

**POSTDOCTORAL RESEARCH PARTICIPATION PROGRAM  
NAVAL HEALTH RESEARCH CENTER DETACHMENT  
ENVIRONMENTAL HEALTH EFFECTS LABORATORY  
DAYTON, OHIO**

**Postdoctoral Fellowships in Molecular Biology and Biochemistry**

The Naval Health Research Center Detachment, Environmental Health Effects Laboratory (NHRC EHEL), located at Wright-Patterson Air Force Base, Dayton, Ohio, has a postdoctoral position for an outstanding viral, cellular, or molecular biologist to join a research team working in the nanotechnology area. You will conduct research on how metallic nanomaterials interact with and inhibit viral proteins and particles, using cell-based *in vitro* model systems to evaluate anti-viral effects and host cell toxicity. Postdoctoral fellows will have opportunity to publish research data in peer-reviewed journals and present at professional conferences.

**Benefits:**

Initially, this is a one-year fellowship with the possibility of a second and third year extension based on performance. Fellowship selection will be based on academic record, experience, recommendations, and research interests. The stipend ranges \$35,000-50,000 depending on experience and expertise.

**Requirements:**

- Completed PhD or ScD prior to start in toxicology, virology, molecular biology, or biochemistry; not more than 5 years postdoctoral research experience
- US citizens only
- Eligible for or in possession of a background security clearance
- Excellent verbal and written communication skills
- Experience with cellular and molecular biology techniques, specifically:
  - Protein purification
  - Electrophoresis
  - Chromatography
  - Mass spectroscopy
  - Enzyme assays
  - Microscopy (phase, SEM, TEM)
  - Cell culture
  - Viral vectors
  - Cytotoxicity assays

This project is administered for the NHRC EHEL by the Oak Ridge Institute for Science and Education (ORISE). For an application, send a copy of a current resume to:

Norma Ward  
P.O. Box 117-MS 36  
Oak Ridge Institute for Science and Education  
Oak Ridge, TN 37831-0117  
E-mail: [norma.ward@orau.org](mailto:norma.ward@orau.org)  
Fax: (865) 241-2890

**Be sure to reference project # NHRC 2006-01 in your submission.**

For technical questions about the project, contact Dr. Gail D. Chapman at [gail.chapman@wpafb.af.mil](mailto:gail.chapman@wpafb.af.mil).

It is the NHRC intent to recruit an applicant pool that reflects the diversity of our nation and to place participants without regard to race, age, gender, religion, color, national origin, mental or physical disability, or special disabled or Vietnam Era veteran status. Applications from individuals in these groups are strongly encouraged.