

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

Project # EPA-NCEA-RTP 2008-05

**Expert Evaluation of Evidence on Health and Environmental Effects
From Exposure to Criteria Air Pollutants**

A research project for visiting scientists is currently available at the U.S. Environmental Protection Agency (EPA) National Center for Environmental Assessment (NCEA) Environmental Media Assessment Group (EMAG) in Research Triangle Park, North Carolina. This is an interdisciplinary project that will entail senior-level scientists with expertise in a range of scientific disciplines, as outlined below, to be involved in assisting NCEA in the assessment of scientific information.

Project Description: NCEA in the EPA's Office of Research and Development 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 participant 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: The participant may be involved in (1) critically reviewing scientific literature on the criteria air pollutants within specific disciplines (i.e., epidemiology, toxicology, human exposure, etc.); (2) evaluating complex questions regarding interpretation of scientific information; (3) conducting new analyses of scientific data to support the development of science assessments; or (4) writing sections of the particulate matter and other criteria pollutant science assessment documents.

Expected Results: The results from this project would likely be an important component of the assessment of the science for health or environmental effects from exposure to a criteria pollutant.

Qualifications and Skills: Candidates should have received a doctoral degree in a field relevant to environmental science, such as epidemiology, ecology, toxicology, biology, statistics, physics, or chemistry, and should have demonstrated expertise in their area of study.

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 appointment may be part- or full-time for one year and may be renewed for up to two additional years upon recommendation of NCEA and subject to availability of funds. The

project will largely be conducted independently, outside of the NCEA offices in Research Triangle Park, NC. The participant will receive a monthly stipend. The participant must show proof of health and medical insurance. **The participant does not become an EPA employee.**

The Research Participation Program for NCEA is administered by the Oak Ridge Institute for Science and Education. ***Please reference Project #EPA-NCEA 2008-05 when calling or writing for information.*** For additional information and application materials contact: Research Participation Program/NCEA, 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