Opportunity Title: Active Transportation Data Fellow
Opportunity Reference Code: USDOT-2024-BTS-ATDF

Organization	U.S. Department of Transportation (DOT)
Reference Code	USDOT-2024-BTS-ATDF
How to Apply	Click the *Apply* button below to start your application.

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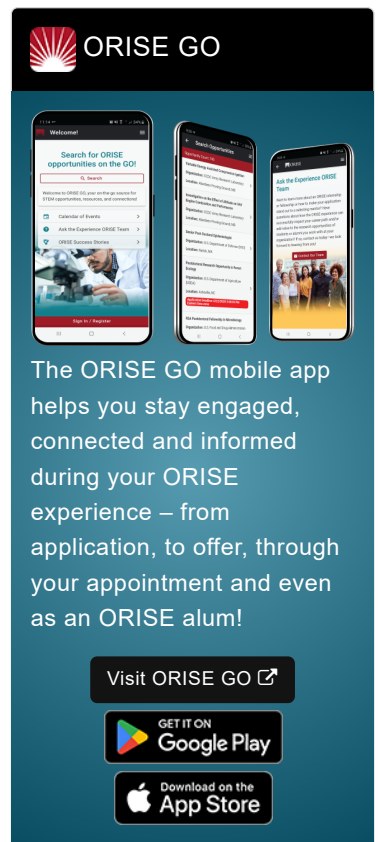
Description The Office of the Assistant Secretary for Research and Technology coordinates the U.S. Department of Transportation's (DOT) research programs and is charged with advancing rigorous analysis and the deployment of cross-cutting technologies to improve our Nation's transportation system. The Bureau of Transportation Statistics is the Principal Federal Statistical Agency that provides objective, comprehensive, and relevant information on the extent and use of the Nation's transportation system, how well the system performs, and the effects of the system on society and the environment.

Are you ready to learn how to build consensus around voluntary data standards and develop datasets that will provide our Nation with the accurate, reliable information we need to measure the accessibility and connectivity of the active transportation network (including walking, biking and rolling) to our communities? Do you want to help DOT, planning agencies, and researchers do a far better job of demonstrating the importance and role of active transportation in American society? Do you want to help identify and address gaps in universal accessibility and access to opportunity?   Take an appointment with our team and learn how to analyze the impact of the transportation system on connecting people in our communities. This research project and developmental opportunity is currently available at the U.S. Department of Transportation. The appointment will be served within the Office of the Assistant Secretary for Research and Technology and the Bureau of Transportation Statistics in Washington, DC as an Active Transportation Data Fellow.

Who are we? The Office of the Assistant Secretary for Research and Technology coordinates the U.S. Department of Transportation's research programs and is charged with advancing rigorous analysis and the deployment of cross-cutting technologies to improve our Nation's transportation system. The Bureau of Transportation Statistics is the Principal Federal Statistical Agency that provides objective, comprehensive, and relevant information on the extent and use of the Nation's transportation system, how well the system performs, and the effects of the system on society and the environment.

Qualifications Bachelor's degree (master's degree desired) in related field required (preferably in Geography, Social or Behavioral Science, Computer Science, Information Systems, Math or Statistics, Earth or Geo Science, Life, Physical or Environmental Science, Engineering, Business, Data Science, Data Visualization).

• Demonstrated experience in data visualization – dashboards (tableau, R shiny, etc.)

• Demonstrated experience in GIS and spatial mapping - experience with common tools QIS, Mapbox, Open Streetmaps

• Demonstrated experience with R or Python

• Demonstrated experience linking various socio-economic, health, and transportation datasets

• Strong written and verbal communications skills;

• A self-starter with the ability to perform work with limited supervision and changing outcome goals;

• Knowledge of and interest in U.S. transportation systems;

• Experience presenting results in a clear, effective, and attractive manner to inform next steps;

• Proficiency translating high level business requirements into detailed design specifications;

• Ability to work across various offices and work units to obtain information, collaborate on data-related projects, and validate findings and conclusions;

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Any degree .
- **Discipline(s):**
  - **Business** (11 👁)
  - **Chemistry and Materials Sciences** (12 👁)
  - **Communications and Graphics Design** (6 👁)
  - **Computer, Information, and Data Sciences** (17 👁)
  - **Earth and Geosciences** (21 👁)
  - **Engineering** (27 👁)
  - **Environmental and Marine Sciences** (14 👁)
  - **Life Health and Medical Sciences** (51 👁)
  - **Mathematics and Statistics** (11 👁)
  - **Other Non-Science & Engineering** (13 👁)
  - **Physics** (16 👁)
  - **Social and Behavioral Sciences** (30 👁)
- **Age:** Must be 18 years of age