

Postdoctoral research associate or more senior position available at Princeton University to participate in a multi-disciplinary research project sponsored by Carbon Mitigation Initiative at Princeton University <http://cmi.princeton.edu> in the Storage Group to study potential risks of injecting CO₂ underground for permanent storage. The required expertise is in the area of thermodynamics to model behavior of mixtures of carbon dioxide and brines. Of particular interest is the modeling of CO₂ boiling when leaking from the subsurface to the surface and associated phase changes and heat effects (cooling). The candidate must have a strong background in Chemical Engineering and thermodynamics and have familiarity with “flash” calculations as well as experience in coding is required (MATLAB and F77/F90 desirable). Anticipated start date: February 1, 2011. To apply, please submit a cv, short statement of interest, and contact information for three references through <http://jobs.princeton.edu> position #0110002. For more information, please contact: Prof. Jean H. Prévost at: prevost@princeton.edu. Princeton University is an equal opportunity employer and complies with applicable EEO and affirmative action regulations.