

Opportunity Title: Infrastructure Economics Fellowship
Opportunity Reference Code: USDOT-2019-0006

Organization U.S. Department of Transportation (DOT)

Reference Code USDOT-2019-0006

How to Apply A complete application consists of:

- An application
- Transcripts – [Click here for detailed information about acceptable transcripts](#)
- A current resume/CV, including academic history, employment history, relevant experiences, and publication list
- Two educational or professional recommendations

All documents must be in English or include an official English translation.

If you have questions, send an email to USDOT@oraui.org. Please include the reference code for this opportunity in your email.

Application Deadline 4/15/2019 3:00:00 PM Eastern Time Zone

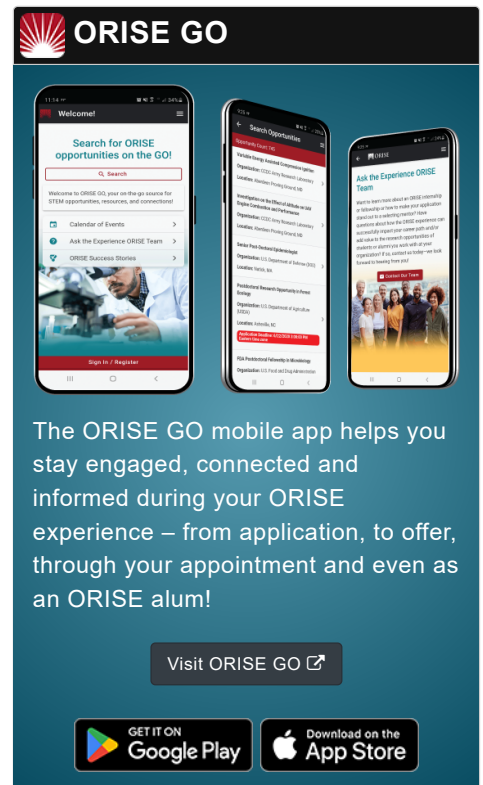
Description Have you ever wanted to influence and improve the effectiveness of transportation infrastructure at the national level? Are you detail-oriented and committed to producing economic products? Join us as we lead the development of new and improved approaches to infrastructure economics modeling and analysis.

You will learn to create economic analysis related to our Nation's transportation systems that are used by government officials, researchers, and the American people. To achieve your learning objectives, you will have the opportunity to collaborate with those other DOT offices and Federal agencies that help maintain infrastructure and economic data and analytical capabilities. Your learning opportunities will also include the ability to participate in inter-agency efforts relating to the development and improvement of transportation economic modeling and analytical applications.

Who are we? We are the U.S. Department of Transportation's Office of the Assistant Secretary for Research and Technology Office of the Assistant Secretary for Research and Technology. Our office is charged with providing and expanding opportunities for research collaboration and coordination, while upholding the integrity and impartiality of transportation statistical data.

Anticipated Appointment Start Date: April 15, 2019

This program, administered by ORAU through its contract with the U.S. Department of Energy (DOE) to manage the Oak Ridge Institute for Science and Education (ORISE), was established through an interagency agreement between DOE and DOT. The initial appointment is for five months but may be renewed upon recommendation of DOT and is contingent on the availability of funds. The participant will receive a monthly stipend commensurate with educational level and experience. Proof of health insurance is required for participation in this program. The appointment is full-time at DOT in the Washington, DC area. Participants do not become employees of DOT, DOE or the program administrator, and there are no employment-related benefits.

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Qualifications

The qualified candidate should be currently pursuing or have received a master's or doctoral degree in one of the relevant fields, with coursework in economics. Degree must have been received within five years of the appointment start date.

Preferred skills:

- Strong written and verbal communications skills
- Self-starter with the ability to perform 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 function across various offices and work units to obtain information, collaborate on data-related projects, and validate findings and conclusions
- Ability to collaborate with subject matter experts to identify and mitigate data limitations
- Experience using various programming languages to create processes that identify variation, investigate patterns and perform data interpretation against large datasets is a plus

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Master's Degree or Doctoral Degree received within the last 60 months or currently pursuing.
- **Academic Level(s):** Graduate Students, Postdoctoral, or Post-Master's.
- **Discipline(s):**
 - **Chemistry and Materials Sciences** (12 )
 - **Communications and Graphics Design** (1 )
 - **Computer, Information, and Data Sciences** (16 )
 - **Earth and Geosciences** (21 )
 - **Engineering** (27 )
 - **Environmental and Marine Sciences** (14 )
 - **Life Health and Medical Sciences** (45 )
 - **Mathematics and Statistics** (10 )
 - **Other Non-Science & Engineering** (5 )
 - **Social and Behavioral Sciences** (28 )