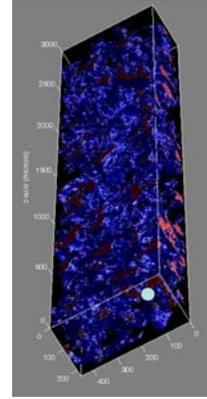
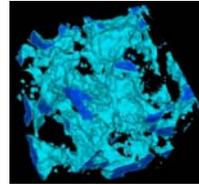
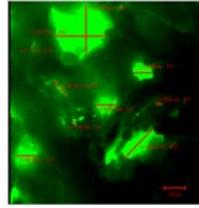


POSTDOCTORAL POSITION to study Transport and Fate of Environmental Agents in Porous Building Materials



Applications for a post-doctoral research associate position for a period of 2 years are invited with a starting date of as early as May 1, 2008. The initial appointment will be for one year, with a possibility of renewal for the second year depending on adequate performance in the first year. The successful applicant will focus on understanding and modeling the transport and fate of chemical and biological agents (through the use of surrogates) in typical porous building materials with the ultimate goal of rapidly predicting agent transport in field cases. We are looking for someone with strong computational skills and experience in multi-phase modeling. The candidate is expected to have an interest in experimental work as well, since the project also involves a significant experimental component employing techniques such as X-ray tomography, imaging, and physical modeling. A two-year commitment is desired. The successful applicant will work with Profs. Mandar Dewoolkar, Nancy Hayden and Donna Rizzo in addition to one to two graduate students at the University of Vermont.

The University of Vermont is located in Burlington, Vermont, often rated as the best small city in America, and enjoys a panoramic setting on the shores of Lake Champlain bordered by the Adirondack and Green Mountains. Roughly 150,000 people, from increasingly diverse cultural backgrounds, live in the greater Burlington area.

Those interested in applying for the position should contact:

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Applications are preferred via e-mail and should include a *cover letter* (stating specific interests, qualifications, and experience as it relates to the research project) and a *CV* (including names and contact information for three references). The search will continue until the position is filled, but applicants are encouraged to submit applications as soon as possible.