

Opportunity Title: Analyzing the Economy-Wide Effects of Environmental Regulation

Opportunity Reference Code: EPA-OP-NCEE-2016-04

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 postgraduate 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) in Washington, DC.

The participant will be involved with NCEE economists and scientists in analyses and research efforts on benefit-cost research and techniques. The central focus of this research project is expected to be on developing new techniques and tools to incorporate the benefits and costs of environmental regulations in computable general equilibrium (CGE) models. Introducing complex non-price based policies into CGE models represents a challenge not yet robustly addressed by the economic literature, though the development of techniques for their incorporation could provide significant value for regulatory analysis. Similarly, there are serious technical challenges to consider when evaluating the benefits of environmental regulations (including health and non-market impacts of improvements in environmental quality) in an economy wide framework given how they propagate through the economy.

The participant will be involved in new and on-going research efforts focused on improving analysts' ability to overcome these challenges. Projects may include direct development of, and analysis with, CGE models and/or econometric analysis to inform the calibration of CGE models.

This program, administered by ORAU through its contract with the U.S. Department of Energy to manage the Oak Ridge Institute for Science and Education, was established through an interagency agreement between DOE and EPA.

Qualifications Applicants should have a PhD in Economics, be in the dissertation writing stage toward a PhD in Economics, or have received a doctoral degree in economics within five years of the starting date. Doctoral students will be required to show proof of enrollment each semester.

The appointment is full-time for one year and may be renewed upon





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recommendation of EPA and contingent on the availability of funds. The participant will receive a monthly stipend. Funding may be made available to reimburse the participant's travel expenses to present the results of his/her research at scientific conferences. No funding will be made available to cover travel costs for pre-appointment visits, relocation costs, tuition and fees, or a participant's health insurance. The participant must show proof of health and medical insurance. The participant does not become an EPA employee.

The mentor for this project is Richard Garbaccio
(garbaccio.richard@epa.gov).

- Eligibility**
- **Citizenship:** LPR or U.S. Citizen
- Requirements**
- **Degree:** Doctoral Degree received within the last 60 month(s).
 - **Discipline(s):**
 - **Mathematics and Statistics** ([1](#) )
 - **Social and Behavioral Sciences** ([2](#) )