

## **Summary of Credentials and Experience of Collin County Community College District Department Chairs**

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Name: Daphne Hall Babcock

Title: Anthropology, Geology, and Environmental Science Department Chair

Years of CCCCDC Service: 4

### **Academic Preparation:**

Highest Degree: M.S.

Institution: Memphis State University

Field/Discipline: Geology

Other Degree: B.S.

Institution: Mississippi State University

Field/Discipline: Geology

Other Degree: N/A

Institution:

Field/Discipline:

### **Other relevant Certification/Licensure:**

Texas Professional Geoscientist, License Number 6254

OSHA Approved Instructor for General Industry

### **Professional Experience:**

Current Position:

Professor of Environmental Science and Anthropology, Geology, and Environmental Science  
Department Chair

Collin County Community College District

Dates: January 2000 to Present

Primary Responsibilities: As professor I teach Environmental Science and/or Geology. In addition, as department chair I manage departmental academic affairs, which includes class schedules, syllabi, credentials of the department faculty, course inventory and catalog. It is also part of my responsibility to assist with the development of and to implement the academic strategic plan within the department. I recruit, interview and recommend employment of associate faculty in consultation with full-time faculty in the department and coordinate with full-time faculty the mentoring, class visitation and written evaluation of associate faculty.

## **Previous Work Experience:**

CAMP DRESSER & MCKEE INC. (CDM) 1994 – 2000

Project Manager, Task Manager, and Project Health and Safety Coordinator

- Task manager and project geologist for a remedial investigation/feasibility study (RI/FS) at a major pesticide manufacturing facility in Tennessee. The investigation includes the delineation of waste burial sites; an assessment of landfill cap materials; a karst investigation using dye tracer testing to develop a monitor program to identify the migration of substances from the waste burial areas; groundwater, surface water, and sediment sampling; and a risk assessment.
- Onsite coordinator and liaison between the client (City of New York), state regulatory agency (New York State Department of Environmental Conservation), and subcontractors for RI/FS of Brookfield Avenue Landfill, a portion of the Fresh Kills Landfill, Borough of Staten Island, City of New York, New York, which is in a coastal marshlands area. RI activities completed at the site included waste, hydrogeologic, leachate, air, soil gas, and surface water and sediment characterizations to determine the nature and extent of contamination associated with the site.
- Project manager and project geologist for numerous limited and comprehensive site assessments and risk-based corrective actions (RBCAs) of UST and dry well/disposal well sites for the Texas Department of Transportation.
- Task manager for a major Superfund site in west Dallas to investigate the extent of lead, arsenic, and cadmium in soil, as a result of the operations of a nearby lead smelter.
- Project manager for numerous Phase I and Phase II environmental audits and regulatory compliance audits of commercial, industrial, and residential properties being acquired by public and private clients and as part of airport land acquisition programs at several major airports.
- Project manager for geological and hydrological evaluations of proposed landfills and landfill expansions.

APPLIED EARTH SCIENCES, INC. (AES) 1991 - 1994

Project Manager and Team Leader

LAW ENVIRONMENTAL, INC. (LAW) 1990 – 1991

Project Manager, Geologist, Site Manager, and Project Health and Safety Officer

TENNESSEE DEPT. OF ENVIRONMENTAL CONSERVATION (1989 – 1990)

Field Office Coordinator for Division of USTs/Environmental Scientist

## **Other Academic Honors/Significant Accomplishments:**

Phi Theta Kappa – Texas Outstanding Advisor Award (2002-2003)

Camp Dresser & McKee - Outstanding Performance Recognition Award (OPRA) -

Southeastern/South-central EM Division - 1997, Individual Performance

Southeastern/South-central EM Division - 1996, Karst Investigation Team Performance

Southeastern EM Division - 1995, Individual Performance