



Postdoctoral Scholar Position

The Department of Earth and Environmental Science at the University of Pennsylvania seeks a postdoctoral scholar to study microbial remediation of asbestos through chemosynthesis. The position involves the cultivation of chemosynthetic microorganisms relevant to Fe- and N-based energy metabolisms.

DESIRED LABORATORY SKILLS INCLUDE: (i) experience with microbial cultivation under batch and/or continuous culture conditions, (ii) experience with aqueous geochemistry techniques, (iii) experience with epifluorescent, SEM and/or TEM microscopy and (iv) basic molecular techniques. [Note: these are the required skills for the implementation of the project. Training in certain areas can be provided, as long as the intellectual motivation is well aligned with this research].

DESIRED ACADEMIC SKILLS INCLUDE: (i) team-working and interpersonal skills, (ii) excellent written and oral communication skills, (iii) commitment to developing peer-reviewed manuscripts, and (iv) desire to work at the intersection between geology, chemistry and biology.

The position includes full benefits and is for two years. Candidates should submit a CV, max 2-page statement of experience/interests and the names of 3 contact references. Please send application materials and/or informal inquiries to Dr. Ileana Pérez-Rodríguez (ileperez@sas.upenn.edu). The position is available starting September 1st. Applications are accepted until position is filled. The successful candidate must have completed his/her Ph.D. at the time of the appointment.

The University of Pennsylvania is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, age, protected veteran status, gender identity or sexual orientation. For complete University of Pennsylvania nondiscrimination and affirmative action policy see: <http://www.upenn.edu/affirm-action/>