

Opportunity Title: Research on Regulatory Design, Benefit-Cost Analysis, and Economic Impacts

Opportunity Reference Code: EPA-OP-NCEE-2018-01



Organization U.S. Environmental Protection Agency (EPA)

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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 references

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

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

Description

A research training opportunity is currently available at the U.S. Environmental Protection Agency's (EPA) Office of Policy (OP)/National Center for Environmental Economics (NCEE), located at EPA Headquarters in Washington, DC.

The participant will be involved with NCEE economists and scientists in analyses and research efforts on regulatory design, benefit-cost analysis, and economic impact analysis. Analyses of major regulation traditionally focus on estimating the overall costs and benefits of a policy to society. The distribution of those costs and benefits is also of great interest but such analyses face a number of methodological and empirical challenges. The project will focus on improving methods for conducting distributional analysis through econometric analysis using highly disaggregated data on expenditures and the development of parameters estimates that can be used to calibrate computable general equilibrium models.

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 EPA. The initial appointment is for one year, but may be renewed upon recommendation of EPA 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 in the Washington, DC area. Participants do not become employees of EPA, DOE or the program administrator, and there are no employment-related benefits.




Qualifications

The qualified candidate must have received a master's degree in economics or a closely related field such as applied mathematics, statistics, operations research, biostatistics, or computer science. Degree must have been received within five years of the appointment start date.

Preferred skills:

- Experience in evaluating the economic impacts of regulation
- Ability to code in Stata, R, or other similar computer packages
- Experience conducting statistical and regression analysis using large data sets
- Background in econometrics, general equilibrium theory, and/or microeconomics
- Use of GIS

Eligibility Requirements

- **Citizenship:** LPR or U.S. Citizen
- **Degree:** Master's Degree received within the last 60 month(s).
- **Discipline(s):**
 - **Computer, Information, and Data Sciences** (16 )
 - **Mathematics and Statistics** (6 )
 - **Social and Behavioral Sciences** (5 )