

Winston C. Liao

Over 29 years of professional experience designing and conducting clinical trials and managing projects that evaluate pharmaceutical products, medical devices, and health programs. Has been project director or group leader coordinating activities for disease intervention/education programs; disease management; health outcomes research; HIV/AIDS multi-center trials, bioavailability, and bioequivalence studies of generic drugs and multicenter trials of female systemic and barrier contraceptives; risk assessment; observational database studies; and program evaluation. Has also developed and managed quality assurance systems for projects, including those that apply to data quality and field quality at the data collection sites.

PROFESSIONAL EXPERIENCE

2007 – Present **Division of Public Health, North Carolina Department of Health and Human Services**

Raleigh, NC

Epidemiologist

Responsible for asthma surveillance activities in the North Carolina Asthma Program; provide assistance to other Program staff for education, outreach, and research activities; participate in partnerships with asthma- and other health-related groups to enhance asthma surveillance and to effect changes in asthma management and control; support epidemiologic activities within DPH's Chronic Disease & Injury Section; collaborate with other DPH branches, centers, and programs to conduct analyses of asthma-related data.

2005 – 2007 **Fulcrum Pharma Developments, Inc.**

Morrisville, NC

Senior Project Manager

Managed and coordinated clinical development projects, including three Phase I oncology studies; supported cross-functional teams during clinical phase of drug development; assisted with company business development and marketing activities; participated in strategic planning activities for company and clinical group.

1982 – 2005 **Research Triangle Institute**

Research Triangle Park, NC

2002 – 2005 **Senior Research Education Analyst**

Collaborated with Center for Research in Education and other RTI staff on projects involving asthma intervention research, women and children's health, and school- and community-based

education. Assists with Center planning, program development, and proposal preparation efforts.

1995 – 2001 **Senior Research Analyst**

Served as project director for a master agreement contract with a commercial client that provided data management and data analysis support for health outcomes research and observational database program. Assisted RTI Health Solutions business unit with business development and other marketing activities. Managed multitask project providing infrastructure support, data management, and analytic services to a commercial client in support of its disease management programs. Assisted in marketing RTI's clinical trials and health outcomes research capabilities. Served as in-house consultant to RTI's Clinical Site Monitoring Group project staff.

1994 – 1995 **Associate Program Director**

Assisted Clinical Research and Evaluation Center Director with program development, marketing, and management of government and commercial projects. Served as project administrator for RTI's Clinical Site Monitoring Group and as project director for the Subject Interview Study.

1990 – 1994 **Associate Program Director**

Assisted Director of the Center for Epidemiologic and Medical Studies with program development, marketing, and management of government and commercial projects. Took leave of absence 1990-1991 from RTI to serve as project director of the Clinical Site Monitoring Group. Served on project staff for "Design Study to Evaluate the Vaccine Adverse Event Reporting System."

1989 – 1990 **Special Assistant to the Director**

Assisted Director of Center for Epidemiologic and Medical Studies with research design/methodology, marketing and program development, proposal writing, and contract negotiations for medical/epidemiologic studies. Provided in-house consultation on clinical trials monitoring and management. Directed clinical trials monitoring project for commercial client. Served as ombudsman/liaison for project groups within the Center and between other RTI groups.

1987 – 1989 **Senior Research Analyst**

Managed the Center for Health Research's programs on pharmaceutical and medical device evaluation. Served as co-task leader for clinic monitoring/protocol management for the Clinical Trials Coordinating Center for the NIAID AIDS Clinical Trials Group. Directed clinical trials monitoring project for commercial client.

1982 – 1987 **Research Analyst**

Managed the Center for Health Research's programs on pharmaceutical and medical device evaluation. Served as project leader for clinical bioavailability/bioequivalence studies of generic drugs. Served as task leader for monitoring and quality assurance for the CTCC. Served as project director of a data coordinating center for a multicenter clinical trial of a newly developed contraceptive device.

1979 – 1982 **International Fertility Research Program (currently FHI)**

Research Triangle Park, NC

Project Leader/Scientist

Managed programs in clinical trials of female systemic and barrier contraceptives, including research design, protocol and forms development, study implementation and monitoring, data processing and analysis, and supervision of project group staff. Conducted epidemiologic studies on long-term effects of various contraceptive methods, clinical trials of vaginal chemoprophylaxis and sexually transmitted diseases, clinical trials of fertility awareness methods, and sociomedical studies relating to contraceptive use.

1975 – 1979 **University of Mississippi**

Oxford, MS

Assistant Professor

Taught upper-level undergraduate courses in public health and community health organization; graduate courses in research design/methodology, statistics, epidemiology, and medical sociology. Conducted research on medical care utilization, preventive health behavior, health status, health care evaluation, and environmental health.

EDUCATION

M.P.H., Community Health - 1971

University of Texas School of Public Health, Houston, TX

B.A., Psychology - 1970

Case Western Reserve University, Cleveland, OH