Areas of Expertise:
Accident Investigation
Accident Investigation and Failure Analysis
Accident Photo Analysis & Mapping
Accident Prevention
Accident Reconstruction
Accident Analysis
Bicycle Accidents
Brakes (all motor vehicles)
Collision
Commercial Vehicle Accidents
Commercial Vehicles
Computerized Crash Analysis

DOT Rules & Regulations
ECM
Electronic Control Module, Impact Analysis
Forensic Engineering
Injury Biomechanics
Pedestrian-Vehicle Collision
Seat Belts, Restraint Systems
Tractor-Trailers, Tractor-Trailers (Vehicle)
Traffic Accident Analysis
Transportation Regulation Compliance
Transportation Regulations
Trucks

Profile:
Bloomberg Consulting is an engineering consulting firm that specializes in the prevention of accidents, rapid response in inspecting accident vehicles and accident scenes, extracting and analyzing heavy truck and passenger vehicle “black box” data, and reconstructing vehicle accidents to determine how they occurred. As part of our accident prevention work, we provide Motor Carriers with assistance in complying with the complicated DOT and FMCSA regulations. In our accident reconstruction work, we evaluate accidents from two main viewpoints - the dynamics of each vehicle and the response of the human body inside the vehicle to the forces generated by the collision sequence. This allows us to evaluate such issues as impact speed, driver avoidance possibilities, seat belt use, and how or if an injury occurred. In addition, we are one of the few companies in the nation that has the technology, software, and training that is required to be able to safely download and accurately analyze all of the “Black Box” data that is available from the vehicles on the road today.

Chris Bloomberg, P.E., is a professional engineer that specializes in the reconstruction of vehicular accidents. He has analyzed in excess of a thousand accidents involving cars, tractor-trailers, pedestrians, bicyclists, motorcycles, heavy trucks, etc. He has considerable experience with leading edge technology in the field, including tractor-trailer and automobile “black box” data retrieval systems, a robust 3-dimensional accident reconstruction and simulation program, photogrammetry software, surveying equipment, and vehicle accelerometers. Mr. Bloomberg also applies his expertise by inspecting the air brake systems on heavy trucks and analyzing the effects of the condition of these important safety systems.

Our Other Experts Include:
Chris Medwell, P.E. – Accident Reconstruction, Heavy Truck Air Brakes, Black Box Data, Etc
Dr. Marcus Hollis, PhD., P.E. – Biomechanics & Injury Causation Analysis
Mike Dorohoff, P.E. – Accident Reconstruction, Black Box Data, Etc

A complete resume is available on request.