

## POSTDOCTORAL POSITION IN Environmental Biotechnology Laboratory

A postdoctoral research position is available to develop engineered anaerobic ammonium oxidation processes for side-stream and main-stream municipal wastewater treatment. Extensive research will be carried out using molecular biology tools including PCR/cloning, pyrosequencing, FISH and quantitative-PCR.

The ideal candidate should demonstrate the he/she meets the following qualifications:

- A PhD degree in Environmental Engineering or related areas with a solid background in wastewater treatment, anaerobic ammonium reduction (e.g., ANAMMOX) and molecular biological techniques
- A strong track record of refereed journal publications
- The ability to work independently
- Strong written and oral communication skills and
- Solid knowledge of advanced statistical approaches for analyzing complex molecular datasets is highly desirable.

The successful candidate will work in the Department of Civil and Environmental Engineering with Dr. Yang Liu. The candidate will be expected to assist in the training and mentoring of graduate students and writing research proposals. Teaching experience can be arranged if desired.

The appointment will begin in March 2017 or as soon as the position is filled, for an initial appointment of one year, but renewal for up to two additional years upon satisfactory performance. A competitive stipend will be awarded commensurate with experience.

### **To Apply:**

Please send a cover letter, CV, the names and contact information (address, phone number and email address) of three referees and one most relevant sample publication to:

Yang Liu, Ph.D., P.Eng.  
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T: 780 492-5115 (+1 if outside Canada)

### **Closing date:**

Position open until filled.

**We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.**

*The University of Alberta offers appointments on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities and Aboriginal persons.*