Baolong Bai

Assistant College Professor
New Mexico State University
ECONOMICS, APPLIED STATISTICS AND INTERNATIONAL BUSINES
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Education:

Master of Science, Applied Statistics
New Mexico State University, Las Cruces, New Mexico, USA

Master of Science, Analytical Chemistry
New Mexico State University, Las Cruces, New Mexico, USA

Master of Polymer Science and Engineering
University of Science and Technology of China, Anhui, China

Bachelor of Polymer Science and Engineering
University of Science and Technology of China, Anhui, China

Course taught:

A ST 251G – Statistics for Business and Behavioral Sciences   Spring 2015

Previous Positions:

Institutional Researcher   **October 2011 – January 2015**

Institutional Analysis, New Mexico State University, Las Cruces, New Mexico, USA
- Prepare data analysis (data cleaning, recoding, assigning variable labels and values, aggregation, restructuring data, merging)
- Perform statistical analyses using SAS for requests from university president, provost or faculties
- Prepare data for IPEDS, CSRDE, and HED request
- Make error report every semester before census date for Banner data system
- Perform retention and graduation analysis for cohort students
- Predictive analysis on future enrollment

Conferences Attended:

- Association for Institutional Research Annual Forum 2012—New Orleans, Louisiana.
- SAS Global Forum 2012—Orlando, Florida
- SAS Global Forum 2013 – San Francisco, California

Publications:

- Differentiating among plant spectra by combining pH dependent photoluminescence spectroscopy with multi-way principal component analysis (MPCA), 2011, *Anderson, DM, Danielson TL, Obeidat SM, Rayson GD, Estell RE, Bai B, Fredrickson EL*, The Open Agriculture Journal, V5, pages 1-9.

- A Multi-Source Portable Light Emitting Diode Spectrofluorometer, 2008, *Safwan Obeidat, Baolong Bai, Gary D. Rayson, et al*, Applied Spectroscopy, V62, Issue3, pages 327-332

- Thermally Stimulated Depolarization Current in Ferroelectric Blends of Copolymers of Vinylidene Fluoride with Trifluoroethylene, 2003*, Baolong Bai, Xingyuan Zhang, et al,* Ferroelectrics, V297, Issue 1, pages 75-81