

PROFESSIONAL RESUME

ROBERT J. CALDWELL, P.E.

PONDEROSA ASSOCIATES, LTD.
1499 W 120th AVE, SUITE 120
WESTMINSTER, CO 80234
(303)-666-8112
rcaldwell@ponderosa-assoc.com

EDUCATION:

- B.S., Architectural Engineering, University of Colorado at Boulder, 1973
Structural Mechanics
- Graduate Study, Civil Engineering, University of Colorado at Boulder, 1975-76
Engineering Mechanics

PROFESSIONAL EXPERIENCE:

- 1974 – Present Senior Engineer, Ponderosa Associates, Ltd.
Westminster, CO
Partner – 1980–present. President – 1990–present.
Areas of expertise: motor vehicle accident reconstruction, including bicycles and motorcycles; structural, mechanical and vehicle failure analysis; structural, mechanical and vehicle design and testing; highway safety design; ski bindings and ski slope accident reconstruction; heavy truck accident reconstruction; railroad accidents and grade crossing evaluation; vehicle crashworthiness; occupant kinematics and pedestrian impact analysis..
- 1979 – 1980 Consulting Engineer, Principal, Sundance Engineering
Boulder, CO
- 1975 – 1976 Research Engineer, Mechanical Engineering Department
University of Colorado, Boulder, CO
School Bus Vehicle Dynamics – investigation of optimum equipment for mountain driving.
- 1974 Ski Engineer, Lovett Ski Corporation
Boulder, CO

PROFESSIONAL REGISTRATION (LICENSE):

- Colorado #15252
- Wyoming #3365 (inactive)
- Certified Traffic Accident Reconstruction – ACTAR #718 (1996-2001)

PROFESSIONAL AND HONOR SOCIETIES:

- Society of Automotive Engineers (SAE)
- American Society of Civil Engineers (ASCE)
- American Society of Testing and Materials (ASTM)
- International Society for Skiing Safety (ISSS)
- Chi Epsilon Civil Engineering Honorary
- Sigma Tau General Engineering Honorary
- Tau Beta Pi General Engineering Honorary
- Engineering Development Council Scholarship

GUEST LECTURER:

University of Colorado College of Engineering
University of Wyoming College of Engineering
University of Colorado College of Law
University of Wyoming College of Law
Denver University College of Law
National Institute for Trial Advocacy
Wyoming Trial Lawyers Association
Colorado Trial Lawyers Association
Boulder and Arapahoe County Bar Associations
Wyoming Bar Association
South Dakota Trial Lawyers Association
Association of Trial Lawyers of America
Attorney's Information Exchange Group
Continuing Legal Education, Colorado, Wyoming
Society of Manufacturing Engineers
Eagle International Associates
ABOTA