

**COLLEGE OF ENGINEERING**  
**Department of Chemical Engineering**

**PUKYONG NATIONAL UNIVERSITY**  
365, Sinseon-ro, Nam-gu, Busan, Korea 608-739  
Telephone: +82-51-629-6453  
Fax: +82-51- 629-6429  
E-mail: [jayliu@pknu.ac.kr](mailto:jayliu@pknu.ac.kr)

Title: Positions available at Pukyong National University, Busan Korea

Dear all,

We will have two or more positions open (for Master and/or Ph.D students) at the Intelligent Systems Laboratory (ISL, <https://sites.google.com/site/isystemslab>), Department of Chemical Engineering, Pukyong National University ([www.pknu.ac.kr](http://www.pknu.ac.kr)) available from March 1st, 2017. The students will be involved in one of my projects regarding process design and analysis of new & renewable energy production. The projects are supported by Korean governments including Ministry of Education and Ministry of Ocean and Fisheries.

The successful candidates for the positions will have a strong background in chemometrics, chemical process simulation, life cycle assessment (LCA), and/or supply chain optimization. In addition, familiarity with commercial/academic software (Simca-P, R, GAMS, MATLAB, Gabi, Open LCA, SimaPro, Aspen plus/HYSYS, ...) would be advantage. They also will be fluent in English, have good writing and communication skills, and have reasonable laboratory experience. A master/Ph.D student will receive a monthly stipend plus tuition fee.

A Qualified candidate with Master degree can start working at ISL as a researcher before March 1st, 2017. Interested applicants should submit a detailed CV, a brief statement of research interests and experience, relevant publications, and letters of recommendation. For any inquiry, feel free to contact me ([jayliu@pknu.ac.kr](mailto:jayliu@pknu.ac.kr)).

Thank you,

J. Jay Liu, Ph.D  
Associate Professor  
Department of Chemical Engineering  
Pukyong National University, Korea