

**Postgraduate Research Participation Program
National Center for Environmental Assessment (NCEA)
U.S. Environmental Protection Agency
Research Triangle Park, North Carolina**

Project # EPA NCEA-RTP 2007-03

Criteria Air Pollutant Assessment

Postgraduate research projects are currently available at the U.S. Environmental Protection Agency's (EPA) National Center for Environmental Assessment (NCEA). The appointments will be served in the Environmental Media Assessment Group (EMAG) in Research Triangle Park, North Carolina. The appointments are for an interdisciplinary project that will entail appointing up to eight postgraduate researchers with expertise in a range of scientific disciplines.

Project Description: NCEA is responsible for scientific assessment activities related to the effects of the criteria air pollutants (particulate matter, ozone, sulfur oxides, nitrogen oxides, carbon monoxide and lead). Such assessment activities are very broad and typically have significant implications for national and international environmental policy development and implementation. The participants will be involved in the review and evaluation of currently available scientific information for the purpose of developing integrated science assessment documents and communicating scientific information to other EPA program offices.

Specific Tasks: These research participants will be assigned to an interdisciplinary research project involved in the review and evaluation of currently available scientific information for the purpose of developing integrated science assessment documents. These assessments form key scientific support for future EPA regulatory decisions. Assigned projects may include reviewing scientific literature on the criteria air pollutants within specific disciplines and entering relevant data into a database. Participants will become familiar with application of scientific study data for air pollutants in the decision-making process.

Expected Results: The project results are an important component of the assessment of the science for health or environmental effects from exposure to a criteria pollutant. The participant may have the opportunity to publish findings and results in suitable, high-quality scientific journals and to present his/her research in a scientific forum.

Qualifications and Skills: Applicants should have received a degree in a field relevant to environmental sciences, such as epidemiology, ecology, toxicology, biology, statistics, physics, chemistry, computer science or information management within four years of the desired starting date. Experience in conducting literature reviews, interpreting scientific study results and preparing summary reviews is highly desirable. Current graduate school students are eligible to apply.

The program is open to all qualified individuals without regard to race, sex, religion, color, age, physical or mental disability, national origin, or status as a Vietnam era or disabled

veteran. U.S. citizenship or lawful permanent resident status is preferred (but can also hold an appropriate visa status, however, an H1B visa is not appropriate).

The appointments may be either part time or full time for one year and may be renewed upon recommendation of NCEA and subject to availability of funds. The participant will receive a monthly stipend. The participant must show proof of health and medical insurance. This can be obtained through ORISE. The participant does not become an EPA employee.

The Research Participation Program for NCEA-RTP is administered by the Oak Ridge Institute for Science and Education. ***Please reference Project #EPA-NCEA-RTP 2007-03 when calling or writing for information.*** For additional information and application materials contact: Research Participation Program/NCEA-RTP, Attn: Betty Bowling, Oak Ridge Institute for Science and Education, P.O. Box 117, Oak Ridge, Tennessee 37831-0117, Phone: (865) 576-8503 FAX: (865) 241-5219 e-mail: betty.bowling@ornl.gov.

An application can be found at www.ornl.gov/orise/edu/EPA/app-gugrgpd.pdf