

**Internship: EPA Radiation and Indoor Environments National Laboratory
Center for Indoor Environments, Center for Radioanalysis and Quality Assurance**

This intern position will be located in the EPA's Center for Radioanalysis and Quality Assurance (CRQA). The Center is an operational unit of the Radiation and Indoor Environments (R&IE) National Laboratory, Las Vegas, Nevada and is co-located on the University of Nevada-Las Vegas (UNLV) campus. The Center is responsible for support of the laboratory's overall technical mission with laboratory-focused radiation analysis, technical support, and quality assurance assistance. The Center provides expertise in radiological emergency preparedness and response and provides quality technical support in the areas of sample preparation, hotline, decontamination, and analysis. The Center is also responsible for the development of analytical methods in support of radiochemistry and radioanalysis. The Center designs and implements studies pertaining to the radiological quality of the environment including evaluation, quality assurance project plan assistance, and data validation and interpolation.

The intern selected will be assigned to advance the state-of-the-science methodology for analysis of radioisotopes, specifically Radium 226. The analysis of Radium 226 is not performed at CRQA but it is performed at the EPA's National Air and Radiation National Laboratory (NAREL) located in Montgomery, Alabama. NAREL and R&IE are 'sister' laboratories governed under EPA's Office of Radiation and Indoor Air (ORIA). NAREL and R&IE regularly share information and collaborate on radiation projects.

The intern selected shall be assigned the following duties:

- Review the current Radium methodology being conducted at NAREL.
- Inventory the current equipment and methodologies being conducted at R&IE
- Summarize the Radium radiochemical analysis method in report form.
- Develop a Standard Operating Procedure (SOP) for use at CRQA.

The intern selected will report to the CRQA Director and will be assigned a team leader with experience and knowledge to guide the intern through a successful internship. The intern selected will attend regular CRQA staff meetings, R&IE 'all hands' meetings, and become familiar with normal laboratory and federal governmental activities. The intern selected will also have the opportunity to collaborate with students and instructors at the UNLV campus and use the UNLV facilities. Applicants must be either a United States citizen or permanent resident.

Send a cover letter and resume or vitae that addresses how you meet the requirements for this position, and contact information for three professional references (letters of recommendation are not needed).

Review of applications will begin on **October 2, 2006** and will continue until the position(s) are filled.

Applications should be addressed to:

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