

**Postdoc Position Available
University of Wyoming**

A postdoctoral position is available 9/1/2011, with an annual stipend of 42,000 USD plus full employee benefits. The position is for 2 years, with potential extension to a 3rd year pending funding availability.

The project will conduct inverse modeling of enhanced oil recovery or CO₂ storage to estimate effective permeability parameters for a set of hierarchical reservoir models. The research will be conducted in collaboration with Schlumberger.

Examples of hierarchical reservoirs models are described:

http://faculty.gg.uwyo.edu/yzhang/Publications/TIPM_2011.pdf

<http://faculty.gg.uwyo.edu/yzhang/Publications/2010WR009707.pdf>

Required skills: familiarity with numerical techniques for solving partial differential equations;

Preferred skills: inverse modeling and history matching of numerical simulation models.

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.

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