

Student Programs

Located in Kendall Square, Cambridge, Massachusetts, the **Volpe Center/USDOT** is an internationally recognized center of transportation and logistics expertise. We continually seek talented and entrepreneurial students and recent graduates to join our world-class, multi-disciplinary scientific and technical teams to help us resolve real-world transportation problems.

Volpe is committed to fostering an all-inclusive diverse workforce where employees feel valued for their unique backgrounds and qualities and have a sense of belonging and engagement in helping to advance transportation for the public good.

To apply to our Internship Programs, please visit www.usajobs.gov to create an account, and to enable notification emails to keep you informed of our openings. We also encourage you to visit our **Careers website** to learn about our opportunities www.volpe.dot.gov.

The Volpe Center is currently hiring for 25+ positions center-wide at all levels. Flexibility, creativity, curiosity, ability to work independently, and interest in taking initiative are highly valued in our team and client-focused environment. You will work on a team providing technical assistance on major projects from initial scoping through implementation. Positions require superb analytical, communication, and problem-solving skills and you must be able to excel in an entrepreneurial, fast-paced workplace.

- For students enrolled in a wide variety of educational programs from high school to graduate level
 - Undergraduate and Graduate students with an interest in transportation, majoring in science, technology, human resources, administration, finance, library sciences, mathematics, business, economics, computer science/IT, cybersecurity and research based majors. The DOT is seeking students who have demonstrated leadership, innovation, and self-initiative.
 - To qualify for this Internship, you **MUST** be a continuing student enrolled or accepted for enrollment for the current/upcoming semesters for the duration of the internship as a condition of employment, taking at least a half-time course load. You will be required to provide documentation to support eligibility.
- Our paid internships allow you to explore Federal careers while in school
 - You will be exposed to and participate in activities, innovations, and challenges facing the Transportation Industry.
- You may work full-time or part-time throughout the year
 - Positions are available during the spring and/or summer 2020 school year and your appointment may be extended throughout the academic year.
- You may be eligible for conversion to a Federal position upon graduation

**Volpe Center Spring/Summer Internships will likely be posted in October
on www.usajobs.gov**

Questions? VolpePathways@dot.gov

Sign up for our monthly newsletter: <https://public.govdelivery.com/accounts/USDOTVOLPE/subscribers/new>
Follow us [on Twitter](#) @VolpeUSDOT

We provide reasonable accommodations to applicants with disabilities where appropriate. If you require reasonable accommodations, contact Human Resources, Volpe Center, 55 Broadway, Cambridge, MA 02142 (617-494-2500). Determinations on requests are made on a case-by-case basis. (EEO/AA)



Volpe Pathways Internship Positions

Economists – Support projects that may include program and operational test evaluations, industry and cost studies, benefit cost studies supporting regulatory action and forecasting. Consulting projects are designed to assist clients through the development and use of decision support tools, and in the analysis of policy and program options relating to transportation systems.

Operations Research Analysts – Use analytical and communication skills to select and modify appropriate methods of operation, analyze results, and prepare reports. Projects may involve fuel economy, discrete choice analysis, automotive supply chain/market data and analysis, aviation systems, highway vehicle crashworthiness/crash prevention, Intelligent Transportation System (ITS) concepts, telecommunications, and/or navigation/surveillance systems.

Computer and Data Scientists – Opportunities in various technical divisions may include supporting the development of IT system requirements, data visualization, software design, enterprise architecture, system testing and deployment, infrastructure support, cyber-security services, geospatial/GIS analysis or safety data analysis using big data systems.

Engineering Psychologists/Human Factors – Perform a range of evaluation and analysis using laboratories, simulators and other research technologies/techniques to identify, develop, and apply the existing knowledge on human capability, judgment, and decision making to complex transportation systems to inform design and formulate policy. Areas of focus include: Aviation/Surface Transportation Human Factors, Safety Management, Safety Information Systems, or Safety Measurement & Analysis.

Policy Analysts – Serve on a team that researches, analyzes, develops, and implements policies and guidance. Project work may include emerging trends in transportation technology (connected and automated vehicles, vehicle-to-infrastructure communications, etc), decision analysis, risk assessment, economic regulations, qualitative analysis, strategic planning, program evaluation, environmental analysis/stewardship, transportation legislation, planning, professional capacity building, and community/stakeholder involvement.

Financial Analyst – Perform a wide range of finance/accounting tasks including payroll, labor, travel, accounts payable, accounts receivable and month-end balancing functions to support various branches and divisions within the Volpe Center.

General Engineers – Work in one or more of the following areas of engineering:

Aerospace Engineers – Work on a variety of projects that may include analysis of aviation noise, analysis of aircraft wake data collected by sensors at major airports, or planning, testing, and evaluating the FAA's Next Generation Air Transportation System (NextGen). Work will help improve air traffic safety, traffic congestion and mitigate environmental impacts.

Computer and Electrical Engineers – Use knowledge of computer engineering and programming to support projects such as: conducting cyber security assessments of automotive electronic control systems and controller area network, assessing system security for connected and automated vehicles or assist in the development of new software systems for aviation, marine and surface transportation systems.

Environmental Engineers – Analyze, interpret, and provide solutions to tasks associated with hazardous waste management and remediation; environmental preservation and conservation; and environmental compliance.

Mechanical and Civil Engineers – Work to support projects that investigate topics such as: vehicles and structures such as aging aircraft, tank car puncture resistance, automobile crash worthiness, railroad truck safety, graphic arts, statistics/dynamics, and highway/transportation engineering (highway design, construction, materials, survey and mapping, and asset management).