

## **The Ohio State University**

**The School of Earth Sciences and the Department of Chemistry in the College of Mathematical and Physical Sciences at The Ohio State University invite applications for up to two people in the area of carbon sequestration. One of the anticipated hires will be appointed the *Ohio Scholar in Subsurface Extraction and Sequestration Science*. The Ohio Scholar position is a Chair endowed by monies expected from the Ohio Third Frontier Program. Our intention is to make the appointment at the Full Professor level, however, outstanding candidates at lower ranks are encouraged to apply.**

Applicants with a doctoral degree and research interests, including but not limited to geological science, chemistry, physics, or related field, are encouraged to apply. We particularly seek individuals who employ integrative approaches to the analysis of fluid-rock interactions, or gas-material interactions and chemical conversion through fieldwork, laboratory experiments, or numerical modeling, as well as individuals who address the complex interactions among physical, chemical, and biogeochemical processes of sedimentary systems.

The successful applicants are expected to have an established record of academic research achievement through publications. They are also expected to contribute to the development, teaching, and enhancement of an education program in energy and environment at the graduate and undergraduate levels. Active research directly in geologic carbon sequestration and/or subsurface science is preferred, but not a requirement of applicants. The appointees are expected to develop and maintain an independent research program in the area of chemical and physical processes of geologic carbon sequestration, and expected to generate external funds sufficient to support a major portion of the research effort. Given the statewide aspect of the position, the Ohio Scholar is expected to have communication skills commensurate to being a scientific spokesperson for geologic carbon sequestration in Ohio, and involvement and representation of scientific and technological issues related to geologic carbon sequestration and related environmental issues nationally and internationally.

Applicants should submit a letter of application, curriculum vitae, and a statement of research interests and teaching philosophy. Candidates also should arrange for five confidential letters of recommendation to be sent under separate cover by the candidate's referees. Applications and letters should be sent to: Professor Jeffrey J Daniels, 275 Mendenhall Laboratory, 125 South Oval Mall, School of Earth Sciences, The Ohio State University, Columbus, OH, 43210. The anticipated start date for the position is January 1, 2010. Review of the applications will begin on March 1, 2009, and continue until the position is filled. Information about the School of Earth Sciences and Department of Chemistry can be found at <http://www.geology.ohio-state.edu> and <http://www.chemistry.ohio-state.edu>.

To build a diverse workforce Ohio State encourages applications from individuals with disabilities, minorities, veterans, and women. Flexible work options available. Ohio State is an EEO/AA Employer.