



## RYAN J. ZUKOWSKI

### AREA OF SPECIALIZATION

Expert analysis of motor vehicle collisions. Technical expertise in numerous crash reconstruction disciplines including speed analysis, occupant kinematics, pedestrian crashes, time-distance relationships, lamp examination, photogrammetry, road signing evaluation, crash data retrieval, and more. Reconstructed, investigated, or consulted on over 1000 traffic crashes.

### WORK EXPERIENCE

Wisconsin State Patrol, Technical Reconstruction Unit, 2006 - Present

**Accredited Reconstruction Specialist** - Full-time crash and crime scene reconstruction expert for the State of Wisconsin. Scene response activities and collision analysis as part of statewide work unit. Provide expert witness testimony for criminal and civil cases. Consult with city, county, state, and federal law enforcement officers and attorneys regarding scientific conclusions. Manage regional-level reconstruction personnel and equipment. Develop and maintain current curriculum for Technical Crash Investigation course at the Wisconsin State Patrol Academy.

Wisconsin Troopers' Association, Inc., 2010 - Present

**Executive Director** - Manage the business affairs of non-profit organization serving approximately 450 members. Oversee programs of both public and member benefit. As registered lobbyist, testify at legislative hearings regarding experience as Wisconsin State Trooper and seek support for legislation promoting highway safety initiatives.

Wisconsin State Patrol, Bureau of Field Services, 1998 - 2006

**Regional Crash Reconstructionist** - Perform crash and crime scene reconstruction response and analysis in addition to patrol functions as a State Trooper. Provide expert analysis and testimony for criminal and civil cases in southern Wisconsin. Consult with area law enforcement on reconstruction issues and with prosecutors regarding elements of criminal offenses.

Wisconsin State Patrol, Bureau of Field Services, 1996 - 2006

**State Trooper** - Enforce state traffic and criminal laws, administrative rules and regulations, with primary emphasis on highway safety. Perform and coordinate specialized law enforcement activity, functions and assignments, including highly complex and technical services. Build and maintain partnerships with municipal and county agencies.

Wisconsin State Patrol, Bureau of Field Services, 1999 - Present

**Background Investigator** - Completed background investigator training at the Wisconsin State Patrol Academy. Conduct complete background investigations on potential employees of the Wisconsin State Patrol.

Wisconsin State Patrol, Bureau of Academy, 1999 - Present

**Law Enforcement Instructor** - Instructor at the Wisconsin State Patrol Academy for Basic Crash Investigation, Technical Crash Investigation, Vehicle Dynamics, and Spanish for Law Enforcement courses. Develop course curriculum for new Technical Crash Investigation I course. Manage instructor assignments and ongoing curriculum development for Technical Crash Investigation course.

Wisconsin State Patrol, Bureau of Field Services, 2000 - 2002

**Court Officer** - Served as court liaison officer between the Wisconsin State Patrol and court personnel at the Jefferson County Courthouse. Responsibilities included submissions of traffic citations, drafting of criminal complaints for State Patrol arrests in Jefferson County, and organization of court dispositions. Additional duties include general liaison work to ensure a positive working relationship between the State Patrol and the District Attorney's Office, Clerk of Courts, and Sheriff's Department in Jefferson County.

## **EDUCATION**

University of Wisconsin –Platteville

Masters of Science, 2004

Major: Criminal Justice Administration

GPA: 3.90 (4.0)

Ripon College, Ripon, Wisconsin

Bachelors of Arts, 1996

Majors: Sociology-Anthropology

Spanish

GPA: 3.65 (4.0)

University of Madrid, Madrid, Spain

Study Abroad, 1995

Coursework: General, Spanish

Wisconsin State Patrol Academy

State of Wisconsin Law Enforcement Certification, 1996

## **PROFESSIONAL ACCREDITATIONS & CERTIFICATIONS**

Accreditation Commission of Traffic Accident Reconstructionists (ACTAR #1427), June 2004.

Certified Police Officer, State of Wisconsin Law Enforcement Training and Standards, December 1996.

## **ADVANCED LEVEL COURSES**

Optics, Lighting, and Visibility for the Forensic Investigator, Clearly Visible Presentations, James Sobek, September 2009.

Advanced Pedestrian/Bicycle Reconstruction, Institute of Police Technology and Management (IPTM), Tony Becker, August 2009

Investigative Photography Methods, Wisconsin State Crime Laboratory, Ron Groffy, October 2008.

FBI Interview and Interrogation, Federal Bureau of Investigation, Special Agent J. Klugiewicz, October 2008.

Human Factors in Traffic Crashes, Accident Dynamics Research Center, Jeffrey Muttart, March 2008.

Forensic Diagramming with Cadzone, Great Lakes Crash Analysis, Duane Meyers, June 2007.

Shooting Incident Analysis and Reconstruction, University of North Texas, Edward Hueske, June 2007.

Supervision of Police Personnel, Northwestern University, September 2006.

iWitness Close Range Photogrammetry, DeChant Consulting, Lee DeChant, May 2005.

Damage and Energy Application for Collision Reconstruction, Collision Safety Institute, W. R. Haight, October 2004.

Commercial Motor Vehicle Crash Reconstruction, Institute of Police Technology and Management (IPTM), David Brill, October 2004.

Crash Data Retrieval Certification Course, Collision Safety Institute, W. R. Haight, September 2004.

REC-TEC Crash Reconstruction Computer Software Course, REC-TEC LLC, George Bonnet, July 2004.

Death Investigation, Norfolk, VA Police Department, D. Newman, June 2004.

Motorcycle Crash Reconstruction, Institute of Police Technology and Management (IPTM), Al Baxter, March 2003.

Traffic Crash Reconstruction, Institute of Police Technology and Management (IPTM), September 1998.

Vehicle Dynamics, Wisconsin State Patrol Academy, September 1997.

Technical Crash Investigation, Wisconsin State Patrol Academy, July 1997.

Wisconsin State Patrol Crash Reconstruction In-services, Wisconsin State Patrol Academy, annually 1999 to present.

## **PROFESSIONAL ASSOCIATIONS**

Illinois Association of Technical Accident Investigators (IATAI), 2008 to present.

Midwest Association of Technical Accident Investigators (MATAI), 2008 to present.

Wisconsin Association for Identification (WAI), 2008 to present.

National Association of Professional Accident Reconstruction Specialists (NAPARS), 2010 to present.

### **GUEST LECTURER/INSTRUCTOR/PRESENTER**

Reconstruction Technology, State of Wisconsin Crime Laboratory, Madison, Wisconsin, January 2009.

Plenary Session, University of Wisconsin Medical College, February 2009 and 2010.

Fleet Safety Seminar, M3 Insurance, Madison, Wisconsin, October 2008.

Statewide Traffic Incident Management Conference, Appleton, Wisconsin, October 2007.

8<sup>th</sup> Annual Wisconsin Prosecutor's Conference, Elkhart Lake, Wisconsin, November 2006.

Sociology 306 - Criminology, Ripon College, Ripon, Wisconsin, March 2005.

Physics in Crash Reconstruction, classrooms throughout Wisconsin, 2000 to present.

Spanish for Law Enforcement, Wisconsin State Patrol Academy, October 2002.

Vehicle Dynamics, Wisconsin State Patrol Academy, 2000 to present.

Technical Crash Investigation, Wisconsin State Patrol Academy, 2000 to present.

Basic Crash Investigation, Wisconsin State Patrol Academy, 2000 to present.

Wisconsin State Patrol Crash Reconstruction Inservice, Wisconsin State Patrol Academy, 2002 to present.

### **CONFERENCE ATTENDANCE**

Vehicle Homicide Seminar, Wisconsin Department of Justice, Stevens Point, Wisconsin, March 2010.

Midwest Association of Technical Accident Investigators Annual Conference, Wisconsin Dells, Wisconsin, June 2009.

Statewide Traffic Incident Management Conference, Wisconsin Department of Transportation, Wisconsin Dells, Wisconsin, May 2009.

Vehicle Homicide Seminar, Wisconsin Department of Justice, Brookfield, Wisconsin, March 2009.

Statewide Traffic Incident Management Conference, Wisconsin Department of Transportation, Appleton, Wisconsin, October 2007.