

Ai-Chu Wu, Ph. D. Statistical Consulting <http://hometown.aol.com/aichuwu/myhomepage/business.html>
Phone: (707)-570-2611 **Fax:** 526-6449 **Email:** aichuwu@aol.com

Qualification:

Personal: Enthusiastic team player; Innovative problem solver

Technical: Theoretical and applied statistics; Computer skills

Consulting: Process, quality, and customer-focused consultant for individuals and companies

Teaching: Effective and patient facilitator and teacher

Communicational: Advanced Toastmaster Bronze Certificate in public speaking; Proficient in Chinese

Leadership: Passionate leader; Competent Leader Certificate ([Toastmasters International](#))

Education:

Postdoctoral Fellow in Biostatistics, University of California at Berkeley, 1983-1985

M. P. H. in Biostatistics, University of California at Berkeley, 1985

Postdoctoral Fellow in Biology, Wayne State University, 1980 - 1981

Ph. D. in Population Ecology, University of Illinois at Chicago, 1981

B.S. in Zoology, National Taiwan University, 1973

Experience:

President, Santa Rosa Noon Toastmasters, July 1, 2002-Present

Led the executive committee to establish the goals and action plans for the club to provide an environment to grow and for all club members to improve their communication and leadership skills.

Led the weekly meetings to follow through the club success plans.

Adjunct Professor, Math Dept., Sonoma State University, August 1999-Present

Courses: Algebra, Finite Math, Elementary and Intermediate Statistics, Statistical Consulting, Math Colloquium. Sample Class Web page: <http://www.sonoma.edu/users/w/wu/math165/>

Founder, Ai-Chu Wu, Ph. D. Statistical Consulting, Jan. 1999-Present

Provide teaching and consulting services to help clients improve process quality and customer satisfaction through collecting optimal data, selecting informative analyses, and making confident conclusions.

Quality Programs Manager, Santa Rosa Systems Division, Hewlett-Packard, 1996-1999

Developed and managed the quality program group. Collected and organized real-time voice of the field, voice of the customer, and voice of the product, as well as designed and maintained a website providing quarterly reports for all business organizations. Managed the warranty report system for all Sonoma County divisions and reduced the annual budget by 20%.

Steering Committee Member, ASA Quality & Productivity Research Conference, 1995-2001

Promoted cooperation among academia, industry, and government in statistical applications. Visit ASA Q&P Section web site - <http://web.utk.edu/~asaqp/>

Co-Chair, 1998 ASA Quality & Productivity Research Conference, 1996-1998

Raised \$5000 from HP to sponsor the conference; solicited the co-chair from UC Berkeley; and designed, organized, and implemented the conference. Created conference databases and web pages.

Senior Quality & Statistical Consultant, Hewlett-Packard, Sonoma County Divisions, 1994-1996

Provided teaching and consulting to over 4000 employees. Projects: customer surveys, statistical process control, total quality management, human engineering, tolerance analysis, reliability designs.

Senior ISO 9000 Auditor (Process Assessor), HP, Sonoma County Divisions, 1994-1999

Developed audit questions and performed monthly audits. Provided real-time consulting and reports. My questions and reports were shared as best practices in the auditors' forum.

Mentor, Women and Minority Employee Network Groups, Hewlett-Packard, 1992-1999

Facilitated teamwork and process improvement. Designed and maintained the record books. Both groups were recognized by the management teams for contributions to diversity and inclusiveness in HP Sonoma County.

Statistician, Sonoma County Divisions, Hewlett Packard, 1986-1994

Provided quality and statistical teaching and consulting to HP employees.

A sample project, Statistical Tolerancing: A Case Study, paper was presented at the first HP Technical Women Conference and at the Sematech Statistical Symposium representing HP.

Senior Programmer Analyst & Statistical Consultant, SF Dept. of Public Health, 1985-1986

Computerized the AIDS database for SF city and county. Provided trend and survival analyses and monthly reports of AIDS to the city mayor. Helped the health educator to develop a database of physicians. Documented the processes and made the job transition seamless when recruited by HP.

Programmer, Biostatistics Dept., UC Berkeley, 1982

Lecturer, Biology Dept., University of Illinois at Chicago, 1980

Community Services:

Volunteer, Women In Technology International Conference, June 2002

Speech Judge, North Bay Regional Academic Decathlon, 2000-Present

Workshop Presenter, [Expanding Your Horizons Conference](#), 1993-Present

Encourage 8th grade girls to explore math and science.

Workshop title: Play Your Favorite Statistical Game.

Team Captain, United Way, Hewlett-Packard SRSD Marketing, 1998

Member, Board of Directors, Konocti Girl Scouts Council, 1996-1998

Evaluator, National Girl Scouts Self Evaluation for Konocti Council, 1995-1996

Conference Evaluation Designer and Analyst, Expanding Your Horizons Conference, 1993

Tai-Chi Master, Redwood Empire Chinese Association, 1993-1995; Hewlett-Packard, 1996-1999;

Santa Rosa Airport Health Club, 2002-Present

Career Adviser, Math. Assoc. of Amer., Women and Mathematics for K-12 students, 1988-1995