

**Leah King**  
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## Education:

Bachelor of Arts and Sciences, 1994; University of Montana, Missoula, MT.  
Botany Major, Chemistry Minor

## Employment:

Consultant, 2008 – Present  
LMK Consulting, LLC

- Analytical test methods development
- HPLC troubleshooting, maintenance, and repair
- Data analysis for long term stability compounds and preparation of technical regulatory documents

Research Chemist, 1998 – 2008  
Bend Research Inc., Bend, OR

- Responsible for the operation, maintenance, troubleshooting and repair of 20+ Agilent 1100 and 1200 HPLC's including diode array, fluorescence, and refractive index detectors
- HPLC methods development for proteins, polymers and small molecules
- Development of analytical test methods for immediate and controlled release pharmaceutical dosage forms (dissolution, potency, purity, optical microscopy)
- Analytical support for technology transfer from research to manufacture
- Regulatory pharmaceutical laboratory testing
- Solid state characterization of pharmaceutical compounds and excipients including DSC, PXRD, SEM, Microscopy
- Data analysis and management including template design, organization, documentation and presentation preparation
- Intellectual property documentation and patent example preparation

### Training

- Agilent 1100 HPLC troubleshooting and maintenance
- Agilent technologies HPLC ChemStation data analysis and reporting
- Practical HPLC method development
- Analysis and characterization of protein therapeutic drugs
- Fundamentals of protein chemistry
- Solubility and solubilization of drugs

Environmental Consultant, 1996-1998

- Sensitive species and noxious weed survey
- Erosion control and re-vegetation

#### District Botanist, 1995-1996

USFS, Ochoco National Forest, Big Summit Ranger District, Prineville, OR

- Responsible for management and administration of botanical resources at the district level. This included design and development of programs, project management, and preparation of regulatory documents.

#### Field Botanist, 1994-1995

USFS, Ochoco National Forest, Prineville Ranger District, Prineville, OR

- Survey in support of forest projects; site form documentation, extensive use of aerial photography, maps, GIS.

#### Junior Chemist, 1992-1994

USFS Fire Lab, Missoula, MT

- Elemental analysis of smoke and fuels samples for global fire management and impact study.

## **Publications**

R. Callaway, L. King; Temperature driven variation in substrate oxygenation and the balance of competition and facilitation; Division of Biological Sciences, Missoula, MT; Published in Ecology, Vol.77, no. 4 (June 1996, pp 1189-1195)