

EDUCATION:**Purdue University**, West Lafayette, IN**Master of Science:** Statistics (GPA: 3.9/4.0)--[05/04]**Master of Science:** Medical Sociology (GPA: 4.0/4.0)--[07/02]**Tsinghua University**, Beijing, P.R.China.**Bachelor of Economics:** Enterprise Management --[07/00]**Bachelor of Art:** English Language & Literature--[07/99]**PUBLICATIONS:****Clark County Antibioqram.** Last updated July, 2007. Available at <http://www.southernnevadahealthdistrict.org/>.**Clark County Health Status Reports.** Copies of the reports available from Office of Epidemiology, Southern Nevada Health District, PO Box 3902, Las Vegas, NV 89127. Also available at http://www.southernnevadahealthdistrict.org/community_report.htm.**Working Paper:** *Using state-level Behavioral Risk Factor Surveillance System data in cardiovascular disease risk assessments.* (Abstract presented at 2007 CSTE Conference).**PROFESSIONAL EXPERIENCE:****Southern Nevada Health District**, Las Vegas, NV• **Biostatistician**

[05/04-Present]

Implement sampling and data processing, use statistical computing programs to visualize trends, associations and projections, use effective presentation and writing skills to communicate statistical concepts, methodology and findings to disease investigation specialists, support high quality databases for communicable and chronic disease surveillance. Compile community health status report to help track community health conditions and identify priority health issues. Develop key health status indicators to measure and monitor local disease trends and patterns. Also play a major role in the ongoing collection, integration, analysis and dissemination of antimicrobial resistance data obtained through various local data sources.

Purdue University, West Lafayette, IN• **Software & Design Consultant** for the university community

[08/02-05/04]

Provided assistance with the set up and running of a wide variety of statistical computing programs, including SAS, SPSS, Minitab, S-Plus, and various phases of research project including proposal preparation, survey, design, analysis of data, interpretation of results, and other statistics or probability problems.

• **Instructor & Teaching Assistant** for the Statistics Department

[08/02-05/04]

Gave lectures on probability and statistics with broad-based applications. Used effective presentation and oral communication skills to help apply statistical concepts and methods in decision-making. Received consistently good ratings from the students.

• **Volunteer Statistical Analyst** for the local community

[08/02-05/04]

Offered free professional assistance to governmental and non-profit groups on a wide variety of statistical issues including using data to improve decision-making processes, designing and analyzing surveys or experiments, identifying and visualizing trends and associations in the data, making predictions and projections, finding meaningful information when large amounts of data are available, etc.

• **Camp Counselor** for Camp Calcium Research Project, Foods & Nutrition Department

[05/01-08/01]

Motivated team members to achieve campaign objectives as well as personal goals. Helped establish, compile and analyze daily metabolism data.

• **Teaching Assistant & Lab Consultant** for the Sociology & Anthropology Department

[08/00-07/02]

Assisted in teaching duties, data processing and management, provided technical support to faculty and staff in all computer-related questions and issues.

Ubi-Soft Corp. (multinational software company specializing in game products), Shanghai, P.R.China.• **Marketing Consultant**

[05/98-05/00]

Designed market surveys, conducted quantitative analyses on market information and recommended penetration plans for the promotion of game software. Utilized interactive computer decision models for analyzing, planning and implementing marketing strategies and tactics.

Career Planning & Adult Development Center, Beijing, P.R.China• **Assistant Trainer & Researcher**

[05/97-05/98]

Coached CPE (continuing professional education) program participants in presentation and communication skills, studied CPE programs in both U.S. and China, and developed proposals for the teaching management program of the National Accounting Institute.

China Today Periodical (leading multi-lingual periodical company), Beijing, P.R.China.• **Co-editor & Contributor**

[08/95-08/97]

Actively engaged in writing, researching and reporting issues of social concern.

COMPUTER SKILLS:

SAS, R/S-Plus, SPSS, Mathematica, Matlab, Maple, LISREL, MS Excel, Access, Word, PowerPoint, FrontPage, Photoshop, C/C++, WINXP, SQL, UNIX, GIS, etc.

MEMBERSHIPS:

Institute of Mathematical Statistics, American Statistical Association, Council of State and Territorial Epidemiologists