

ADMIRALTY AND MARINE

The maritime industry spans a wide variety of operations, both afloat and ashore. Marine casualty cases are often multi-faceted, with a myriad of interested parties and factors involved, such as: vessel and boat operators, cargo and insurers, facilities, piers, shipyard, marinas, transportation, security, safety, and licensure.

BIOMECHANICS

When the mechanism of injury is not known, is not understood, or is in dispute, our degreed biomedical and biomechanical engineers provide scientific evaluation of injury causation. Our biomechanics experts often analyze falls, vehicle collisions, sports and recreation injuries, and occupational overuse/injury. In addition, our experts conduct defect evaluation of medical implants, assistive devices, orthotics, and medical devices.

CONSTRUCTION

Construction cases often require focused expertise. We have qualified experts in architecture; geotechnical and material sciences; civil, structural, mechanical, electrical, plumbing, marine and highway engineering. Our experts can assist in cases related to personal injury or commercial claims, and have extensive experience with safety agencies and the standards they enforce.

FIRE AND EXPLOSION

Our certified fire investigators are experts in fire scene management, evidence retrieval and identification of fire origins. Investigations are conducted utilizing NFPA 921, Guide for Fire and Explosion Investigations. Involving our experts in engineering, science and architecture, we examine all potential sources and causes of ignition.

MOTOR VEHICLE COLLISIONS

Our vehicle crash group consists of reconstruction experts and vehicle and highway engineers, supported by specialists in areas that impact vehicle-related incidents such as conspicuity, lighting, heavy vehicle operations, fleet operations, meteorology, biomechanical engineering, human factors, and dram shop. We have experts who specialize in trucks, buses, motorcycles, trains, pedestrian and bicycle crashes, as well as all types of passenger vehicles.

PREMISES LIABILITY

Our premises liability group of architects and engineers is trained to investigate cases involving the design, construction, operation, and maintenance of residential, institutional and commercial premises. Most common are slips, trips, and falls. We conduct site inspections, perform tests, and review applicable standards. We have related experts in the areas of human factors, visibility, and meteorology.

PRODUCT LIABILITY

Our product liability group includes engineers and scientists who have designed, manufactured, and repaired a wide variety of medical, consumer, and industrial products. We also apply human factors scientists and warnings specialists to product matters.

SPORTS AND RECREATION

Our aquatics, recreation facility, playground, and winter sports experts are certified in all aspects of their industries. Safety experts and experienced designers provide assistance in manufacturing and product engineering issues. We have specialized experts to address human factors and injury causation, weather factors, materials failures, vehicles, and the design and operation of marine products and facilities.

WORKPLACE

Our industrial/workplace safety group includes engineers, occupational safety specialists, and certified industrial hygienists. All are well versed in federal and state safety standards such as OSHA. In addition to investigating workplace incidents, we examine chemical exposures and indoor air quality.

OTHER AREAS OF EXPERTISE:

In addition to our primary practice areas, Robson Forensic has specialized expertise in commercial and personal injury litigation involving agriculture, commercial motor vehicles, e-discovery, education/child supervision, fuel-fired appliances, and materials science, among others.

For a complete listing of our practice areas, and to review credentials of Robson experts, visit www.robsonforensic.com

20 years.
150 experts.
30,000 cases.

a sampling of our
presentation capabilities

DEEP AND BROAD EXPERTISE

Each one of our experts has the skills necessary to perform a thorough and multi-dimensional investigation. With access to over 150 experts within one company, you are assured the most relevant insights to the topic of your choosing.

NOT A REFERRAL SERVICE

Although our resources are deep and broad, we are not a referral service. When you work with our experts, you work directly with us.

PROVEN PROFESSIONALS

Our experts are seasoned -- in their practice areas and in their mediation, arbitration, and litigation experience. They're immersed in their respective industries and have given presentations for continuing education and training purposes, so you're assured to get the most current information for your audience in an engaging and hands-on format.

THE RIGHT EXPERTS

Every case is handled with the precision of highly skilled professionals. For more than 20 years, our experts have proven their value.

ADMIRALTY AND MARINE

Longshore

Admiralty & Shipping Panel Discussion

BIOMECHANICS

Biomechanics in Forensic Engineering

Injury Causation/Investigation

- Construction
- MVA – Pedestrian Knockdown/ Restraint Use/No Use
- Playground Accidents
- Premises Liability
- Slip/Trip/Fall
- Sports and Recreation
- Workplace

Medical Malpractice

Medical Product Design

CONSTRUCTION

Building Mechanical Codes

Water & Moisture Intrusion in Buildings

Property Loss Subrogation

Safety During Structure Erection

FIRES & EXPLOSIONS

Fire Investigations

Fire Science

Fire/Explosion Origin & Cause Investigations

MOTOR VEHICLE COLLISIONS

Complete Collisions Analysis: Crash Reconstruction, Injury Analysis, Driver Actions and Roadway Conditions

Control Systems

- Redundant Sensing for Improved Equipment/Vehicle Safety

Highway/Traffic Engineering

- Utility Poles and Motor Vehicle Safety
- Pedestrian safety since the Intermodal Surface Transportation Efficiency Act of 1991

Human Factors

- Auto Reconstruction
- Pedestrian Knockdown
- Side Under-Ride Collisions

Forensic Meteorology

Tire Failures

PREMISES LIABILITY

Building Codes

Building Safety Standards

Homeowner Premises Liability

Slips, Trips & Falls

Slips, Trips & Falls: A Human Factors Perspective

Open & Obvious Issues

Dram Shop & Liquor Liability

PRODUCT LIABILITY

Human Factors in Product Liability

Personal Injury Related Warnings & Instructions

Consumer Product Liability

Commercial & Industrial Products

SPORTS AND RECREATION

Aquatics and Water Safety

- Drowning in Guarded and Unguarded Bodies of Water
- Recreational Waterborne Disease Transmission
- Indoor Waterpark Air Quality Issues
- Indoor/Outdoor Waterpark Accidents
- Swimming Pool Diving Accidents
- Water Intoxication
- Suction Entrapment/Disembowelment
- The Hospitality Industry and Growth of Swimming Pools/Waterparks
- Lifeguard Awareness
- Swimming Instruction
- Proper Deck and/or Pump Room/ Chemical Room Equipment Selection, Installation, and Operation

Coaching Responsibilities

Recreation Facility Risk Management

WORKPLACE/ OCCUPATIONAL HEALTH AND SAFETY

Environmental Pollution

- Environmental Risk Assessment
- Conducting Environmental Due Diligence Audits
- Hazardous Waste Operations and Emergency Response (HAZWOPER)

Human Factors in Workplace Safety

Industrial Machinery Injuries

Industrial

- Blood Borne Pathogens
- Industrial Ventilation
- Occupational Noise Exposure Assessments and Control Measures
- Conducting Indoor Air Quality and Bioaerosol Investigations
- Process Safety Management of Highly/Acutely Hazardous Chemicals (PSM)

Indoor Air Quality and Mold

- Conducting Bioaerosol and Sick Building Investigations
- Current Trends in Indoor Air Quality and Mold
- The Growing Problem of Mold
- Insurance Losses from Bioaerosol Contamination
- The Role of the Indoor Environmental Professional in Mold Remediation

Toxic Torts and Principles of Industrial Hygiene

GENERAL PRESENTATIONS

Developing a Winning Expert Case

Forensic Engineering

How to Effectively Use an Expert

Human Factors in Personal Injury Cases

Litigation Forensics

Principles of Forensic Engineering