Department of Grain Science and Industry Newsletter

November 2011

Congratulations!
Lijia Zhu and husband, Guanghi Tang, welcomed baby Tom on October 9, 2010. Tom weighed 6 lbs 13 oz. Best wishes to the new family.

Quick Links...
Grain Science & Industry

FACSS Annual Meeting

David Wetzel was heavily involved in the Federation of Analytical Chemistry and Spectroscopy Societies (FACSS) annual meeting in Raleigh, NC. At the October 17-21 conference, two different technical articles authored by Wetzel and colleagues will be released in print, in addition to two presentations.

One is contained in the two-volume text Applications of Vibrational Spectroscopy in Food Science and the other appears in the October issue of the journal Spectroscopy. The book chapter is "In situ Fourier Transform Infrared Microspectroscopy and Imaging of Wheat Kernels and Other Grains" and the 10-page journal article "Measuring Cellular -Scale Nutrient Distribution in Algal Biofilms with Synchrotron Confocal Infrared Microspectroscopy". Wetzel's presentations at the conference are entitled "Single modified starch granules rapidly imaged with focal plane array FT-IR microspectrometer illuminated by multiple combined synchrotron beams" and "Experimental considerations for quantitation of solid mixtures from focal plane array near-IR imaging data".

Welcome Quenten

Quenten Allen has joined the GSI family as the Milling Operations Manager. Quenten will be responsible for managing the day to day operations of the Hal Ross and Sheilengerber flour mills, as well as the experimental mill under the general direction of the milling faculty.

Mr. Allen is a 2006 graduate of our Milling Science & Management program. He started as a production supervisor with Kraft Foods-Nabisco in their Toledo, OH facility and, most recently, Business Unit Manager in their Fair Lawn, New Jersey facility. His responsibilities during the past 5 years in industry have included supervising flour production in a 30,000 cwt/day facility, serving as continuous improvement engineer with Nabisco's North American Milling cluster, leading process improvement projects in their U.S.

bakeries, serving as project manager for SAP implementation and facilitating learning experiences, and managing mixing and baking operations of a 120 million lb/year facility.