

Postdoctoral Research Opportunities
U.S. Army Corps of Engineers
Construction Engineering Research Laboratory

Analytical Chemistry

The Industrial Operations Branch, Construction Engineering Research Laboratory (CERL) of the U.S. Army Corps of Engineers, at Champaign, Illinois, has an urgent need to fill a position for a Postgraduate Research Associate in **analytical chemistry**. An immediate opening exists for an outstanding Ph.D. recipient with experience in an analytical laboratory, preferentially with an environmental emphasis. Expertise in gas and liquid chromatography and significant journal publishing are required. Mass spectrometry experience is a plus. Team-focused studies and major duties would include integrating with dynamic, multidisciplinary research groups performing work in understanding high temperature reactions of military smokes and obscurants, analysis of deposition rates and compositions, toxicological effects on aquatic organisms, and photolytic reactions on deposits.

Initially, this is a one-year appointment with the possibility of two one-year extensions. Selection will be based on academic record, experience, recommendations, and research interests. Stipend and potential relocation allowance are based on academic level, experience and expertise.

Requirements:

- Completed PhD not more than three years prior to start
- US citizen or U.S. legal permanent resident alien
- Excellent verbal and written communication skills
- Previous academic work/research publications in scientific areas of interest to CERL

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

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Be sure to reference project # CERL 2005-01 in your submission.

It is the CERL 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 all qualified individuals, including members of these groups, are strongly encouraged.