

Employment History

- Energy and Sustainability Manager, Washoe County School District 2015-Present  
Duties include development, implementation and maintenance of the energy conservation and sustainability programs. This includes utility consumption monitoring, energy & water conservation management, recycling management, and education of students, staff & the public in sustainability practices.
- Environmental Services Administrator, City of Reno 2008-2015  
Duties include development and implementation of renewable energy and energy efficiency initiative yielding 40% energy and 30% cost savings, creation and oversight of community wide single stream recycling program to 70,000 customers, and improve overall sustainability of city operations.
- Regent, Nevada System of Higher Education 2006-Present  
Duties include oversight of two universities, research institute, state college and four community colleges; control and manage the affairs of the System; control the expenditures of all money appropriated for the support and maintenance of the System and all money received from any other source. Served as Chair, Vice Chair and chair to various committees.
- Government Affairs Manager, Economic Development Authority of Western Nevada 2005-2008  
Duties included managing intergovernmental relations with state, county, and city elected officials and agencies, assisting business development on environmental and renewable energy issues, assisting clients on green building issues.
- Environmental Affairs Manager, University of Nevada, Reno 2002-2005  
Duties included development and implementation of methods and programs that improve regulatory compliance, improve pollution prevention status, and improve overall sustainability of campus operations.
- Assemblyman, Nevada State Legislature 2002-2004  
Duties included researching, drafting, and passing legislation to change Nevada state law; reviewing and approving a budget for the operation of state government, reviewing and voting on all bills; testifying before committees; presenting findings and results to the general public; and Serving on the Education, Judiciary, and Natural Resources, Agriculture & Mining Committees. Successfully passed legislation affecting the Renewable Portfolio Standard, Energy & Water Conservation Retrofit financing, Air Quality, Alternative Fuels, and State Purchasing & Contracts.
- Senior Petroleum Chemist, Nevada Department of Agriculture 2000-2002  
Duties included oversight of Bureau of Petroleum Technology, supervision of chemists in Reno and Las Vegas, preparation of budgets, department representation before state and county agencies, department representation at air quality meetings, state representative to ASTM, generation of monthly and annual reports, assisting in preparation of department and state energy plan, working with county agencies in support of State Implementation Plans, design of new laboratory utilizing technology to minimize energy usage, acting as department Safety Officer, answering public inquiries, and reviewing relevant federal and state legislation.
- Petroleum Chemist, Nevada Department of Agriculture 1999-2000  
Duties included all aspects of petroleum product preparation, analysis and reporting, operation and maintenance of instruments, development and validation of new methods, generation of monthly and annual reports, waste disposal, answering public inquiries, and reviewing relevant federal and state legislation.

- Director of Operations, Nevada Environmental Laboratories 1998-1999  
Duties included on-site oversight of all aspects of operations in the Reno, Las Vegas, Southern California, and Phoenix divisions; serving as Technical Director; overseeing all aspects of the corporate Quality Assurance Program; serving as Health and Safety Officer; overseeing new employee orientation; overseeing hazardous waste program; acquiring special use permit, designing a new laboratory; serving as company Ombudsman, IT interface, Radiation Safety Officer and serving as the Corrective Action Facilitator. This position included reporting to the Chief Operating Officer and serving as a member of the Central Management Team.
- Quality Assurance Officer, Nevada Environmental Laboratories 1994-1998  
Duties included oversight and maintenance of the Quality Assurance program of four divisions, laboratory audits, USEPA performance evaluation and State certification programs, compliance with project quality assurance provisions, supervising divisional QA Officers, supervising and reviewing GC/MS analyses, developing methods minimizing waste, serving as Radiation Safety Officer, working with managers at all divisions, and reporting directly to the owners of the company.
- Research Assistant, Environmental Chemist, University of Nevada, Reno 1992-1995, 1986-1990  
Duties included all phases of research on photolysis, hydrolysis and microbial degradation of MITC and metam sodium, pesticides and dioxins, including operation of GCs equipped with FID, NPD, FPD, and ECD detectors and HPLC; characterization of sagebrush constituents; data analysis and work up; compliance with GLP protocol; preparation of soil, water and air samples; supervision of student worker, and teaching assistant.
- GC/MS Staff Scientist, Alpha Analytical, Inc., Sparks, Nevada; 1990-1992  
Duties included preparation and analysis of samples by GC/MS, working up of data and reports for volatile and semi-volatile samples by GC/MS, use of various EPA methods, Quality Control for GC/MS, data and file management on the RTE/6 mainframe, maintaining and upgrading computer systems and the preparation of Contract Laboratory Program data packages.

## Education

- University of Nevada, Doctor of Philosophy, Environmental Sciences and Health  
Environmental Chemistry Option, 1995  
Dissertation: Photolytic and hydrolytic fate of methyl isothiocyanate in the Upper Sacramento River system
- University of Nevada, Bachelor of Science, 1990  
Major: Biochemistry Minors: Biology and Chemistry  
Additional emphasis in Political and Environmental Sciences

## Activities

- Environmental Sciences and Health Student Representative 1993-95
- Graduate Student Representative - Agriculture 1994-95
- Student Government (President, Vice President, Speaker of the Senate) 1988-91
- University of Nevada System Student Legislative Spokesman 1990-91

## Honors and Awards

- University of Nevada, Reno -- Outstanding Young Alumni
  - Nevada Wildlife Federation -- Legislator of the Year
  - Nevada Conservation League – Green Tie Award
  - Environmental Community of Northern Nevada – Golden Pinecone Award
  - National Graduate Student Award for Outstanding Achievement in Environmental Chemistry
- 
- American Chemical Society
  - National Graduate Student Paper Award -- Lewis Publishers and American Chemical Society
  - Graduate Student Paper Award -- University of Nevada
  - U.S. - Soviet Student Leadership Exchange
  - University of Nevada Board of Regents Outstanding Student (three times)
  - University of Nevada Board of Regents Scholar

## Professional and Civic Organizations

- Renewable Energy & Energy Conservation Task Force, State of Nevada, Chair
- New Industry Energy Task Force, Policy Chair
- Renewable Energy Deployment Transmission and Distribution Workgroup, State of Nevada
- Nevada Institute for Renewable Energy Commercialization, Technology Chair
- Truckee Meadows Clean Cities Coalition, Director
- Energy and Environment Committee, University of Nevada, Chair
- Nevada Fuel Standards Environmental Coordination Committee, Chair
- Clark County Air Quality Forum
- Truckee Meadows Water Authority, Director
- Sustainable Building and Clean Energy Committee, University of Nevada System
- New Student Union Planning Team, University of Nevada
- Reno Host Lions Club
- Judicial Selection Commission, State of Nevada
- State of Nevada Board of Psychological Examiners, Secretary/Treasurer
- Friends & Alumni of the College of Agriculture, Biotechnology and Natural Resources, President
- Young Alumni Chapter, University of Nevada, President
- American Chemical Society