

**Graduate Research Assistant (GRA) Opportunity  
Department of Agricultural and Biosystems Engineering  
Iowa State University**

A full-time position as a Graduate Research Assistant (GRA; PhD/MS student) is available in the group of Dr. Tae Hyun Kim. We are seeking a student with a background in Chemical, Biochemical, Agricultural, Food, or Mechanical Engineering.

This position will involve applied and fundamental study of the production of Biofuels and Bioproducts from various renewable materials, such as bioethanol, biodiesel, foods/food additives, biocomposites, and bio-based chemicals. The work is interdisciplinary, in that it involves questions relevant to Chemical/Biochemical Engineering, Biology, and/or Chemistry, but the student will be continually inspired to reach out to new fields. Interested students should discuss the opening with Dr. Tae Hyun Kim ([thkim@iastate.edu](mailto:thkim@iastate.edu); 515-294-7136).

The selection criteria are as follows:

1. Demonstrate superior ability and excellent academic performance.
2. Self motivated. A statement of motivation for each applicant must be included within Statement of Purpose required for admission.
3. Interested candidates should submit their application to the ISU Graduate School.

Program and Application Information:

- The student must be admissible to the graduate program in Agricultural and Biosystems Engineering at the Iowa State University. Details for admission criteria can be found at <http://www.grad-college.iastate.edu/programs/APResults3.php?apnumber=47>
- Questions about admission to the graduate program in the ABE Dep't (<http://www.abe.iastate.edu/>) at Iowa State University should be directed to Kris Bell at [kabell@iastate.edu](mailto:kabell@iastate.edu) or (515) 294-1033.
- Application Website: <http://www.admissions.iastate.edu/apply/index.php>
- Degree(s) Offered: Master of Science, Doctor of Philosophy

**Contact Information**

**Dr. Tae Hyun Kim**

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**About Biorenewable Engineering Laboratory (BEL; <http://www.ILoveDrKim.com/>):**

Biorenewable Engineering Laboratory (BEL) was started in 2007, and the role of the Laboratory in multidisciplinary research has been focused on the development of green technologies for the production of biofuels, bioproducts, and other value added chemicals/foods/food additives from the various renewable feedstock, such as crops, agricultural residues, and cellulosic wastes.

**About Department of Agricultural and Biosystems Engineering**

Since 1905, the Dep't of Agricultural and Biosystems Eng. (ABE), has been a leader in providing engineering solutions to agricultural problems in the United States and the world. ABE is ranked #2 in the country in the U.S. News & World Report's 2008. Overall, Iowa State's engineering program ranks 37<sup>th</sup>. ABE consists of diverse people who have different backgrounds in the Ag Eng, Chemical/Mechanical/Electrical Eng, etc.