

Bradford Coburn

PIZIALI & ASSOCIATES BIOENGINEERING AND ACCIDENT ANALYSIS

Bradford J. Coburn

Professional Affiliations

American Society of Mechanical Engineers (ASME)

Society of Automotive Engineers (SAE)

Mr. Coburn is an expert in the area of accident reconstruction. With approximately 20 years of experience in this area, he has worked on cases involving automobiles, light trucks, heavy trucks, tractor-trailer rigs, buses, motorcycles, bicycles, forklifts, motorized scooters, pedestrians, rollovers, slip-and-falls, failed vehicle components, and stress analysis. He has expertise in analysis of vehicle collisions, computer simulation of vehicles and operator input, documentation and reconstruction of accident sites, line-of-sight visibility analysis, photogrammetry, and modeling of dynamic systems. Mr. Coburn also specializes in the areas of complex three-dimensional rigid body dynamics, finite element analysis of static and dynamic structural systems, finite element heat transfer analysis, design and analysis of mechanical systems and components, and mechanics of deformable solids.

Background and Professional Honors

B.S. with Distinction (Mechanical Engineering),
Stanford University

M.S. (Mechanical Engineering—Applied Mechanics),
Stanford University

Managing Engineer,
Piziali & Associates, Inc.

Senior Mechanical Engineer,
Forensic Technologies International Corporation

Senior Engineer,
Failure Analysis Associates, Inc. (currently known as Exponent)

Phi Beta Kappa

Tau Beta Pi
(National Honor Society for Engineers)

