
Rebecca Rumbaugh Bowman

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EXPERIENCE SUMMARY:

Ms. Rumbaugh is an information systems and database development specialist with extensive experience in working with people to define and develop information systems and skills required to build dynamic information systems. She has successfully trained individuals ranging from technically sophisticated to inexperienced computer users working in over ten different countries, 19 industries, with over 90 clients in both the public and private sectors. These services have been provided in the United States for over twenty years and to the international clients since 1995. Her specialties are working with people as a technical advisor, developing conceptual frameworks, managing logistics and resources, applying technology, and transferring skills in computer literacy.

PROFESSIONAL RECORD:

INFORMATION BY DESIGN, INC. 1988–present

Founder and President. Design database and accounting systems. Full spectrum of services from assessing information needs to implement fully customized information systems for public and private sector clients.

- ***Oak Ridge National Laboratory (2008 – Present)***
Serving as the technical analyst/strategy specialist for the Center for BioEnergy Sustainability (CBES). Working with the Director to launch CBES, organize and manage CBES' Forums, Website, and Workshops:
 - **U.S. – China Biofuels Cooperation** (November 28 – December 6, 2010)
Organized preliminary video-teleconference with stakeholders in Beijing, Idaho National Laboratory, National Renewable Energy Laboratory, and Oak Ridge National Laboratory. Assisted in organizing presentations and tour of DuPont Danisco Cellulosic Ethanol biorefinery.
 - **A Watershed Perspective on Bioenergy Sustainability** (February 3 – 4, 2010):
Sponsored by the National Council for Air and Stream Improvement, Inc. (NCASI), the U.S. Department of Energy's Office of Biomass Program, and the Center for BioEnergy Sustainability (CBES) focused on a watershed-scale perspective of cellulosic bioenergy feedstock sustainability. The workshop included researchers from ORNL, Savannah River Site, NCASI, Weyerhaeuser, academic institutions, and other private industry groups.
 - **Sustainability of Bioenergy Systems: Cradle to Grave** (September 10-11, 2009):
Included participants from ORNL and the Environmental Protection Agency, and focused sustainability issues associated with feedstock production and transport, production of biofuels and by-products, and delivery and consumption by the end users.
 - **Land-Use Change and Bioenergy** (May 11–14, 2009):
Sponsored by the U.S. Department of Energy Biomass Program and included more than 50 experts from around the world who gathered to review the state of the science, identify opportunities for collaboration, and prioritize next steps for the research and data needed to address key issues regarding the land-use effects of bioenergy policies. A key outcome of the workshop was the identification of research areas that may improve our understanding of land-use change in a bioenergy context.

Serving as the technical analyst/strategy specialist for the China-US Feedstock Assessment Project, (February 2010- present) working with to facilitate collaboration between DOE - Washington, DOE – Beijing, USDA, and other national labs and assist with the planning and coordination of a study tour for our Chinese counterparts in the US.

Serving as the technical analyst/strategy specialist for the Wind and Water Power Technologies (June 2010 – present). Working with the Program Manager to organize and facilitate the Science, Technology, and Policy Summit on Carbon Cycling in Water Storage Reservoirs Workshop, and organize program publications and presentations.

Academy for Educational Development – Washington, D.C. (2006 – 2007)

Serve as international technical advisor for the Georgia Education, Decentralization, and Accreditation (GEDA) project with primary emphasis in monitoring and evaluation of the Ministry of Education and Sciences and the internal evaluation of the GEDA project.

➤ **Republic of Georgia**

▪ ***The Mitchell Group- Washington, D.C (2002-Present)***

Worked closely with all stakeholders to design, develop, and provide materials for conducting training seminars for the computer based information system for monitoring and evaluating USAID educational project for the Quality Improvement in Primary Schools (QUIPS) project.

➤ **Ghana**

Serve as International Technical Assistant to the USAID Nigeria Monitoring, Evaluation, and Management (MEMS) project developing a national roster of monitoring and evaluation consultants and designing the initial iteration of the annual reporting database through collaboration with the USAID strategic objective team members and implementing partners.

➤ **Nigeria**

▪ ***Harvard Institute for International Development – Cambridge, MA. (1995 – 2002)***

Designed and developed customized education management information systems (EMIS), creating custom training materials and conducting seminars for the implementation and ongoing system development by staff at the federal levels, for the Ministries of Education in:

➤ **Jamaica**

➤ **Malaysia**

➤ **Ghana**

Designed, developed, and implemented customized information system to support the Girls' Attainment in Basic Literacy and Education (GABLE) and provided extensive training for the central level of the Malawi Ministry of Education staff:

➤ **Malawi**

In association with Drs. Noel McGinn, Thomas Welsh, and Conrad Wesley Snyder, developed and produced DECIDE, a simulation program for decentralizing educational decision-making. Conducted training seminars in:

➤ **United Arab Emirates**

➤ **South Africa**

➤ **Ghana**

▪ ***Summary of system development and staff training by industry:***

Accounting	Government
Advertising	Health Care
Agriculture	Insurance
Appraisal	Manufacturing
Attorneys	Monitoring and Evaluation
Aviation	Native American Tribal Administration
Computer Training Centers	Oil and Gas
Education	Retail
Finance	Real Estate

- *Clients include (full client list available on request):*

<ul style="list-style-type: none"> KLD Research and Analytics, Inc. Louisiana State University Medical School California Department of Education BP International, Inc. Atlantic Richfield Company 	<ul style="list-style-type: none"> Mescalero Apache Indian Tribe U.S. Bureau of Land Management U.S. Immigration and Naturalization Service New Mexico Department of Labor Select Milk Producers
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EASTERN NEW MEXICO UNIVERSITY (1987-1995)

Instructor. Taught courses on DOS, Lotus, WordPerfect, and courses on systems and application development using dBASE and FoxPro. Developed and administered customized workshops and training seminars through the University for a wide range of private businesses and government agencies.

CITIZENSHIP: United States of America and The Chickasaw Nation

EDUCATION: University of Phoenix (1997–1999), Information Systems
 IBM Certified (1989), Education Networking and OS/2 Systems
 Open Systems Accounting (1987), Qualified Administrator
 Eastern New Mexico University (A.A. 1981), Accounting

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