

**Postdoc Position Available
University of Wyoming**

A postdoctoral position is available with an annual stipend of 42,500 USD. Postdoc will have full employee benefit*, in addition to the stipend. The position is for 2 years, with potential extension to future years pending funding availability. The project will use parallel simulation to conduct porous medium permeability upscaling, reactive modeling, and uncertainty analysis in carbon geostorage modeling, in collaboration with the Los Alamos National Laboratory (LANL). Postdoc will be involved with using and modifying the LANL research code PFLOTRAN: <http://ees.lanl.gov/pflotran/>

A proof-of-concept study has been completed & is described:
http://faculty.gg.uwyo.edu/yzhang/Publications/TIPM_2011.pdf
<http://pubs.acs.org/doi/abs/10.1021/es103187b>

Required skills: Programming skills; familiarity with numerical techniques for solving partial differential equations (e.g., Finite Difference, Finite Element, Finite Volume).

Preferred skills: Experience with high performance computing (HPC) and Message Passing Interface (MPI); HPC-related libraries, e.g., PETSc, HDF5, mesh partitioning.

Interested applicant should email a CV to Dr. Ye Zhang (yzhang9@uwyo.edu). The CV should include the name and contact information of 3 referees and a concise (up to 2 pages) description of research interest. The applicant should hold a PhD degree at the time of the appointment. Application review begins now and will continue until the position is filled. The University of Wyoming (UW) is an affirmative action/equal opportunity employer. UW is dedicated to ensuring a safe and secure environment for our faculty, staff, students, and visitors. To achieve that goal, UW conducts background investigations on all prospective employees.

Up to 1000 USD is offered to help cover relocation cost. Please save all travel receipts.

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** Full employee benefit at the University of Wyoming includes social security, retirement, health (medical & dental) insurance, worker's compensation, long-term disability, and retirees insurance. The benefit package will cover the health insurance of the employee and spouse and children of the employee.