

To: Undergraduate and graduate students in the Department of Entomology

From: T.-X. Liu

Re: To visit or conduct research in the State Key Laboratory of Integrated Pest Management, Chinese Academy of Sciences, in Beijing

The State Key Laboratory of Integrated Pest Management, Chinese Academy of Sciences, in Beijing, China, currently recruit undergraduate and graduate students and post-doc research scientists to conduct research (<http://www.ioz.ac.cn>). The duration of stay can be flexible, from a few months to a few years, depending on the research projects and mutual satisfaction and funding.

The State Key Laboratory of Integrated Pest Management was created in March 1991 with from the World Bank and loan the Chinese Academy of Sciences. It officially won the accreditation from the expert committee in October 1993 organized by the State Planning Committee and the approval from the Chinese Academy of Sciences. In 2001, the laboratory passed the national key laboratory evaluation organized by the National Natural Sciences Foundation of China and was formally accredited as the State Key Laboratory in agricultural pest management research. The laboratory is one of the top agricultural pest research institutions in the country based on its outstanding scientists, excellent facilities and exceptionally diverse research programs.

The research of the laboratory is focused on the major agricultural pest insects and rodents, which is an interdisciplinary endeavor including ecology, physiology, behavior, evolution biology, molecular biology, and information management, etc. Our specific research interests are in the areas of sustainable management of major pest populations based on micro and macro-sciences, Animal-plant Interaction, Insect resistance, pest adaptation and evolution at molecular level, impact of global change, biodiversity and GMO on major pest outbreaks and biosafety, and predication and monitoring systems for major pests. The laboratory is dedicated to develop theory and technology for sustainable management of major agricultural pests (insects and rodents) through integrated approach, and consequently contribute to the sustainable development of agriculture in China.

Since 1991, the laboratory produced 789 publications in referred journals with 109 papers in SCI journals while 638 in CSCD journals; 3 monographs in English and 17 in Chinese; 4 national invention patents while 7 more are in the applying process. It also has 11 technologies being transferred into practical pest management. The laboratory won various awards including one National Natural Sciences Achievement Award, twenty-four awards from the Chinese Academy of Sciences, Ministry of Agriculture and some Provincial Government for its excellence in research and contribution to the development of IPM theory and technology in China.

The laboratory offers outstanding academic programs for graduate student and postdoc preparation for careers in research, teaching, extension, business, or industry. Seven postdocs, 75 Ph.D and 61 Master students already graduated from the laboratory while currently there are still 3 postdocs, 55 Ph.D students, and 24 Master program students in the training program. Most of them are under various scholarships due to their outstanding academic performances.

The laboratory enjoys a long-standing and productive collaborations with many agencies, organizations worldwide including the United States of America, Australia, England, France, Japan, Russia, the Netherlands, South Korea etc. The laboratory is particularly proud of those collaborations resulted in cooperative research projects, exchange visit of scientists, and co-organizing international conference such as our cooperation with the CSIRO, Australia in wildlife. The laboratory also enjoys numerous collaborations with various domestic institutions.

The State Key Laboratory of Integrated Pest Management may pay all of your living expenses while you are doing research in the laboratory in China with a room in an apartment and a reasonable monthly stipend.

Several faculty members in our Department visited the Laboratory and the Institute of Zoology for one or more times. They are Dr. Brad Vinson, Dr. Jim Woolley, Dr. Marvin Harris, Dr. Megha Parajulee, Dr. Anthony Cognato, and Dr. T.-X. Liu (Dr. John Oswald? and others). Some have collaborative research projects with the scientists in the Lab. Please contact them for personal experience, impression and other information.

If any of you is interested to see and have experience of the real China, to taste the real Chinese foods, and conduct research in almost any field of research in insects and rodents for 6 months or longer, please contact me (tx-liu@tamu.edu).