

**Research Participation Program
U.S. Environmental Protection Agency
Office of Research and Development
National Center for Environmental Assessment
Research Triangle Park, North Carolina**

Project #: EPA-ORD/NCEA-RTP-2009-02

**Evaluation of Evidence on Health and Environmental Effects
from Exposure to Criteria Air Pollutants and IRIS Chemicals**

A research project is currently available at the U.S. Environmental Protection Agency (EPA) National Center for Environmental Assessment (NCEA) in Research Triangle Park (RTP), North Carolina.

Project Description: The National Center for Environmental Assessment 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) and chemical assessments in the Integrated Risk Information System (IRIS) program. Such assessment activities are very broad and typically have significant implications for national and international environmental policy development and implementation.

This is an interdisciplinary project that will entail scientists with expertise in a range of scientific disciplines, as outlined below, to provide assistance to NCEA in the assessment of scientific information. The program participants will serve on teams with scientific staff at NCEA on projects related to the evaluation of evidence on the health and environmental effects of criteria air pollutants and chemicals.

Specific Tasks: The participant will be part of an NCEA team that is involved in projects to review and evaluate currently available scientific information for the purpose of developing integrated science assessment documents and communicating scientific information to other EPA program offices. As part of the EPA team, the participant may be engaged in one or more of the following activities:

- reviewing scientific literature on the criteria air pollutants within specific disciplines (e.g., epidemiology, toxicology, human exposure, ecology)
- addressing complex questions regarding interpretation of scientific information
- conducting new analyses of scientific data to support the development of science assessments
- writing sections of integrated science assessment documents for Pb, O₃ or other criteria air pollutants or chemicals pollutants

Qualifications and Skills: Applicants shall have a doctoral degree and expertise in one of the following areas: epidemiology; toxicology; human exposure assessment; biostatistics; ecology; environmental chemistry or physics; or biology (including physiology, biochemistry, etc.). Faculty members at an accredited U.S. college or university are encouraged to apply.

Candidates must have the ability to review bodies of literature and develop sound conclusions based on information from multiple sources.

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.

Length of Appointment: 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 participant will receive a monthly stipend. The appointee will not be considered an employee of EPA. This appointment is designed to allow academic faculty to contribute to NCEA program needs. The participant must show proof of health and medical insurance. .

The Research Participation Program for EPA is administered by the Oak Ridge Institute for Science and Education. *Please reference Project # EPA-ORD/NCEA-RTP-2009-02 when calling or writing for information.* For additional information and application materials contact: Research Participation Program/EPA, 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.