

Position Title: PostDoc

Application Deadline: open until filled

Starting Date: 01.08.2017

Location (name institute/uni, place, country): University of Washington, Seattle, USA

Date when advert can be removed: 01.12.2017

The University of Washington invites applications for four postdoctoral scholar positions for two interdisciplinary projects in environmental engineering and environmental science. One project will involve the application of anaerobic and aerobic ammonium oxidation in the main wastewater treatment line. We are seeking candidates in a) reactor technology/process engineering b) mathematical modelling of biological systems and c) microbial ecology / physiology. The second project involves multi-omics studies of anaerobic food webs, combining field and laboratory analyses of organic matter transformation coupled to nitrate- and sulfate-respiring populations. Here we are seeking candidates with experience in anaerobic microbiology, field research, and reactor technology, and also having a working familiarity with recent advances in genetic and metabolite analyses.

Candidates from Chemical, Environmental or Bioprocess Engineering, or Environmental Microbiology are encouraged to apply. Review of applications will begin immediately, and will continue until all positions are filled. The position is available as early as August 2017, for a duration of one year, with opportunity for a second year depending on satisfactory progress and funding availability. To apply, send an email to mwinkler@uw.edu and dastahl@uw.edu with a one-page cover letter, a CV, a list of at three references, and copies of two relevant publications combined into one PDF file.