\_offices/fire\\_training\\_center/fire\\_training\\_center.htm](http://www.marad.dot.gov/about_us_landing_page/gateway_offices/fire_training_center/fire_training_center.htm)

## *National Highway Traffic Safety Administration (NHTSA)*

### **Transportation Safety Institute – Traffic Safety Training**

The safety of our Nation's highways is dependent upon the efficiency and effectiveness of the efforts of the entire highway safety community. In order to enable these professionals to maximize the impact of their effort to reduce motor vehicle crashes and the results of these crashes, NHTSA provides training programs through the Transportation Safety Institute. These training courses enable Federal, State, and local highway safety professionals to perform at state-of-the-art levels in the planning, managing, and evaluation of traffic safety programs. Training programs cover a vast array of timely issues including enforcement, legislation, partnerships, deterrence, occupant protection, impaired driving, motorcycle, and speed with emphasis on research and best practices. Training customers are NHTSA staff, State Highway Safety Office personnel, highway/traffic safety practitioners/stakeholders, and enforcement/justice services. Courses offered include the following:

- Data Analysis and Evaluation
- Highway Safety Program Management
- Impaired Driving
- Instructor Development Training Program
- Managing Federal Finances and Tracking Grants
- Motorcycle Safety Program Coordination
- Occupant Protection
- Safe Communities
- Speed 101
- Management Review
- Program Development

### **Traffic Injury Control Core Competencies**

In 2005, the NHTSA Office of Traffic Injury Control (TIC) established a Workforce Development Initiative Team to clearly define the core competencies (knowledge and skills) and staff development opportunities necessary to attract and maintain a knowledgeable, capable workforce. As a result of this endeavor, TIC has developed a core competency program to provide staff with a variety of staff development opportunities designed to increase their skills in five core competency areas—program administration, communications, management, research and evaluation, and technical leadership.

For further information on the TIC program:

Contact Chuck Rombro by email at: [chuck.rombro@dot.gov](mailto:chuck.rombro@dot.gov)

or by phone at: (202) 366-1855

### **Society of Hispanic Professional Engineers (SHPE) Internship Partnership**

NHTSA prioritizes the recruitment of a diverse workforce and celebrates the accomplishments of young engineers and future engineers. Internships are available each year through programs with local universities and high schools. A partnership with the Society of Hispanic Professional Engineers brought six different engineering students from around the country to summer internships with NHTSA over the past 2 years.

For further information on the SHPE Internship Partnership program:

Contact Kristin Kingsley by email at: [kristin.kingsley@dot.gov](mailto:kristin.kingsley@dot.gov)

or by phone at: (202) 366-5729

### **Johns Hopkins Center (JHC) for Injury Research and Policy Summer Institute**

Johns Hopkins University offers a 1-week summer course on the Principles & Practice of Injury Prevention and Control. The course covers topics such as epidemiology, intervention design, evaluation, policy, and dissemination. It is not focused solely on motor vehicle injuries, but covers all injuries. NHTSA staff has commonly participated in this program. For program staff, it provides an overview of the general principles of injury prevention, as well as insight into designing and evaluating interventions. For research office staff, the course provides a different perspective on intervention development, from a public health rather than a psychology point of view.

For further information on the JHC program:

Contact Maria Vegega by email at: [maria.vegega@dot.gov](mailto:maria.vegega@dot.gov)

or by phone at: (202) 366-2668

### **FIRST Robotics Competition (FRC)**

NHTSA is a proud participant in the FIRST Robotics competition, which encourages high school students to pursue science and engineering through the challenge of competition. Students learn both engineering and life skills working as a team to build a robot to compete at both the local and national level. NHTSA has mentored several DC-area high schools in the last 3 years.

For further information on the FRC program:

Contact Kristin Kingsley by email at: [kristin.kingsley@dot.gov](mailto:kristin.kingsley@dot.gov)

or by phone at: (202) 366-5729

### **NHTSA Academic Study Program Pilot**

The Academic Study Program Pilot (ASPP) is one of the primary education sources for NHTSA employees who are engaged in formal study disciplines relevant to the agency's programs and priorities. ASPP is designed to allow employees to pursue academic study and certification programs relevant to NHTSA's needs, aimed at enhancing employees' knowledge, skills, and abilities in order to make significant contributions to mission accomplishment and to attain organizational performance goals. This competitive program emphasizes academic study programs and coursework that demonstrate strong relevancy to addressing skill gap deficiencies and enhancing mission-critical core competencies development. Just in its second year of development, this evolving program is proving successful in incorporating Government-wide best practices and organizational lessons-learned in order to address the agency's performance management and succession planning needs.

### **Training Café Strategic Knowledge Management**

The newly created *Training Café* is a very important component of the agency's strategic knowledge management initiative. This forum was created to capture and transfer the invaluable knowledge of subject matter experts – who are both internal and external to the agency, by providing a vehicle to encourage the transfer of institutionalized knowledge, information, and relevant organizational processes and procedures to experienced and/or less experienced employees, including interns. The program's format is simulated in a relaxed café environment, encouraging employee engagement, knowledge sharing, and social networking opportunities.

### **Topical Information Program Sessions (TIPS)**

Topical Informational Program Sessions are human resources management mini informational briefings, designed to mostly target newly appointed, as well as seasoned supervisors and managers who are seeking an in-depth understanding of an HRM topic, process, and/or procedure such as staffing and hiring reform, position description construction, time and attendance data gathering, and human capital and training operations to name a few. TIPS are planned with the agency's leadership in mind, who are looking for informative, enriching, interactive professional developmental activities, but typically due to time restraints, has limited amount of time to attend a full blown 1 or multi-day workshop. These compacted sessions are scheduled in no more than 1 or 2 hour increments, but they provide a powerhouse of information and knowledge. TIPS was recently cited as a human capital development best practice by the Training Officer Consortium (TOC), a nonprofit organization of Federal trainers and other professionals from industry and academy who are interested in contributing to the knowledge and practice of human resources and training.

For information pertaining to NHTSA OHR programs:  
Contact Nadra Milan-Dunbar by email at: [nadra.milan-dunbar@dot.gov](mailto:nadra.milan-dunbar@dot.gov).  
or by phone at: (202) 366-2613

## Federal Motor Carrier Safety Administrations (FMCSA)

The Federal Motor Carrier Safety Administration's (FMCSA) National Training Center (NTC) serves as the national focal point for the development and delivery of motor carrier safety training to enhance the capabilities of participating Federal, State, and local government

officials. The NTC provides training programs on commercial vehicle and driver inspection, hazardous cargo inspections, drug interdiction, intelligent transportation systems, regulatory compliance and enforcement, highway safety, education and outreach, and program management and support. This training is crucial to ensuring that highly skilled law enforcement and commercial motor vehicle professionals are prepared to protect the public by reducing the frequency and the severity of crashes and hazardous materials incidents. The NTC provides a series of diverse courses which train more than 12,000 individuals annually, advocate for training standardization, and quickly develop training for Federal and State personnel when significant rulemaking changes to safety practices are implemented.

Professional and career development training is another NTC responsibility to improve FMCSA employees' skills and abilities for the benefit of FMCSA in areas such as leadership and other job-related skills. The NTC Professional and Leadership Development Program provides a wide variety of resources for employees to prepare for future learning and growth. A new set of formalized programs have been developed after assessing the best practices in leadership development, curriculum, programs, and processes currently available within FMCSA, DOT, and other governmental and non-governmental providers.

For further information on the FMCSA NTC program:  
Contact by email: [MCNTCOffical@dot.gov](mailto:MCNTCOffical@dot.gov)  
or phone at: (703) 235-0501  
or visit: <http://www.fmcsa.dot.gov/ntc>

## *Office of Secretary of Transportation (OST)*

### **Office of the General Counsel, Volunteer Legal Internships**

Under the OST, the Office of the General Counsel offers unpaid legal internship opportunities year-round to law students in several of its offices. The internship positions may be with or without academic credit. Volunteer Legal Internships are offered in the following offices:

- **Office of International Law**

To get more information:

Contact Joseph Brooks by email at: [joe.brooks@dot.gov](mailto:joe.brooks@dot.gov)

or by phone at: (202) 366-2972

or visit: <http://www.dot.gov/ost/ogc/org/interns.html>

- **Office of Aviation Enforcement and Proceedings**

To get more information:

Contact Dayton Lehman by email at: [dayton.lehman@dot.gov](mailto:dayton.lehman@dot.gov)

or by phone at: (202) 366-9342

or visit: <http://www.dot.gov/ost/ogc/org/interns.html>

- **Center for Alternative Dispute Resolution**

To get more information:

Contact Fern Kaufman by email at: [fern.kaufman@dot.gov](mailto:fern.kaufman@dot.gov)

or by phone at (202) 366-8067

or visit: <http://www.dot.gov/ost/ogc/org/interns.html>

- **Office of Environmental, Civil Rights, and General Law**

To get more information:

Contact James Dann by email at: [james.dann@dot.gov](mailto:james.dann@dot.gov)

or by phone at: (202) 366-9155

or visit: <http://www.dot.gov/ost/ogc/org/general/index.html>

- **Office of Litigation**

To get more information:

Contact Mary F. Whithum by email at: [mary.whithum@dot.gov](mailto:mary.whithum@dot.gov)

or by phone at: (202) 366-4731

or visit: <http://www.dot.gov/ost/ogc/org/interns.html>

- **Office of Legislation**

To get more information:

Contact Jane DeCell by email at: [jane.DeCell@dot.gov](mailto:jane.DeCell@dot.gov)

or by phone at: (202) 366-4687

or visit: <http://www.dot.gov/ost/ogc/org/legislation/index.html>

- **Office of Regulation and Enforcement**

To get more information:

Contact Robert Ashby by email at: [robert.ashby@dot.gov](mailto:robert.ashby@dot.gov)

or by phone at: (202) 366-4723

or visit: <http://regs.dot.gov/>

To get more general information:

Contact Mary Kay Langan-Feirson by email at: [marykay.langan-feirson@dot.gov](mailto:marykay.langan-feirson@dot.gov)

or by phone at: (202) 366-9147

or visit: <http://www.dot.gov/ost/ogc/org/interns.html>

### **Office of Hearings, Volunteer Legal Internships**

Under the OST, the Office of Hearings offers year round internship opportunities for law students that have completed at least one year of law school. Selected students are given the opportunity to work closely with individual OST judges, gain valuable work experience, and have flexible work schedules. The internship positions may be with or without academic credit. To apply, students are required to submit a résumé, grade transcript, and a writing sample.



To get more information:

Contact Honorable Ronnie A. Yoder by email at: [ronnie.yoder@dot.gov](mailto:ronnie.yoder@dot.gov)

or by phone at: (202) 366-2137

or visit:

[http://www.dot.gov/ost/hearings/Volunteer\\_Legal\\_Internships/volunteer\\_legal\\_internships.html](http://www.dot.gov/ost/hearings/Volunteer_Legal_Internships/volunteer_legal_internships.html)

### **Honors Attorney Program**

The Honors Attorney Program is administered by the Office of the General Counsel under OST. This program provides Law graduates the opportunity to learn about the Department's diverse law practice. This program begins in even numbered years and lasts for 2 years. To be eligible, individuals must be Law school graduates or have completed a judicial clerkship before the next program period begins. Selected participants rotate every four months to different Chief Counsel Offices to obtain new assignments and gain exposure to the spectrum of legal fields. Honors Attorneys may do rotations in the Office of the General Counsel, Federal Aviation Administration, Federal Highway Administration, Federal Motor Carrier Safety Administration, Federal Railroad Administration, Federal Transit Administration, National Highway Traffic Safety Administration, Office of the Inspector General, and the Pipeline and Hazardous Materials Safety Administration. In addition, participants make on site trips and have lunch meetings weekly to gain exposure to the different aspects of the transportation community. Upon completion of one year, participants are eligible to become permanent employees. Benefits of the program include transit benefits, annual and sick leave, health insurance, thrift savings plan, special discounts, and Federal Employees Retirement System. Law graduates do not have to be U.S. Citizens to be eligible for this program.

To learn more about the Honors Attorney Program:

Contact Jennifer Thibodeau by email at: [honors.attorney@dot.gov](mailto:honors.attorney@dot.gov)

or by phone at: (202) 366-9188

or visit: <http://www.dot.gov/ost/ogc/HONORS>

### **Office of Small and Disadvantaged Business Utilization (OSDBU)**

The mission of OSDBU at DOT is to ensure that the small and disadvantaged business policies and goals of the Secretary of Transportation are developed and implemented in a fair, efficient and effective manner to serve small and disadvantaged businesses throughout the country.

- **Small Business Transportation Resource Center Program**

The Regional Partnerships Division of OSDBU, through the small Business Transportation Resource Center (SBTRC) program, allows OSDBU to partner with local organizations to offer a comprehensive delivery system of business training, technical assistance, and dissemination of information, targeted towards small business transportation enterprises in their regions. The national SBTRC program utilizes Cooperative Agreements with chambers of commerce, trade associations, educational institutions, and business centered community based organizations to establish SBTRCs to provide business training, technical assistance, and information to DOT grantees and recipients, prime contractors, and subcontractors.

For further information on the program:

Contact Arthur D. Jackson by email at: [art.jackson@dot.gov](mailto:art.jackson@dot.gov)

or by phone at: 1-866-928-6289

or visit <http://www.osdbu.dot.gov/regional/index.cfm>



- **Entrepreneurial Training Women and Girls Internship Program**

On September 21, 2009, U.S. Secretary of Transportation Ray LaHood announced the "Pilot Entrepreneurial Training and Technical Assistance Women and Girls Program," a partnership with Spelman College in Atlanta, GA, U.S.DOT, and the White House, created to encourage girls to pursue careers in science, engineering, and technology and help women enter the field of transportation. The program is part of a broader effort led by the White House to ensure that Federal programs and policies take into account the distinct needs and concerns of women and girls.

Based on the successful pilot program with Spelman College Secretary LaHood announced on July 26, 2010, the expansion of the internship program to encourage more young women to pursue careers in transportation. The program has now expanded nationally, enabling young women from colleges and universities across the country to participate. It will be administered through the Department's 11 Small Business Transportation Resource Centers. These Centers, spread throughout the Nation, provide resources, technical assistance, and outreach to all 50 States and U.S. territories. Each Center will be responsible for placing qualified female college students in transportation related internships in its region.

To learn more about the Women and Girls program:  
Contact Edward Cafiero by email at: [edward.cafiero.ctr@dot.gov](mailto:edward.cafiero.ctr@dot.gov)  
or by phone at (202) 493-0347  
or visit: <http://osdbu.dot.gov/WG/>

## *DOT Joint Programs*

### **Transportation Planning Capacity Building (TPCB) Program**

The Transportation Planning Capacity Building Program (TPCB) is designed to help decision-makers, transportation officials, and staff resolve the increasingly complex issues they face when addressing the transportation needs of their areas. The Transportation Planning Capacity Building (TPCB) Program promotes training in a broad range of transportation planning subjects. This comprehensive program for training, technical assistance, and support is targeted to State, local, regional, and tribal governments, transit operators, and community leaders. The TPCB program is a collaborative effort between the Federal Transit Administration and Federal Highway Administration, and a number of other organizations. Broadly speaking, it exists to help State and local transportation staff meet their complex political, social, economic, and environmental demands. On a practical level, the TPCB program provides information, training, and technical assistance to help transportation officials create plans and programs that respond to the needs of the many users of their local transportation systems.

To learn more about the TPCB program:  
Contact Kimberly Goins by email at: [kimberly.goins@dot.gov](mailto:kimberly.goins@dot.gov)  
or by phone at: (202) 366-8522  
or visit: <http://www.planning.dot.gov>

### **Travel Model Improvement Program (TMIP)**

TMIP provides numerous services focused on improving traffic analysis and travel modeling techniques to support planning agencies. Services provided include seminars and training on a variety of transportation planning analysis topics, such as data collection and analysis methods,

land use forecasting, travel demand forecasting, and mobile source emission estimation. TMIP also provides an email list and information clearinghouse for travel forecasters and a mentoring program for new modelers. Visit <http://tmip.fhwa.dot.gov/resources> for information on TMIP resources.

To learn more about TMIP:

Contact Sarah Sun by email at: [sarah.sun@dot.gov](mailto:sarah.sun@dot.gov)

or by phone at: (202) 493-0071

or refer to: [http://tmip.fhwa.dot.gov/contact\\_us/staff.htm](http://tmip.fhwa.dot.gov/contact_us/staff.htm) for other available contact listings

or visit: <http://tmip.fhwa.dot.gov/> for further information on TMIP and TMIP activities

# Professional Organizations/Associations Programs

## *American Road & Transportation Builders Association (ARTBA)*

**ARTBA** is a national federation of private firms, public agencies and associations that was established in 1902. With its headquarters located in Washington, D.C., ARTBA's primary goal is to aggressively and progressively advocate Federal investment to continue in the development of the Nation's transportation infrastructure. ARTBA was founded by Horatio Earle, President of the League of American Wheelmen, who promoted an association of road builders in 1901. This resulted in the establishment of the first road builders association called the American Road Makers (ARM) in 1902. It was later renamed the American Road Builders Association (ARBA) in 1910 and again renamed ARTBA in 1977. With ARTBA's rich history, it has established itself as an effective organization supporting and promoting investment in the Nation's transportation system. As a result, ARTBA has established many programs and services to help in promoting transportation. These programs and services are listed below.

- **ARTBA's Transportation Construction Safety Program** provides numerous resources to assist the transportation construction industry with their safety needs. ARTBA develops and presents course materials and offers many training programs free of charge with grants from Federal agencies.

To learn more about the Transportation Construction Safety Program:

Contact Jerry Teeler by email at: [jteeler@artba.org](mailto:jteeler@artba.org)

or by phone at: (202) 289-4434 x503

or visit: <http://www.artba.org/safety/training--professional-development/>

- **ARTBA's Safety Training and Audits** provides training to professionals in transportation construction in a variety of safety topics such as managing safety for profitability, safety benchmarking, conducting internal safety audits, crisis management, overview on *the Manual on Uniform Traffic Control Devices* (MUTCD) and Temporary Traffic Control, and night-time construction challenges. Training is provided by leading industry safety experts in one location and also includes onsite visits to network with key officials at Occupational Safety and Health Administration (OSHA) and Federal Highway Administration (FHWA).

To get more information:

Contact Jerry Teeler by email at: [jteeler@artba.org](mailto:jteeler@artba.org)

or by phone at (202) 289-4434 x 503

or visit: <http://www.artba.org/safety/training--professional-development/>

- **Safety Management Professional Development Section (PDS)** is designed to connect safety professionals in the transportation construction industry and assist in sharing information and best practices. Under PDS, ARTBA offers numerous beneficial services to transportation construction safety professionals, including the Safety Management Listserv—a group e-mail discussion service that gives transportation construction industry safety professionals the chance to network and share best practices, techniques, and suggestions. Another service is the national safety awards program that recognizes public and private transportation construction organizations, which have achieved outstanding safety performance. Other services include informative educational

seminars, award winning training materials, *Transportation Builder*<sup>®</sup> magazine, discounts on training, and more.

To get more information:

Contact Brad Sant by email at: [bsant@artba.org](mailto:bsant@artba.org)

or by phone at: (202) 289-4434 x309

or visit <http://www.artba.org/safety/committees--advisory-councils/>

- ***It's Our Future!***<sup>™</sup> **Campaign** is a communication and workforce development initiative to enhance the transportation industry's image. One of many components of the "It's Our Future!"<sup>™</sup> Campaign is the workforce development component aimed at establishing transportation organizations as the first choice of employment opportunities for the Nation's talented graduating students. For this component of the campaign, ARTBA continues to direct efforts at advertising an on-going industry image campaign to college students by using on-campus sources and the Internet. Other efforts include Web-based tool kits that help professional organizations customize materials useful for job fairs, outreach to high school and college career counselors, and media relations programs that ensure transportation design and construction are included as desirable job markets in new stories, annual reports, and listings.

To get more information:

Contact Jeff Solsby by email at: [jsolsby@artba.org](mailto:jsolsby@artba.org)

or by phone at: (202) 289-4434 x 105

or visit: <http://www.artba.org/about/transportation-development-foundation/its-our-future/>

- **On Demand Webinars**

On-Demand & Online Sessions Provide Industry Executives with Latest Market Intelligence & Professional Training Skills. Courses are wide ranging and have included topics related to work zone safety, contractor risk, dispute resolution, risk management, environmental legal issues, communications, legislative issues and pedestrian safety.

To get more information:

Contact Jim Colleton by email at: [jcolleton@artba.org](mailto:jcolleton@artba.org)

or by phone at: (202) 289-4434 x 301

or visit: <http://www.artba.org/news--events/artba-webinars/>

- **Transportation Builder Institute (TBI)** provides custom professional development programs for the transportation construction industry through management academies and training programs. Academies and programs included are the *Management Crucible*<sup>™</sup>, Project Management Academies, P3<sup>®</sup> Scheduling Academy, Safety Supervisors Advancement Academy, and Safety Academy.
  - **TBI's *Management Crucible***<sup>™</sup> is a training academy located in Washington, D.C. for transportation construction executives, managers, and senior engineers that focuses on Finance and Accounting, Business Operations, Management and Leadership, Planning, and Strategy. The academy costs \$2,995 and is built specifically for transportation construction managers and executives who are looking to gain a beneficial education that will help to excel themselves as business

leaders. Participants will also earn 36 Professional Development Hours from completing the course.

To get more information:

Contact Laura Spitz by email at: [lspitz@artba.org](mailto:lspitz@artba.org)

or by phone at: (202) 289-4434 x 304

or visit: <http://www.artba.org/about/transportation-development-foundation/transportation-builder-institute/management-crucible/>

- **TBI's Project Management Academies** provide opportunities for industry project managers to learn practical management theory and principles. This program features the Foundation Project Management Academy intended for new project managers with less than 3 years experience. The program also features the Advanced Project Management Academy for experienced professionals with three or more years of experience wanting to improve their management skills. Participants will also earn 36 Professional Development Hours from completing the course.

To get more information:

Contact Laura Spitz by email at: [lspitz@artba.org](mailto:lspitz@artba.org)

or by phone at: (202) 289-4434 x 304

or visit: <http://www.artba.org/about/transportation-development-foundation/transportation-builder-institute/project-management-academy/>

- **TBI's P3<sup>®</sup> Scheduling Academy** is a three day course designed to teach professionals in transportation construction advanced effective scheduling methodologies and provide hands on experience with Primavera Project Planner (P3<sup>®</sup>). Academy attendees will learn key management skills that will allow them to effectively allocate resources and build project schedule from conception to completion. Participants will also earn 20 Professional Development hours from completing the course.

To get more information:

Contact Laura Spitz by email at: [lspitz@artba.org](mailto:lspitz@artba.org)

or by phone at: (202) 289-4434 x 304

or visit: <http://www.artba.org/about/transportation-development-foundation/transportation-builder-institute/p3-scheduling-academy/>

- **TBI's Safety Advancement Academy** provides skills, training, and information to improve safety as well as profitability on roadway construction sites. Safety employees and other members of management teams are encouraged to participate in the program, which is based on an acknowledged adult learning model. Participants learn through discussions, evening exercises, peer activities, and focus groups. Academy attendees also have the opportunity to receive certification and training all in one place. Participants will also earn 40 Professional Development hours from completing the course.

To get more information:

Contact Brad Sant by email at: [bsant@artba.org](mailto:bsant@artba.org)

or by phone at: (202) 289-4434 x 309

or visit: <http://www.artba.org/about/transportation-development-foundation/transportation-builder-institute/>

To learn more about TBI:

Contact Laura Spitz by email at: [lspitz@artba.org](mailto:lspitz@artba.org)

or by phone at: (202) 289-4434 x 304

or visit: <http://www.artba.org/about/transportation-development-foundation/transportation-builder-institute/>

- **Young Executive Development Program (YEDP)** provides training and development to future leaders of the transportation construction industry through an intensive 3-day overview of the legislative and regulatory process associated with the transportation construction industry. Program features include seminars on the Congressional legislative, budget, and appropriations processes, and the opportunity for each participant to meet with his/her Congressman or Senator.

To learn more about YEDP:

Contact Jeff Solsby by email at: [jsolsby@artba.org](mailto:jsolsby@artba.org)

or by phone at: (202) 289-4434 x 105

or visit: <http://www.artba.org/about/transportation-development-foundation/young-executive-development-program/>

- **Young Executive Leadership Council (YELC)** provides opportunities for young professionals in the transportation construction industry, such as opportunities to earn professional development hours, network with peer industry leaders, and develop and exercise leadership skills. The mission of the program is to advance young executive leaders in the industry and to provide a young executive perspective in ARTBA's policies.

To learn more about YELC:

Contact Alison Premo Black by email at: [ablack@artba.org](mailto:ablack@artba.org)

or by phone at: (202) 289-4434 x 409

or visit: <http://www.artba.org/about/young-executive-leadership-council/>

- **Transportation Career Center Web page** provides on-line opportunities for individuals interested in the transportation construction industry. The Web page contains opportunities for individuals seeking employment positions to post résumés, view job opportunities, and create job alerts. The Web page also gives opportunities for employers to view résumés, post jobs, and more.

To get more information:

Visit [http://www.jobtarget.com/home/index.cfm?site\\_id=209](http://www.jobtarget.com/home/index.cfm?site_id=209)

- **National Work Zone Safety Information Clearinghouse (NWZSIC)** is a “cyber library” that provides comprehensive information resource on roadway construction zone safety. It provides free information on accident and crash data, latest technologies and

equipment, best practices, key safety engineer contact information, laws and regulations, worker safety training materials, research and publications, public education campaigns, Spanish language materials, and educational materials for new drivers. It is a project of the ARTBA Transportation Development Foundation. It is operated in cooperation with the Federal Highway Administration and Texas Transportation Institute.

To get more information:

Contact Lisa Kelley McCluskey by email at: [lmcccluskey@artba.org](mailto:lmcccluskey@artba.org)

or by phone at (202) 289-4434 x408

or contact a program specialist by phone at: (888) 447-5556

or visit: <http://www.artba.org/safety/work-zone-safety-clearinghouse/>

- **The Lanford Family Highway Worker Memorial Scholarship Program** was established in 1999 and provides post-high school financial assistance to help the sons, daughters or legally adopted children of highway workers killed or permanently disabled on the job.

To get more information:

<http://www.artba.org/about/transportation-development-foundation/awards--scholarships/>

To learn more about ARTBA:

Contact Brad Sant by email at: [bsant@artba.org](mailto:bsant@artba.org)

or by phone at: (202) 289-4434

or visit: <http://www.artba.org/>

## *American Association of State Highway and Transportation Officials (AASHTO)*

**AASHTO** is a nonprofit, nonpartisan association with the mission of advocating transportation policies and providing technical service to highway and transportation departments in all modes of transportation. To meet its mission, AASHTO continues in its efforts to reestablish transportation as a national priority, provide excellent technical service, assist State DOTs, and more. As a result, AASHTO continues to establish numerous programs and services, provide several resources useful for transportation organizations, announce, and promote training opportunities, provide training products, establish Web pages as one-stop online information centers, provide accreditation programs, and more. AASHTO also offers the following outreach services:

- **Transportation and Civil Engineering (TRAC) Program** provides hands-on education in science, math, social science, and technology education classes for students' grades five through twelve, which inspires students to pursue careers in transportation. The TRAC program engages students in real world problems by sending professionally developed transportation curriculum in the form of TRAC PACs to participating schools. Each TRAC PAC meets national standards of learning, and includes equipment, software, and supplies for hands-on activities related to various transportation topics and disciplines. The TRAC PACs include a teacher reference guide, a volunteer guidebook, a student guidebook, and a QuickTime™ movie to help students and teachers understand how each activity works. The TRAC Program also sends trained volunteer mentors who



are experts in transportation and civil engineering to advise teachers and answer questions students have regarding transportation careers.

To learn more about the TRAC Program:

Contact Tequamech Tadesse by email at: [ttadesse@aaashto.org](mailto:ttadesse@aaashto.org)

or by phone at: (202)-624-3624

or visit: <http://www.trac.net>

- **Employment Opportunity Web page** that lists job opportunities in transportation disciplines for individuals free of charge. The Web page also provides opportunities for AASHTO Members, State DOTs, and regional transportation associations to post listings free of charge.

To get more information:

Contact David Dubov by email at: [ddubov@aaashto.org](mailto:ddubov@aaashto.org)

or by phone at: (202) 624-3679

or visit: <http://transportation1.org/employmentopps/>

To learn more about AASHTO:

Contact an AASHTO representative by email at: [info@aaashto.org](mailto:info@aaashto.org)

or by phone at: (202) 624-5800

or visit: <http://www.transportation.org/>

## *Eno Transportation Foundation*

**The Eno Transportation Foundation**, founded in 1921, focuses on cultivating visionary leadership for all modes of the transportation sector. This non-profit foundation was named after William Phelps Eno (1859-1945), who promoted the acceptance of traffic control as a critical safe mobility measure to the Government and the traffic engineering discipline. To achieve its goals, the foundation supports several activities including professional development programs. The purpose of the professional development programs is to prepare the transportation workforce with the skill needed to maintain and run the transportation system. Eno administers the following major programs:

- **Eno Center for Transit Leadership (CTL) Executive Development Program** prepares senior-level managers in the public transit industry with skills needed for their current or upcoming job position. The program consists of a week-long intensive course held twice a year in two different cities taught by veteran transit leaders. The course curriculum was developed by the Eno Foundation, Barbara K. Gannon—a training course expert with more than 25 years of experience—American Public Transportation Association (APTA), Federal Transit Administration (FTA), and the Transit Cooperative Research Program (TCRP) of the Transportation Research Board (TRB).

To get more information:

Contact Dr. Barbara K. Gannon at [bgannon@enotrans.com](mailto:bgannon@enotrans.com)

or by phone at: ( 978) 281-6512.

or visit: <http://www.enotrans.com> (Center for Transportation Leadership)

- **Eno Leadership Development Program** provides annually 20 of the Nation's top graduate students a chance to experience first-hand how national transportation policies are developed. **Candidates must be Graduate-level students pursuing a masters or doctoral degree.** Selected students, "Eno Fellows," travel to Washington, D.C. for a week to meet and discuss with Federal officials and leaders of transportation related business and non-profit organizations.

To learn more about Eno's Leadership Development Program:

Contact Lindsey Robertson at: [lrobertson@enotrans.com](mailto:lrobertson@enotrans.com)

or by phone at: (202) 879-4714.

or visit: <http://www.enotrans.com> (education programs)

- **International Transit Studies Program** enhances the professional development and global understanding of U.S. transit managers by providing them opportunities to learn about innovative practices in transit operations overseas. The program is sponsored by the Transit Cooperative Research Program (TCRP) of the Transportation Research Board (TRB), funded by Federal Transit Administration (FTA), and managed by the Eno Transportation Foundation. Each year, two international study missions are planned to focus on a particular area of interest or concern. Approximately twelve transit managers, representing local, State and regional transit organizations across the country, are competitively selected to travel on each mission. They are led by a prominent agency general manager, also competitively selected, to one or more countries to learn about how officials in those areas are addressing the mission topic. After the trip, team members write about their experiences and knowledge gained, and the reports are integrated into a single document published by TCRP for the benefit of the transit industry overall. As of late 2009, a total of 28 missions had been conducted, and more than 400 transit managers had participated.

To learn more about Eno's International Transit Studies Program:

Contact Gwen Chisholm Smith by email at: [gsmith@nas.edu](mailto:gsmith@nas.edu)

or by phone at: (202) 334-3246

or visit <http://www.enotrans.com>

or visit: <http://tcrpstudymissions.com/index.html>

- **National Park Transportation Scholars Program** places transportation professionals, master's and doctoral students in transportation disciplines at National Parks to develop transportation solutions. The program is supported by the Ford Motor Company, the National Park Foundation, the National Park Service, and the Eno Transportation Foundation. Participants help Park Service Staff in developing solutions which preserve and enhance the National Park. The program begins early summer and ranges from 3 to 12 months. Projects can involve transportation planning and analysis, coordination with local communities, environmental and traffic studies, and other transportation-related tasks. A stipend of up to \$50,000 per year is provided to participants.

To learn more about the National Park Transportation Scholars Program:

Contact Dr. Barbara K. Gannon at: [bgannon@enotrans.com](mailto:bgannon@enotrans.com)

or by phone at: (978) 281-6512.

or visit: <http://www.enotrans.com> (education programs)

To learn more about the Eno Transportation Foundation:

Contact an Eno Transportation Foundation representative by phone at: (202) 879-4700

or visit: <http://www.enotrans.com>

## *Institute of Transportation Engineers (ITE)*

Founded in 1930, **ITE** is a community of transportation professionals with nearly 17,000 members from more than 92 countries. ITE is an international educational and scientific association that focuses on meeting transportation mobility and safety needs through research, planning, functional design, implementation, operation, policy development and management for any mode of transportation. With more than 70 local and regional chapters and more than 90 student chapters, ITE also provides additional opportunities for information exchange, participation and networking. ITE contains the following education, training, professional development, and outreach programs and resources:

- **Continuing Education and Training** opportunities are offered through a broad range of professional development activities to keep transportation professionals on the cutting edge of the industry. ITE provides training opportunities to those striving to be more knowledgeable and productive in their career advancement and better equipped to address transportation issues in their communities. ITE programs support maintenance of professional competency, and meet many State/provincial registration board requirements for P.E./P. Eng. licensure and Professional Traffic Operations Engineer™ (PTOE), Traffic Signal Operations Specialist™ (TSOS), and Professional Transportation Planner™ (PTP) renewals.

Flexible and affordable course options are available to accommodate myriad schedules and budgets including online learning, Web seminars/briefings, classroom seminars and one-hour CD-ROM training modules. ITE has been approved as an authorized provider by the International Association for Continuing Education and Training (IACET), 8405 Greensboro Drive, Suite 800, McLean, VA 22102. ITE offers the following continuing education and training opportunities:

- **Courses on CD-ROM** on a variety of transportation topics that may be used for self instruction composed of a PowerPoint presentation, instructor's notes, supplementary materials, sign-in sheet, evaluation form, Instruction Guidelines, and instructions for earning Professional Development Hours (PDH) or IACET Continuing Education Units (CEU). The CD-ROM catalogue also includes recordings of Web briefings.

To get more information:

Visit: <http://www.ite.org/education/CDROM.asp>

- **Online Learning Gateway** provides accessible, convenient, and affordable online learning opportunities for transportation professionals to upgrade skills, learn new information, and earn PDH. The online courses offered by ITE are interactive and focus on a variety of transportation topics that combine skill based knowledge with practical applications and examples. Participants can access the online courses 24-hours-a-day from any location.

To get more information:

Visit: <http://www.ite.org/education/olg.asp>

- **Web Seminars and Web Briefings** are offered on variety of technical and career development topics, including refresher courses for the certification exams for the following programs:

- Professional Traffic Operations Engineer™ (PTOE)
- Traffic Signal Operations Specialist™ (TSOS)
- Professional Transportation Planner™ (PTP)

To get more information:

Visit: <http://www.ite.org/education/webinars.asp>

- **Classroom Seminars** are held at ITE Technical Conference and Exhibits, and Annual Meetings and Exhibits and in partnership with ITE Districts, Federal and local government agencies, and special interest groups. ITE also provides the opportunity for transportation professionals to host a seminar in their region.

To get more information:

Visit: <http://www.ite.org/education/classroom.asp>

To learn more about ITE's Continuing Education and Training:

Contact a program representative by email at: [pdinfo@ite.org](mailto:pdinfo@ite.org)

or visit: <http://www.ite.org/education/clearinghouse/>

- **ITE Technical Councils** serve as forums to define issues, develop solutions and conduct activities that include developing standards and recommended practices, informational reports, handbooks, conferences, sessions for meetings, seminars, issue briefings, awards, ITE position statements, and newsletters. Members of Councils receive newsletters and special mailings that cover emerging trends, proposed legislation, and regulation. Members also have the opportunity to participate in Internet discussion groups and other activities. Nearly 4,300 members of ITE are on the leading edge of issues through their membership in a special interest council.
- **The Transportation Education Council** provides a focal point for identifying and addressing emerging and evolving needs of educational institutions. Membership in this Council comprises a cooperative alliance of administrators, faculty, researchers, professional trainers, practitioners, students, and others interested in actively pursuing initiatives that will lead to greater involvement in ITE and the profession.

To learn more about the Transportation Education Council:

Visit: <http://www.ite.org/councils/Education/index.asp>

To learn more about ITE Councils:

Visit: <http://www.ite.org/councils/index.asp>

- **Professional Competency Record Keeping System** is a tool provided by ITE, which conforms to the guidelines set forth by the National Council of Examiners for

Engineering and Surveying to help transportation professionals keep track of credits earned. The Record Keeping System relieves transportation professionals from the responsibility of maintaining records of professional competency requirements for licensures or certification renewals. Additionally, units of activities entered in a log are converted into PDH.

To get more information:

Visit: <http://www.ite.org/pdrks/default.asp>

- **Awards and Scholarships/Fellowships** are offered by ITE and its Districts/Sections and Chapters to honor outstanding achievement in transportation and distinguished service to ITE.

To get more information:

Visit: <http://www.ite.org/awards/index.asp>

- **ITE Employment Center** contains opportunities for individuals seeking employment to post résumés and conduct job searches in the transportation industry. The Center also gives opportunities for employers to view résumés, post jobs, and more.

To get more information:

Visit: <http://jobs.ite.org/>

- **Transportation Professional Certification Board Inc.™ (TPCB)** is an autonomous certification body affiliated with ITE that offers the following certification programs: Professional Traffic Operations Engineer™ (PTOE), Professional Transportation Planner™ (PTP), and Traffic Signal Operations Specialist™ (TSOS). Training to support continuing education requirements of TPCB's certification programs is available via ITE professional development program.

To learn more about TPCB certification:

Visit: <http://www.tpcb.org/>

To learn more about ITE:

Contact an ITE representative by email at: [ite\\_staff@ite.org](mailto:ite_staff@ite.org)

or by phone at: (202) 289-0222

or visit: <http://www.ite.org/>

## *American Society of Civil Engineers (ASCE)*

**ASCE** was founded in 1852 to advance the art, science, engineering profession, and civil engineering practice and encourage greater information sharing among civil engineers. ASCE is America's oldest national engineering society that represents more than 133,000 members of the civil engineering profession worldwide. Currently more than 16,000 ASCE members reside outside the United States. ASCE has the following workforce development programs:

- **Continuing Education Services** that have provided top quality education for civil engineers and related professionals for more than 33 years. ASCE offers the following education services:

- **Seminars** are provided on a wide variety of technical, management, and regulatory topics held in more than 45 cities across the United States.

To get more information:

Visit: <http://www.asce.org/ProgramProductLine.aspx?id=87>

- **Live, Interactive Web Seminars** are provided on a wide variety of engineering topics, which are convenient for individuals unable to make travel accommodations.

To get more information:

Visit: <http://www.asce.org/ProgramProductLine.aspx?id=87>

- **Distance Learning** is provided to individuals in the form of interactive Web/teleconference seminars, online courses, and courses on CD, videotape, and audiotape on a variety of engineering topics.

To get more information:

Visit: <http://www.asce.org/ProgramProductLine.aspx?id=87>

- **Onsite Training** that provides professional instruction in project specific technical training or strategic critical skills. Onsite Training is designed to meet the goals and objectives of the organization.

To get more information:

Contact John Wyrick by email at: [jwyrick@asce.org](mailto:jwyrick@asce.org)

or by phone at: (703) 295-6184

or visit: <http://www.asce.org/ProgramProductLine.aspx?id=87>

- **P.E./F.E. Exam Review** services are provided by ASCE to help individuals prepare for the Principles and Practice of Engineering (P.E.) and Fundamentals of Engineering (F.E.) exams. ASCE offers a P.E. Exam Review Course on the Web taught by a team of experienced P.E. Exam Review instructors. ASCE also offers P.E. Exam and F.E. Exam Review Self-Paced Courses.

To get more information:

Visit: <http://www.asce.org/conted/distancelearning/peexamreview.cfm>

- **Structural I P.E. Exam Review** is a special Live Interactive Web Seminar taught by experienced structural engineers who have experience with professional seminars and workshops designed to prepare candidates for the Structures I Exam.

To get more information:

Visit: <http://www.asce.org/Content.aspx?id=89>

- **Test Preparation Course Savings** provided through a partnership with Kaplan allow ASCE members to receive a 10 percent discount on all Kaplan exam preparation materials for the F.E. and the P.E. ASCE members and their immediate families can also save \$50 on all GMAT, GRE, LSAT, and SAT Classroom Courses, Premium Online Courses, or Private Tutoring Programs.

To get more information:

Contact a program specialist by phone at: 1-800-KAP-TEST  
or visit: <http://www.asce.org/Content.aspx?id=91>

- **Online University Degree and Certificate Programs** allow individuals to earn degrees and certificates online or access eLearning Programs from several universities. In addition, ASCE members receive discounts and tuition benefits through ASCE's relationships with these universities.

To get more information:

Visit: <http://www.asce.org/Content.aspx?id=2147488014>

To learn more about ASCE's Continuing Education Services:

Visit: <http://www.asce.org/conted/>

- **Contests, Competitions, and Resources** are promoted by ASCE to encourage students to explore engineering as a career choice and to help teachers engage students of all levels into the engineering discipline. ASCE promotes the following contests, competitions, and teaching resources on their Web site:
  - **West Point Bridge Design Contest** sponsored by ASCE is designed for all U.S. students, 13-years-old through high school graduates, interested in civil engineering, math, science, and technology to compete individually or in teams of two to determine "who is the next great bridge designer." Participants get the opportunity to bring their creative ideas to life by using West Point's award winning bridge design software. Participants benefit by getting a realistic, hands-on introduction to engineering design, and winners of the contest receive national recognition.

To get more information:

Contact a program specialist by email at: [wpbedc@usma.edu](mailto:wpbedc@usma.edu)  
or visit: <http://bridgecontest.usma.edu/>

- **The National Engineers Week Future City Competition** is a fun and stimulating engineering program designed for seventh and eighth grade students promoted by ASCE. The competition gives students the opportunity to participate in a stimulating engineering challenge with a "hands-on" application to present their vision of a city of the future. Participants of the competition learn many skills including writing, public speaking, teamwork, time management, problem solving, and new computer skills.

To get more information:

Contact Bill Knight by email at: [bknight@futurecity.org](mailto:bknight@futurecity.org)  
or visit: <http://www.futurecity.org/> or <http://www.eweek.org>

- **ZOOM into Engineering** is an innovative program promoted by ASCE to help teachers engage students grades K-5 to learn how engineering is important to their lives. This program allows kids to conduct fun and challenging activities and to explore basic math and science concepts needed to build a strong basis of engineering knowledge.



To get more information:

Contact a program specialist by email at: [outreach@asce.org](mailto:outreach@asce.org)

or by phone at: (800) 548-2723

or visit: <http://content.asce.org/asceville/resources.html>

- **Building Big** is an outreach initiative sponsored by ASCE to make resources and training material readily available to members and individuals. The Building Big program has the following outreach initiatives:
  - **BUILDING BIG™** which is a five-part series on civil engineering that aired on PBS during Fall 2000. The series focused on the inner workings of big structures including bridges and how they are built. The five-part series is available through ASCE.
  - **Activity Hours** is a fun way to get individuals with interesting, creative, and related jobs to be part of the BUILDING BIG outreach initiative. Individuals can visit a school classroom or after-school program to share with children experiences and challenges of engineering.
  - **Local Wonders** is a two- to four-week period designated for kids to work with an engineer to select and investigate an interesting local structure. The program is a fun way for kids to learn about civil engineering and engage students to the relevance of civil engineering in their daily lives. After investigating their Local Wonder, students have the opportunity to submit writing, photographs, and drawings about their Local Wonder to the BUILDING BIG Web site. Additionally, selected writing is published on the Web site.
  - **Build-A-Thons** are fun and informal one-day events that provide children and their families an opportunity to explore engineering. The program allows participants to explore the challenges of building big structures through hands-on activities, interactive videos, and Internet stations.
  - **BUILDING BIG Activity Guide** is an educator's guide that includes fun, easy, hands-on activities, teaching strategies, and additional resources to entice students to explore civil engineering.

To learn more about Building Big Programs

Visit: <http://content.asce.org/asceville/resources.html> and follow the links for the specific program of interest.

- **Excellence in Civil Engineering Education (ExCEED) Teaching Workshop** provides engineering educators the opportunity to improve their teaching abilities through a 6-day practicum conducted during the summer. The workshop has been ongoing for the past 11 years and has benefited both faculty members across the United States and worldwide. Topics addressed by the workshop are principles of effective teaching and learning, learning styles, communication skills, learning objectives, class organization and course organization, development of interpersonal rapport with students, teaching with technology, and classroom assessment

techniques. Participants are also given the opportunity to apply what they have learned by preparing and teaching three classes in a small-group setting.

To get more information:

Visit: <http://www.asce.org/exceed/>

- ***Those Amazing Engineers*** is a comprehensive educational booklet that introduces kids ages eight through twelve about the profession. The booklet covers all areas of engineering including the civil engineering discipline in an engaging kid-friendly format.

To get more information:

Visit: <http://www.asce.org/LandingPage.aspx?id=65>

To learn more about Contests, Competitions, and Resources:

Visit: <http://www.asce.org/LandingPage.aspx?id=65>

- **Scholarships and Fellowships** are offered in a variety of areas. ASCE offers the following scholarships and fellowships:
  - **Eugene C. Figg, Jr. Civil Engineering Scholarship** awards \$3,000 to be used for tuition expenses to one applicant annually. The awarded applicant will also be eligible to interview for an internship position at Figg Engineering Group. To be eligible, applicants must be undergraduate civil engineering students currently enrolled at the junior or senior level. Applicants must also be ASCE National Student Members in good standing with a passion for bridges. Students must also be U.S. citizens to be eligible.
  - **Samuel Fletcher Tapman ASCE Student Chapter/Club Scholarship** awards approximately \$2,000 to three applicants from each zone (twelve zones) to be used for tuition expenses. To be eligible, applicants must be undergraduate students at any level, a member of his/her local ASCE Student Chapter/Club, and an ASCE National Student member in good standing.
  - **Charles Tiney Memorial ASCE Student Chapter Scholarship** awards approximately \$2,000 to four applicants to be used for tuition expenses. To be eligible, applicants must be undergraduate students at any level, a member of his/her local ASCE Student Chapter/Club, and an ASCE National Student member in good standing.
  - **Y.C. Yang Civil Engineering Scholarship** awards approximately \$2,000 to two applicants to be used for tuition expenses. To be eligible, applicants must be undergraduate students at the junior or senior level, with an interest in structural engineering. To be eligible for the scholarship applicants must be an ASCE National Student member in good standing.
  - **Arthur S. Tuttle Memorial Scholarship** awards \$2,000 to be used for tuition expenses to one or more applicants. Awarded funds are generally applied to tuition expenses doing civil engineering graduate study. To be eligible, applicants must be a member of the Society in good standing.

- **Freeman Fellowship** awards \$2,000 – \$5,000 to be used for expenses for research and experiments and may be awarded to one or more recipients. Grants are made toward expenses for experiments, observations, and compilations to discover new and accurate data that will be useful in engineering. The grant may be in the form of a prize for the most useful paper relating to the science or art of hydraulic construction. Travel grants are also available to visit engineering works in the United States or in any other part of the World.
- **Jack E. Leisch Memorial National Graduate Fellowship** administered by the Transportation and Development Institute (T&DI), one of ASCE’s technical specialty institutes, provides an award of up to \$3,500 to be used for graduate study in the field of transportation/traffic engineering. To be eligible for the fellowship, applicants must be ASCE members in good standing and enrolled or admitted to a transportation/traffic engineering graduate program.

To get more information:

Contact Andrea Baker by email at: [abaker@asce.org](mailto:abaker@asce.org)

or by phone at: (800) 548-ASCE ext. 6124

or visit: [http://content.tanddi.org/news/stud\\_leisch.html](http://content.tanddi.org/news/stud_leisch.html)

- **Trent R. Dames and William W. Moore Fellowship** awards \$2,000 – \$6,000 for expenses for research and experiments. Grants are to provide for the exploration of new applications of geotechnical engineering or the earth sciences to social, economic, environmental and political issues. Applicants must be practicing engineers or earth scientists, professors, or graduate students. Membership in the Society is not a requirement.

To learn more about ASCE Scholarships and Fellowships:

Visit: <http://www.asce.org/Content.aspx?id=18337>

- **Extraordinary Women Engineers Project** is an awareness and outreach program aimed to encourage young women into the engineering field. The program also aims to develop a new generation of role models for those already in the field. The honorary chair of the program’s Advisory Committee is the former First Lady, Mrs. Laura Bush. The program continues to support individuals with the capacity to give advice to girls at the stage when they make decisions about college and careers.

To learn more about the Extraordinary Women Engineers Program:

Contact a program specialist toll free by phone at: 1-800-548-2723

or (703) 295-6300 international

or visit: <http://www.engineeryourlife.org/>

- **ASCE’s Career Connections Web site** allows job seekers to post résumés and search professional engineering positions and university positions available throughout various locations worldwide; and contains career development tools beneficial for job seekers. The Web site also allows employers to post jobs, search posted résumés, and more. The Web site contains links for internship and co-op opportunities posted by numerous companies aimed at acquiring student interns.

To get more information:

Contact Sean Scully by email at: [sscully@asce.org](mailto:sscully@asce.org)

or visit: <http://www.asce.org/careers/>

- **Leader Education and Development (LEAD)** is an intensive 8-month course for engineers that transform engineering managers into effective leaders and creates a dynamic leadership culture. The program is designed to produce behavioral change, increase individuals' leadership effectiveness, prepare participants for greater leadership responsibilities within their organization, and prepare participants for leadership roles on multi-disciplinary project teams and in public service agencies.

To learn more about LEAD:

Contact Melissa Prelewicz by email at: [mprelewicz@asce.org](mailto:mprelewicz@asce.org)

or by phone at: (800) 548-2723 ext. 6341

or visit: <http://www.asce.org/Content.aspx?id=11734>

- **Congressional Fellows Program** established in 1996 by ASCE to provide an opportunity for an ASCE member to spend 1 year working in the U.S. Congress. The Congressional Fellows Program enables a civil engineer to work on Capitol Hill as a staff member of either a Committee or an individual member of the U.S. Senate or House of Representatives. The program provides an annual stipend of \$57,000 to the Congressional Fellow. ASCE also provides a \$3,000 relocation reimbursement as well as full reimbursement for finalists selected to travel for interviews.

To learn more about the Congressional Fellows Program:

Contact Martin Hight by email at: [mhight@asce.org](mailto:mhight@asce.org)

or by phone at: (202) 789-7843

or visit: <http://www.asce.org/Content.aspx?id=7571>

- **Emerging Leaders Alliance (ELA)** was formed in 2008 to focus on creating an interdisciplinary community of learning for emerging professionals. The ELA seeks to foster leadership in the engineering and scientific community through professional leadership training. Through intensive in-person training sessions and a continuing online community forum, the Alliance seeks to build upon its mission.

To learn more about the Emerging Alliance

Visit: <http://www.emergingleadersalliance.org/>

To learn more about ASCE:

Contact Laurena Lamberty by email at: [llamberty@asce.org](mailto:llamberty@asce.org)

or by phone at: (703) 295-6064

or visit: <http://www.asce.org/asce.cfm>

## *American Public Transportation Association (APTA)*

Established in 1882, **APTA** is an international organization that represents the transit industry. APTA's mission is to serve and lead its diverse membership through advocacy, innovation and information sharing. APTA works to ensure that public transportation is available and

accessible for all Americans in communities across the country and to strengthen and improve public transportation.

APTA works to provide its members with an increasing set of professional development programs, resources, and opportunities. We encourage our members to take advantage of numerous APTA development opportunities. A sampling of these opportunities includes APTA conferences, facilitated training sessions and workshops, executive-level forums and leadership development program, online training and working groups, industry standards development, online training and scheduled Webinars, and Webcast events. In addition to APTA offerings and programs, we encourage you to take advantage of training and professional development offerings and resources available through our many partners, member offered programs, and shared resources.

For additional information visit:

<http://www.apta.com/resources/profdev/Pages/Default.aspx>

Additional programs administered by APTA include:

- **American Public Transportation Foundation (APTF)** is the charitable affiliate of the American Public Transportation Association. The foundation was founded in 1987 and provides scholarships for students and professionals involved in or entering the public transportation field as a career. APTF's mission is to increase and retain the number of young professionals entering the public transportation field as a career. APTF has the following outreach programs:
  - **Transit Hall of Fame Scholarship Awards Program** awards each spring, subject to the availability of funding, a minimum of seven scholarships of at least \$2,500 for the following academic school year to individuals studying disciplines in the public transportation industry. Eligible applicants are sophomores, juniors, seniors, and students seeking advanced degrees who maintain a Grade Point Average (GPA) of at least 3.0 in course work relevant to the public transportation industry. In addition, applicants must either be employed or demonstrate a strong interest in working in the public transportation sector. The APTF has named the following scholarships:
    - **Jack R. Gilstrap Scholarship** – awarded to the applicant receiving the highest overall score.
    - **Parsons Brinckerhoff-Jim Lammie Scholarship** – awarded to an applicant dedicated to a public transportation engineering career.
    - **Louis T. Klauder Scholarship** – awarded to an applicant dedicated to a career in the rail transit industry as an electrical or mechanical engineer.
    - **Dan M. Reichard, Jr. Scholarship** – awarded to an applicant dedicated to a career in the business administration/management area of the transit industry.
    - **Dr. George M. Smerk Scholarship** – awarded to an applicant dedicated to a career in public transit management.
    - **Richard J. Bouchard Scholarship** – awarded to an applicant dedicated to a career in public transportation planning and development.
    - **Florida Public Transportation Association Scholarship (FPTA)** – awarded to an applicant from the state of Florida, and sponsored by a Florida public transit system or the FPTA.

- The **Reba Malone Scholarship** – awarded to an applicant dedicated to a career in transit or transportation marketing/communications.
- The **Raymond C. Miller Scholarship** – awarded to an applicant dedicated to a career in transit marketing.
- The **Shirley DeLibero Scholarship** – awarded to an African-American applicant dedicated to a career in public transportation.

A minimum of two additional scholarships are awarded to applicants planning a career in public transportation either with a transit agency or a transit business member organization. In addition, the foundation will award a minimum of \$500 for the **Donald C. Hyde Memorial Essay** which represents the best response to the required essay component of the program.

To learn more about the American Public Transportation Foundation

Contact Yvette Conley at: [yconley@apta.com](mailto:yconley@apta.com)

or by phone at: (202) 496-4868

or visit: [www.aptf.org](http://www.aptf.org)

or visit the American Public Transportation Foundation on **Facebook**.

- **Leadership APTA Program** is a highly respected transit industry professional development program established to identify, develop, and support the next generation of public transportation and APTA leaders. The program focuses on developing and refining the skills participants need to succeed as leaders in public transportation. The Leadership APTA Committee selects 25 individuals that are APTA members to participate in specialized Leadership APTA workshops, sessions, class research projects, teleconferences, online events, and APTA conferences on key topics of the industry. The program begins in the fall at APTA's Annual Meeting and concludes at the following year's meeting.

To learn more about the Leadership APTA Program:

Contact Joe Niegowski by email at: [jniegoski@apta.com](mailto:jniegoski@apta.com)

or by phone at: (202) 496-4870

or visit:

<http://www.apta.com/members/memberprogramsandservices/leadershipapta/Pages/default.aspx>

- **APTA's Workforce Development Initiative (WDI)** Task Force was established in 2001 to address the current and future workforce needs for the industry. The WDI Task Force initiated its work by conducting research throughout the industry as well as with stakeholders. APTA's Transit Vision 2050 highlights the importance of public transportation's future workforce. In October 2008, APTA Chair Dr. Beverly Scott identified workforce development as one of her top priorities and established a Blue Ribbon Panel for Workforce Development to address, outline, and take action on our industry's strategic workforce priorities over the next 5 years and beyond. The panel, with a wide array of experience and expertise, is charged with:
  - Reviewing the research and recommendations of the earlier workforce development initiative.
  - Identifying gaps, new opportunities, programs and services geared to helping to create and sustain a stronger, vibrant, and efficient and effective workforce.



- Defining APTA's role in providing ongoing support to members and the industry on these issues.

For more information on APTA's Workforce Development Initiatives visit:

<http://www.apta.com/resources/hottopics/Pages/WorkforceDevelopment.aspx>

- **Safety & Security** resources are available through APTA. These various programs and resources help ensure that transit agencies maintain and strive to improve the Safety & Security of their resources for employees and passengers in and around their systems. APTA offers a wide variety of services to the industry and emphasizes System Safety & Security through Peer Reviews, System Safety Audits, the Standards Program along with various committees and collaboration networks. These processes assist transit agencies by ensuring that best practices and industry standards are utilized and implemented, ultimately resulting in a safer and secure environment. In addition, APTA provides access to external resources and is involved in numerous initiatives with government agencies and counterparts.

For more information on the Safety & Security program that APTA offers visit:

<http://www.apta.com/resources/safetyandsecurity/Pages/default.aspx>

- **APTA Webinars** offers an array of online education opportunities through its Webinar offerings. Webinars are offered throughout the year on topics relevant and vital to the public transportation industry, focusing specifically on today's transit needs. Webinars and Webcasts offer transit agencies and business members alike the opportunity to take advantage of an invaluable educational resource from anywhere with an internet connection and telephone. Webinars and Webcasts are terrific opportunities to offer cutting edge interactive training opportunities to one or 100 of your staff.

For more information:

Contact Heidi Salati by email at [hsalati@apta.com](mailto:hsalati@apta.com)

or by phone (202) 496-4818

or visit: <http://www.apta.com/mc/webinars/Pages/default.aspx>

- **APTA/AICP Partnership Program** was created most recently as a partnership between APTA and the American Institute of Certified Planners (AICP), the professional institute of the American Planning Association to award Certification Management (CM) credits tailored to the needs of new and experienced planning officials and APTA members attending recognized and approved sessions at APTA conferences and events. APTA plans to continue and broaden its certification offerings.

For more information on the APTA/AICP Partnership Program visit:

<http://apta.com/resources/profdev/Pages/Default.aspx>

- **APTA Partner Opportunities Program** works with many partners. The below includes links to these organizations (some of APTA partners) and to their resources.

Visit: <http://www.apta.com/resources/profdev/Pages/PartnerOpportunities.aspx>



- **APTA's Public Transportation Career Opportunities Web page** contains available job listings in the public transportation sector including available APTA employment positions.

To get more information on industry available positions listed in APTA's Passenger Transport

Visit: <http://www.apta.com/passengertransport/Pages/default.aspx>

For information on available APTA positions, contact:

Karen Harvey by email at: [kharvey@apta.com](mailto:kharvey@apta.com)

or by phone at 202-496-4801

or visit: <http://www.apta.com/about/generalinfo/pages/aptacareers.aspx>

To learn more about APTA:

Contact a program representative by phone at: (202) 496-4800

or visit: <http://www.apta.com/>

## *International Road Federation (IRF)*

Established in 1948, **IRF** is a nongovernmental, not-for-profit organization with the mission to encourage and promote development and maintenance of better, safer, and more sustainable roads and road networks. Working together with its members and associates, IRF promotes social and economic benefits that flow from well-planned and environmentally sound road transport networks. With members both in the public and private sectors in 90 countries worldwide, IRF helps put in place technological solutions and management practices that provide maximum economic and social returns. IRF works closely with regional agencies including the FHWA, international institutions, and financial institutions. IRF has the following education and training programs:

- **IRF Fellowship Program** provides a one-time fixed-amount grant, to be used toward costs of full-time academic graduate study, for individuals pursuing a graduate degree in a transportation discipline. The program was established more than 50 years ago and is conducted at universities worldwide. In addition, selected Fellows become automatic members of the Fellows Alumni Association, which expands the Fellows' business opportunities, research initiatives, and knowledge exchange opportunities. Applicants are selected on the basis of strong academic background, professional qualifications, leadership potential, and intent to return to their countries upon completion of their studies.

To learn more about the IRF Fellowship Program:

Contact Kate Mullett by email at: [fellowships@irfnews.org](mailto:fellowships@irfnews.org)

or by phone at: (703) 535-1001

or visit: <http://irfnews.org/fellowships/>

- **Fellowship Orientation & Executive Leadership Program** was established in 2005 to make the IRF Traditional Fellowship Program more effective and to expand the IRF's network of road-industry professionals and public officials. This program identifies and invites promising international graduate students, enrolled in Member Universities in the United States who intend to return to their home countries in the near future, and invites

them to join the Traditional IRF Fellows in Washington, D.C. during the Transportation Research Board week. This program gives IRF members an additional opportunity to make contact with future international leaders before they return to their home countries.

To learn more about the Fellowship Orientation/Executive Leadership Program:  
Contact Kate Mullett by email at: [fellowships@irfnews.org](mailto:fellowships@irfnews.org)  
or by phone at: (703) 535-1001  
or visit: <http://irfnews.org/fellowships/executive-leadership-program>

- **Safer Roads by Design™ Safety Training Program** is a world class training program that introduces concepts on accident prevention and reducing severity of accidents. The program includes seminars on the fundamentals of road safety, roadside safety, work zone safety, intersection/roundabout safety, and vulnerable user safety. Presentations for this program are given by 35 different road safety experts from five continents.

To learn more about Safer Roads by Design™ Safety Training Program:  
Contact Scott Pearce by email at: [spearce@irfnews.org](mailto:spearce@irfnews.org)  
or by phone at: (703) 535-1001  
or visit: <http://irfnews.org/training/safer-roads-by-design>

- **Executive Seminar on Contract Maintenance** offers participants an opportunity to learn about the developments in contract maintenance and the chance to visit many contract maintenance projects currently in progress around the world. In this way, attendees see firsthand work methods and management procedures used by various contractors. This seminar focuses on issues and strategies that affect both government agencies and contractors who are in the business of providing maintenance services. It also allows participants to meet and discuss maintenance issues both contractors who perform the work and government managers who oversee the projects. The Executive Seminar on Contract Maintenance consists of meetings and discussions, briefings on the seminar topics, site visits to see first-hand work methods and procedures, interactive work groups, problem solving activities, and field days.

To get more information:  
Contact Magid Elabyad by email at: [melabyad@irfnews.org](mailto:melabyad@irfnews.org)  
or by phone at: (703) 535-1001  
or visit: <http://irfnews.org/advocacy/contract-asset-management>

- **Online Training** was established by IRF in 2005 to provide IRF members the opportunity to receive training through their own computer. Through a strategic alliance with the American Society of Civil Engineers (ASCE), IRF worldwide members have access to hundreds of Webinars and computer workshops on numerous topics at discounted rates.

To get more information:  
Email: [training@irfnews.org](mailto:training@irfnews.org)  
or contact Magid Elabyad by email at: [melabyad@irfnews.org](mailto:melabyad@irfnews.org)  
or by phone at: (703) 535-1001  
or visit: <http://irfnews.org/training/online-training>

- **IRF Training Videos** are available in eight different languages (English, Arabic, Spanish, French, Chinese, Portuguese, Russian, and Turkish) and benefit from 13 years of feedback from satisfied users in 90 countries around the world. Training videos are available on a variety of transportation disciplines at discounted rates for IRF members and Federal Highway Administration officials. The videos are used by governments and businesses in more than 90 countries. “Train the Trainer” seminars are also provided to help video users develop effective training classes within their organizations.

To get more information:

Email: [training@irfnews.org](mailto:training@irfnews.org)

or contact Magid Elabyad by email at: [melabyad@irfnews.org](mailto:melabyad@irfnews.org)

or by phone at: (703) 535-1001

or visit: <http://irfnews.org/training/irf-training-videos>

To learn more about IRF:

Contact Scott Pearce by email at: [spearce@irfnews.org](mailto:spearce@irfnews.org)

or by phone at: (703) 535-1001

or visit: <http://irfnews.org>

## *National Defense Transportation Association (NDTA)*

**NDTA** is a nonpolitical, non-profit educational association with more than 8,000 Individual Members throughout the world and more than 250 Corporate Members comprised of military; government civilian executives and managers; students; faculty; industry executives; managers; operations personnel; and companies. NDTA is dedicated to fostering a strong and efficient global transportation and distribution system in support of the economy and national security of the United States. NDTA fulfills its educational mission through professional development and mentoring programs in its 60 chapters worldwide, at its annual Forum, featuring speakers, roundtable discussions, and breakout sessions on specific topics of current interest, through providing educational opportunities at governmental training symposia, and through publications like the *Defense Transportation Journal* and its newsletter, the *NDTAGram*. NDTA also has the following scholarship programs and professional development programs:

- **Scholarship/Tuition Assistance Programs** are offered by NDTA to members and their financial dependents. NDTA’s scholarships provide opportunities for college students majoring in transportation, logistics, and related fields, and graduating high school students seeking to obtain tuition assistance. NDTA’s Forum—the Education and Professional Development Committee—determines the percentage of funds available for a specific scholarship year for the two merit scholarship programs. NDTA administers the two following scholarship programs awarded for the fall semester of that year:
  - **Academic Scholarship Program A** encourages good undergraduate college students (sophomore and above) to study transportation, physical distribution, logistics, or a combination of the above. To be eligible, applicants must be NDTA members or dependents of NDTA members in good standing.
  - **Academic Scholarship Program B** assists college freshmen and high school seniors planning to attend college to achieve their academic goals. Applicants can pursue a discipline of study in any field, but transportation, logistics, and related

fields are encouraged. To be eligible, applicants must be NDTA members or dependents of NDTA members.

To learn more about the Academic Scholarship Programs A & B:  
Contact Mark Victorson by email at: [mark@ndtahq.com](mailto:mark@ndtahq.com)  
or visit: [http://www.ndtahq.com/education\\_scholarship.htm](http://www.ndtahq.com/education_scholarship.htm)

- **“A-35” Program** is a professional development program for young professionals (35 years and younger) within NDTA. The program assists their development as young professionals by helping them prepare for careers within the transportation, travel, logistics, and related industries. The program consists of several benefits including leadership and professional development and recognition, mentoring and coaching programs, network opportunities, scholarship opportunities, job referral assistance, public service and community involvement, and more.

To learn more about the “A-35” Program:  
Contact Mark Victorson by email at: [mark@ndtahq.com](mailto:mark@ndtahq.com)  
or visit: <http://www.ndtahq.com/A35.htm>

- **NDTA’s Career Center** is a premier career center Web page with numerous options and opportunities for job seekers and employers. Job seekers have several options including browsing for available jobs, posting résumés on-line, receiving emails daily about new jobs, and exploring profiles of featured employers. Employers have the options of posting job openings, searching posted résumés, and creating a résumé agent that emails to qualified candidates.

To get more information:  
Contact Mark Victorson by email at: [mark@ndtahq.com](mailto:mark@ndtahq.com)  
[http://www.ndtahq.com/benefits\\_career\\_center.htm](http://www.ndtahq.com/benefits_career_center.htm)

To learn more about NDTA:  
Contact Mark Victorson by email at: [mark@ndtahq.com](mailto:mark@ndtahq.com)  
or visit: <http://www.ndtahq.com/>

## *Conference of Minority Transportation Officials (COMTO)*

**COMTO** was established in 1971 at Howard University, Washington, D.C. for senior level minority professionals in the field of transportation. COMTO has grown significantly to provide training, education, and professional development for minorities in the transportation field. COMTO programs reach out to students and professional transportation organizations. Their Web site contains the following outreach services:

- **Career Center Web site** provides free online employment opportunities in the transportation industry. The Career Center Web site is designed for job seekers to search for transportation employment opportunities and for employees to advertise and post their job openings.

To get more information:  
Visit: <http://careers.comto.org/>

- **The National Scholarship Program** provides numerous scholarship opportunities annually. Students must be U.S. Citizens and if selected through the application process, are expected to attend COMTO's National Scholarship Luncheon. Scholarship opportunities offered by COMTO are shown below:
  - **LTK Scholarship - \$6,000**
    - Applicant must be an undergraduate student entering his or her junior/senior year or graduate student enrolled in a minimum of twelve semester credits at an accredited college/university in the fall.
    - Applicant must be pursuing a degree in Engineering or other technical transportation related discipline.
    - Applicant must have a minimum GPA of a 3.0.
    - If the applicant is not an existing member of COMTO, he or she must become a COMTO member within thirty days of scholarship award.
    - Internship opportunities with LTK will be considered on a case-by-case basis.
  - **Thomas G. Neusom Scholarship - \$5,500**
    - Applicant must be a COMTO member in good standing for one year.
    - Applicant must be an undergraduate student or graduate student enrolled in a minimum of six credits and returning to an accredited college/university/vocational-technical institution in the fall.
    - Applicant must have a minimum grade point average of 2.5.
  - **Parsons Brinckerhoff – Engineering Scholarship - \$5,000**
    - Applicant must be a COMTO member in good standing for one year.
    - Applicant must be an undergraduate student enrolled at an accredited college/university majoring in engineering.
    - Applicant must have a minimum grade point average of 3.0.
    - Internship Program – The applicant must be able to participate in an 8- to 11-week paid internship program and must reside in commuting proximity to the local office. Compensation for internship program is determined by location.
  - **Rosa L. Parks Scholarship - \$4,500 (Graduating high school student of a COMTO Member)**
    - The parent must be a member in good standing for at least one year.
    - The applicant must be accepted at an accredited college/university/vocational-technical institution.
    - Applicant must have a minimum of a 3.0.

- **Rosa L. Parks Scholarship - \$4,500 (College Student enrolled in a transportation discipline)**
  - Undergraduate student with a minimum of 60 semester credit hours or equal to, or a Master's Degree candidate with a minimum of 15 credits.
  - Applicant must have a minimum of a 3.0.
  
- **PBS&J Achievement Scholarship - \$4,000 (Graduating High School Student)**
  - The applicant must be accepted at an accredited college/university/vocational-technical institution.
  - Applicant must possess a 2.0 (C) average or above upon graduation from high school.
  - Applicant must express a desire to work in the field of transportation or a transportation related discipline.
  
- **PBS&J Achievement Scholarship - \$4,000 (College Student)**
  - Enrolled in the field of Transportation or a specific transportation related discipline.
  - Undergraduate student with a minimum of 12 semester credit hours.
  - Applicant must have a minimum of a 2.0 (C) average or above.
  
- **PBS&J Achievement Scholarship - \$4,000 (Graduate Student)**
  - Accepted/enrolled in the field of Transportation or a specific Transportation related discipline.
  
- **Jacobs Engineering Scholarship - \$4,000**
  - Applicant must be an undergraduate junior or senior or a graduate student in the field of transportation.
  - Transportation fields include: Transportation, Civil and Environmental Engineering, Safety, Urban Planning, Construction Engineering, or other related disciplines.
  - Applicant must have a minimum grade point average of 3.0 at the undergraduate level or 3.5 on a 4.0 scale at the graduate level.
  - Applicant must become a member of COMTO once notified of scholarship award.
  
- **Carmen E. Turner Scholarship - \$3,500**
  - Applicant must be a COMTO member in good standing for one year.
  - Applicant must be an undergraduate student or graduate student enrolled in a minimum of six credits and returning to an accredited college/university or vocational-technical institution in the fall.
  - Applicant must have a minimum grade point average of 2.5.

- **North Carolina A&T Matching Scholarship - \$3,000**
  - NC A&T student in the field of transportation. Transportation fields include: Transportation, Safety, Urban Planning, Environmental disciplines, Public Services, or other related discipline.
  - NC A&T student who will be in his/her junior year during the award period.
  - NC A&T student who will complete his/her undergraduate work at NC A&T student during the award period.
  - NC A&T student who has a minimum of a 3.0.
  
- **Trailblazer Scholarship - \$2,500 (Two scholarships available)**
  - Applicant must be an undergraduate student or graduate student enrolled in a minimum of six credits and returning to an accredited college/university/vocational-technical institution in the fall.
  - Applicant must have a minimum grade point average of 2.5.
  
- **Parsons Brinckerhoff – Golden Apple Scholarship - \$2,500**
  - Applicant must be a graduating high school student.
  - Applicant must be a COMTO member in good standing for 1 year.
  - Applicant must be accepted at an accredited college/university/vocational-technical institution.
  - Applicant must possess a 2.0 (C) average or above upon graduation from high school.
  - Applicant must express a desire to work in the field of transportation in one of the following disciplines: Communications, Marketing or Finance.
  - Internship Program – The applicant must be able to participate in an 8- to 11-week paid internship program and must reside in commuting proximity to the local office. Compensation for internship program is determined by location.

To learn more about COMTO's National Scholarship Program:

Visit: <http://www.comto.org> in December for the latest scholarship information.

- **COMTO's Career in Transportation for Youth (CITY)** Internship Program was created to attract the best and brightest minority, youth talent to the public transportation industry. This internship program supports the Federal Transit Administration's (FTA) initiative to promote public transportation career opportunities among minority college students. This initiative will orient students to the public transportation industry by providing internships and mentoring at transit agencies, private transit-related consulting firms, transportation service providers, manufacturers and suppliers. Additionally, the internship program advances COMTO's strategic goal to "Work with educational entities, government and affiliate partners to provide timely training and educational programs specific to the current and future requirements of the employers in the transportation industry." The internship program focuses on minority youth who are college students that have completed at least their sophomore or junior years and have an interest in public transit or a transportation related career. COMTO, along with its local partners, recruits



three to four (3-4) students for each of the cities selected to participate in the internship program.

If you would like more information about the CITY Internship Program, please contact COMTO National at (202) 530-0551.

To learn more about COMTO:

Contact Ramonica Moore by email at: [rmoore@comto.org](mailto:rmoore@comto.org)

or by phone at: (202) 530-0551 ext.309

or visit: <http://www.comto.org>

## *Women's Transportation Seminar (WTS)*

- **The National Scholarship Program** provides numerous scholarship opportunities annually. Students must be women pursuing undergraduate or graduate studies in transportation or a related field. Scholarship opportunities offered by WTS are shown below:

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- **Sharon D. Banks Memorial Scholarship - \$3000 (Undergraduate)**

The Sharon D. Banks Memorial Scholarship is awarded to women pursuing undergraduate studies in transportation or a related field. This scholarship honors Sharon D. Banks, chief executive officer of AC Transit in Alameda-Contra Costa County, California. As CEO during most of the 1990s, Sharon led the agency in a pioneering effort to introduce cultural and organizational changes aimed at motivating the public transit work force. She was a member of the WTS Advisory Board and received the WTS San Francisco Chapter Woman and Employer of the Year awards.

Applicants must be currently enrolled in an undergraduate degree program in a transportation-related field, such as transportation engineering, planning, finance or logistics; and plans to pursue a career in a transportation-related field. Students must maintain a GPA of 3.0 or higher to qualify.

- **Helene M. Overly Memorial Scholarship - \$6000 (Graduate)**

The Helene M. Overly Memorial Scholarship was established in 1981 to encourage women pursuing career paths in transportation. Helene M. Overly was the first Executive Secretary of WTS. Helene became a WTS member in 1981, bringing with her 15 years of experience in public service, tremendous organizational abilities, and a spirit of determination that helped WTS nearly double its membership in 2 years. Applicants must be currently enrolled in a graduate degree program in a transportation-related field, such as transportation engineering, planning, finance or logistics and plans to pursue a career in a transportation-related field.

- **Louise Moritz Molitoris Leadership Scholarship - \$3000 ( Undergraduates)**

The Louise Moritz Molitoris Leadership Award is awarded to women pursuing undergraduate studies in transportation or a related field who demonstrate leadership skills, ability and interest. The purpose of the Louise Moritz Molitoris Leadership Award is to motivate and reward women who demonstrate leadership in the transportation industry. The leadership, skills and perspective of women are

essential to assure that the transportation systems of the future respond to the needs of all. Leadership does not just happen. Leaders personally invest and risk much. They must take on struggles that many would avoid and persevere to reach successful outcomes. These qualities should receive special attention in the selection of the award winner.

Applicants must be currently enrolled in an undergraduate degree program in a transportation-related field, such as transportation engineering, planning, finance or logistics; and plan to pursue a career in a transportation-related field. Applicants for the Molitoris Leadership Scholarship are asked to specifically address the issue of leadership on their personal statement.

- **President's Legacy Scholarship - \$3000 (Graduate)**  
WTS has launched a new scholarship, the President's Legacy Scholarship. Each year, the President's Legacy Scholarship will provide a \$3,000 scholarship to a young woman pursuing a career in transportation.
- **Elaine Dezenski Legacy Scholarship - \$2,500 (Graduate)**  
The Elaine Dezenski Legacy Scholarship is open to women only. Applicants must maintain a GPA of 3.0 or higher and be enrolled in an graduate degree program in a transportation-related field, such as transportation engineering, planning, business management, finance or logistics and also plan to pursue a career in a transportation-related field. Applicants for the Elaine Dezenski Legacy Scholarship are asked to specifically address in a personal statement of 1,000 words or less; their vision of how their education will give them the tools to address the impact of transportation on sustainability, land use, environmental impact, security and quality of life as they affect communities around the globe.

Applications must be submitted through local WTS chapters. The scholarships are competitive and based on the applicant's specific transportation goals, academic record and transportation-related activities or job skills. Minority candidates are encouraged to apply. Local Chapters may have additional requirements (such as personal interviews or higher GPA). Please contact your local WTS chapter for more information.

To learn more about Women's Transportation Seminar National Scholarship program:  
Visit: <http://www.wtsinternational.org/Scholarship.aspx> for the latest scholarship information.

## *Society of Women Engineers (SWE)*

The SWE Scholarship Program provides financial assistance to women admitted to accredited baccalaureate or graduate programs, in preparation for careers in engineering, engineering technology, and computer science. In fiscal year 2009, SWE disbursed more than 180 new and renewed scholarships valued at \$470,000.

Grants are announced in the summer (sophomore, junior, senior, and graduate students) and late summer/early fall (freshmen and reentry students) for use during the following academic year. Grant payments are made in the fall for corporate-sponsored scholarships and in both the fall and spring for endowed scholarships, upon proof of registration. Accredited programs are based on ABET accreditation for universities in the U.S. The list of SWE-approved colleges and

universities is the same list as the ABET-accredited engineering programs. Annually, SWE awards individual scholarships to freshmen through graduate students. Scholarships and fellowships range from \$1,000 to \$10,000 each. SWE sections offer additional scholarships. An international scholarship will be awarded to a student studying at a university in the Querétaro, Querétaro, Mexico. There are several SWE-approved programs at four universities.

To learn more about SWE's National Scholarship Program:

Visit: <http://societyofwomenengineers.swe.org/> and click on the link: Scholarship



## University Transportation Centers (UTCs)

The UTCs offer several programs each with a mission to advance the expertise and workforce for transportation disciplines through research, education, and technology transfer. UTCs are a vital source for students that provide educational and research opportunities, training, skill enhancement, workshops, seminars, conferences, summer employment and internship opportunities, and awareness in transportation careers.

**California State University - San Bernardino, Leonard Transportation Center, Web site:** <http://leonard.csusb.edu>

**Cleveland State University, Cleveland State University Transportation Center, Web site:** <http://www.csuohio.edu/engineering/utc>

**City College of New York, University Transportation Research Center (UTRC), Web site:** <http://www.utrc2.org>

**Georgia Institute of Technology, Georgia Transportation Institute University Transportation Center (GTI-UTC), Web site:** <http://www.utc.gatech.edu>

**George Mason University, George Mason University Transportation and Economic Development Center, Web site:** <http://www.gmupolicy.net/transport-econ/index.htm>

**Hampton University, Eastern Seaboard Intermodal Transportation Applications Center, Web site:** <http://www.hamptonu.edu/academics/schools/business/esitac/esitac.htm>

**Iowa State University, Midwest Transportation Consortium, Web site:** <http://www.intrans.iastate.edu/mtc/index.htm>

**Jackson State University, Institute for Multimodal Transportation (IMTrans), Jackson State University, Web site:** <http://www.jsums.edu/~imtrans>

**Kansas State University, Kansas State University's Center for Transportation Research, Web site:** <http://transport.ksu.edu>

**Louisiana State University, Gulf Coast Research Center for Evacuation and Transportation Resiliency, Web site:** <http://www.evaccenter.lsu.edu/Index.htm>

**Marshall University, Appalachian Transportation Institute, Web site:** <http://www.njrati.org/>

**Massachusetts Institute of Technology, New England University Transportation Center (NEUTC), Web site:** <http://ctl.mit.edu/metadot/index.pl?id=5146>

**Michigan Technological University, University Transportation Center for Materials in Sustainable Transportation Infrastructure (MiSTI), Web site:** <http://www.misti.mtu.edu/index.php>

Missouri University of Science and Technology, Center for Transportation Infrastructure and Safety, Web site: <http://utc.mst.edu/>

Montana State University, Western Transportation Institute, Web site: <http://www.coe.montana.edu/wti/>

Morgan State University, National Center for Transportation Management, Research and Development, Morgan State University, Web site: <http://www.morgan.edu/soe/ntc>

North Dakota State University, Mountain-Plains Consortium (MPC), Web site: <http://www.mountain-plains.org>

North Dakota State University, Small Urban and Rural Transit Center, North Dakota State University, Web site: <http://www.surtc.org/>

North Carolina State University, Center for Transportation and the Environment, Web site: <http://www.itre.ncsu.edu/cte/>

Northwestern University, Center for Commercialization of Innovative Transportation Technology, Web site: <http://www.ccitt.northwestern.edu/>

Northwestern University, Infrastructure Technology Institute (ITI), Web site: <http://www.iti.northwestern.edu/>  
(in partnership with the University of Oregon, Oregon State University, and the Oregon Institute of Technology)

Oklahoma State University, Oklahoma Transportation Center, Web site: <http://www.oktc.org>

Pennsylvania State University, Mid-Atlantic Universities Transportation Center (MAUTC), Web site: <http://www.mautc.psu.edu/>

Portland State University, Oregon Transportation Research and Education Consortium (OTREC), Web site: <http://www.otrec.us>

Purdue University, NEXTRANS, Website: <http://www.purdue.edu/dp/nextrans/>

Rutgers University, Center for Advanced Infrastructure & Transportation (CAIT), Web site: <http://www.cait.rutgers.edu/>

San Jose State University, Mineta Transportation Institute (MTI), Web site: <http://transweb.sjsu.edu>

South Carolina State University, James E. Clyburn University Transportation Center, Web site: <http://utc.scsu.edu>

Texas A&M University, Southwest Region University Transportation Center (SWUTC), Web site: <http://swutc.tamu.edu/>

Texas A&M University, University Transportation Center for Mobility, Texas A&M University, Web site: <http://utcm.tamu.edu/>

Utah State University, Utah State University Transportation Center, Web site: <http://transportation.usu.edu/>

Youngstown State University, YSU Center for Transportation and Materials Engineering, Web site: <http://stem.yzu.edu/CTME>

University of Akron, Ohio Transportation Consortium, Web site: <http://www.otc.uakron.edu>

University of Alabama – Birmingham, University of Alabama at Birmingham University Transportation Center, Web site: <http://www.uab.edu/utc>

University Alabama – Tuscaloosa, University Transportation Center for Alabama, Web site: <http://utca.eng.ua.edu>

University of Alaska, Alaska University Transportation Center, Web site: <http://www.alaska.edu/uaf/cem/ine/autc/>

University of Denver/Mississippi State University, National Center for Intermodal Transportation, University of Denver/Mississippi State, Web site: <http://ncit.msstate.edu/>

University of Arkansas, Mack Blackwell National Rural Transportation Center, Web site: <http://www.mackblackwell.org>

University of California – Davis, University of California Transportation Center/ Institute of Transportation Studies, Web site: <http://stc.ucdavis.edu>

University of California – Berkeley, University of California Transportation Center (UCTC), Web site: <http://www.uctc.net>

University of Central Florida, Center for Advanced Transportation Systems Simulation, Web site: <http://www.catss.ucf.edu/default.htm>

University of Connecticut, Center for Transportation and Urban Planning, Web site: <http://www.ctup.uconn.edu/>

University of Delaware, Delaware Center for Transportation, Web site: <http://www.ce.udel.edu/UTC/index.html>

University of Detroit Mercy, Michigan-Ohio University Transportation Center, Web site: <http://mih-utc.udmercy.edu/>

University of Florida, Center for Multimodal Solutions for Congestion Mitigation (CMS), Web site: <http://cms.ce.ufl.edu/>

University of Idaho, National Institute for Advanced Transportation Technology (NIATT), Web site: <http://www.webs1.uidaho.edu/niatt/>



University of Maryland, Center for Integrated Transportation Systems Management (CITSM), Web site: <http://www.citsm.umd.edu/>

University of Massachusetts, University of Massachusetts Transportation Center, Web site: <http://www.ecs.umass.edu/umtc>

University of Memphis, Center for Intermodal Freight Transportation Studies, Web site: <http://www.memphis.edu/cifts/>

University of Michigan, Center for Advancing Safe Transportation Throughout the Lifespan (M-CASTL), Web site: <http://m-castl.org/>

University of Minnesota, Intelligent Transportation Systems Institute, Web site: <http://www.its.umn.edu>

University of Nebraska, Mid-America Transportation Center (MATC), Web site: <http://www.matc.unl.edu/>

University of Nevada - Las Vegas, Sustainable Transportation in Arid Regions, Web site: <http://crosswalk.trc.unlv.edu>

University of Rhode Island, University of Rhode Island Transportation Center, Web site: <http://www.uritc.uri.edu>

University of South Florida, National Center for Transit Research (NCTR), Web site: <http://www.nctr.usf.edu>

University of Southern California/California State University - Long Beach, National Center for Metropolitan Transportation Research (METTRANS), Web site: <http://www.mettrans.org/>

University of Tennessee, National Transportation Research Center, Inc. (NTRCI), Center for Transportation Research, Web site: <http://www.ntrci.org/>

University of Tennessee, Southeastern Transportation Center (STC), Web site: <http://stc.utk.edu/>

University of Toledo, Intermodal Transportation Institute & University Transportation Center, Web site: <http://www.utoledo.edu/research/ututc/>

University of Vermont, UVM Transportation Center, Web site: <http://www.uvm.edu/transportationcenter>

University of Washington, Transportation Northwest (TransNow), Web site: <http://www.transnow.org>

University of Wisconsin, Midwest Regional University Transportation Center (MRUTC), Web site: <http://www.mrutc.org>

University of Wisconsin, National Center for Freight & Infrastructure Research and Education, Web site: <http://www.wistrans.org/cfire/>

## Other Available DOT Resources

DOT offers several student opportunity programs to help students put their *Careers in Motion*. These student-centered programs allow students to work with leading transportation industry experts, develop professional skill, and learn about the DOT's numerous career opportunities.

Contact the specific DOT agency that you are interested in to get more information about available opportunities:

- **Federal Highway Administration (FHWA), Office of Human Resources at:** (202) 366-0530 or visit: <http://www.fhwa.dot.gov/vacancy/about2.htm>
- **Office of the Secretary (OST), Office of Human Resources at:** (202) 366-4088 or visit: <http://dothr.ost.dot.gov/employmentinfo/index.htm>
- **Office of the Inspector General (OIG), Office of Human Resources at:** (202) 366-1490 or visit: <http://www.oig.dot.gov/oig-jobs>
- **Federal Aviation Administration (FAA), Office of Human Resources at:** (202) 267-8012 or visit: <http://jobs.faa.gov/>
- **Federal Motor Carrier Safety Administration (FMCSA), Office of Human Resources at:** (202) 366-0227 or visit: <http://www.fmcsa.dot.gov/about/other/jobs/workforus.htm>
- **Federal Railroad Administration (FRA), Office of Human Resources at:** (202) 493-6110 or visit: <http://www.fra.dot.gov/index.shtml>
- **Federal Transit Administration (FTA), Office of Human Resources at:** (202) 366-2513 or visit: [http://www.fta.dot.gov/about/about\\_FTA\\_20.html](http://www.fta.dot.gov/about/about_FTA_20.html)
- **Federal Maritime Administration (MARAD), Office of Human Resources at:** (202) 366-4141 or visit: [http://www.marad.dot.gov/education\\_landing\\_page/education\\_landing\\_page.htm](http://www.marad.dot.gov/education_landing_page/education_landing_page.htm)
- **National Highway Traffic Safety Administration (NHTSA), Office of Human Resources at:** (202) 366-1784 or visit: <http://www.nhtsa.gov/Contact>
- **Pipeline and Hazardous Materials Safety Administration (PHMSA), Office of Human Resources at:** (202) 366-5608 or visit: <http://www.phmsa.dot.gov/about/org/hr>

- **Research and Innovative Technology Administration (RITA), Office of Human Resources at:** (202) 366-4075 or visit: <http://www.rita.dot.gov/contacts/>
- **Saint Lawrence Seaway Development Corporation (SLSDC), Office of Human Resources at:** (315) 764-3230 or visit: <http://www.seaway.dot.gov/>



## **Office of Technical Services**

Federal Highway Administration  
U.S. Department of Transportation  
1310 N. Courthouse Road, Suite 300  
Arlington, VA 22201  
(703) 235-0500

**<http://www.fhwa.dot.gov/transprogcats>**