



CARLSBAD ENVIRONMENTAL MONITORING & RESEARCH CENTER

NEW MEXICO STATE UNIVERSITY
1400 UNIVERSITY DRIVE, CARLSBAD, NEW MEXICO 88220

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Physical Scientist III (Internal Dosimetry), Requisition #2010000552

Date Position Advertised: January 27, 2010

Please send letter of interest; detailed resume; transcripts; and the name, telephone number, and affiliation of three references to:

Dr. James Conca (c/o Angela Najera)
Carlsbad Environmental Monitoring & Research Center
1400 University Drive, Carlsbad, NM 88220-3575
(575) 887-2759, anajera@cemrc.org

REVIEW OF APPLICATIONS BEGINS: February 12, 2010 and will continue until position is filled.

SALARY: Salary will be commensurate with qualifications and experience. Position is contingent upon continuation of funding.

QUALIFICATIONS: Bachelor's degree in Health Physics, Industrial Health, Environmental Sciences or related field and 3 to 4 years of experience working in a radiobioassay or other related field.

Knowledge of nuclear instrumentation; gamma spectroscopy; principles of radiation protection/health physics; basic principles of hazardous chemical/laboratory safety; instrument calibration; computer operations and standard software. **Skill in** written and verbal communication; self-organization and project prioritization; problem identification and resolution; database management and maintenance; basic statistical analyses and reporting. **Ability to** perform at a high-level quality is critical in order to maintain CEMRC's Radiation license; communicate effectively with co-workers; interpret and carry out complex, technical procedures; maintain a high level of quality control in all aspects of the job; be detail oriented; analyze and interpret technical data.

EXAMPLE OF DUTIES:

- Perform technical activities associated with conducting direct radiobioassays using a gamma-spectroscopy counting system in support of the Center's *In-Vivo* Radiobioassay program.
- Directly handle Plutonium and other radioactive materials on a daily basis.
- Assist CEMRC Safety Committee with the management and implementation of the various CEMRC Safety Programs including Radiation, Chemical, and Laser Safety, Hazardous Communication, and Hazardous/Radioactive Waste Management programs to ensure the Center operations are in compliance with all applicable Federal, State and University regulations.
- Responsible for onsite daily radiation safety.
- Perform related duties as assigned.

BENEFITS OFFERED: Group medical and hospital insurance, group life insurance, long-term disability insurance, state educational retirement, workers' compensation, sick leave, annual leave and unemployment compensation. Opportunity for educational advancement.

NMSU IS AN EEO/AA EMPLOYER. All offers of employment, oral and written, are contingent on the university's verification of credentials, individual's eligibility for employment in the United States and other information required by federal law, state law, and NMSU policies/procedures, and may include the completion of a criminal history check.