



U.S. Department of Transportation

## Multiple positions available in Cambridge, MA

The Volpe Center is currently hiring for 30+ positions center-wide at all levels (GS-7 to GS-14). 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 with several teams providing technical assistance on major projects from initial scoping through implementation and you may lead other projects. Positions require superb analytical, communication, and problem-solving skills and you must able to excel in an entrepreneurial, fast–paced workplace. Transcripts are required and if you are invited to interview you may be asked to submit writing samples prior to your interview.

To learn more about our work visit: https://www.volpe.dot.gov/about-us/careers & see announcements on www.USAJobs.gov

**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 and Community Planners – Serve on a team that researches, analyzes, develops, and implements policies and guidance. Possible policy work areas 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 or transportation legislation. Work will help increase the level of expertise of transportation professionals and contribute to the design and implementation of Federal transportation programs, strategic plans, and quantitative or qualitative evaluations.

**Environmental Protection Specialists** – Serve as a member of a team responsible for performing tasks within the functional areas of environmental compliance, consultation, water and air quality, and environmental management. Work on analyzing and interpreting the implications of Federal, State and local environmental regulations for government and other agencies.

## 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

APPLICATION INSTRUCTIONS - Send a resume, cover letter, college transcripts, and non-competitive eligibility letter to VolpeJobs@dot.gov

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.