

# **COOPER BARRETTE CONSULTING, LLC**

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## **ADAM M. HYDE**

### **Professional Experience**

2004 - **Traffic Crash Reconstruction Consultant**  
Cooper Barrette Consulting, LLC., Lake Zurich, Illinois

- Consultant and expert witness to law enforcement agencies, attorneys, insurance companies, and others in the area of traffic accident investigation and reconstruction.
- Assist staff with crash site and vehicle inspections.
- Download and image vehicle Event Data Recorders.

Lake County State's Attorney's Office, Waukegan, Illinois

- Consult and provide case review and expert witness testimony in the area of traffic crash investigation and reconstruction.
- Develop and present educational programs in the area of traffic crash investigation and reconstruction.

1999- **Police Investigator**  
Lincolnshire Police Department, Lincolnshire, Illinois (2000 to present)  
Johnsburg Police Department, Johnsburg, Illinois (1999-2000)

- Crash investigation and reconstruction.
- Deputy Commander within the Major Crash Assistance Team of Lake County, Illinois (MCAT).
- Develop and lectured an array of programs regarding traffic crash investigation and reconstruction.
- Performed patrol officer duties, criminal investigations, field training officer duties, specialized enforcement duties, school resource officer duties and community relations.

- 2013 - **Adjunct Faculty, Crash Investigation Division**  
Northwestern University, Center for Public Safety, Evanston, Illinois
- Instruction of Crash Investigation, Crash Reconstruction and Crash Data Retrieval System courses.
  - Development of crash investigation curriculum and presentations.
  - Development of pedestrian crash investigation and reconstruction presentations.
  - Contributing author for the 10<sup>th</sup> Edition of the *Traffic Collision Investigation Manual*:  
Chapter – “Investigation of Hit and Run Crashes”

### Education

B.A. Degree, Criminal Justice Studies  
Columbia College, 2003  
Columbia, Missouri

Engineering Studies and Criminal Justice Studies  
Iowa State University, 1996-1999  
Ames, Iowa

### Professional Certifications

Federal Aviation Administration Remote Pilot Airman Certificate, 2017  
ACTAR Accredited Traffic Accident Reconstructionist, 2016  
State of Illinois Crash Reconstruction Specialist, 2016  
State of Illinois Law Enforcement Officer, 2000  
State of Illinois Lead Homicide Investigator, 2011  
Northwestern University Center for Public Safety Accident Investigation and Reconstruction Program Graduate, 2003-2004  
Illinois Truck Enforcement Officer, 2001  
Bosch Crash Data Retrieval System Technician and Analyst, 2005  
Bosch Crash Data Retrieval System Trainer and Mentor, 2010  
Traffic Enforcement LIDAR Trainer, 2005

### Professional Affiliations

- 2017- Board of Directors, National Association of Professional Accident Reconstruction Specialists (NAPARS)
- 2010- National Association of Professional Accident Reconstruction Specialists (NAPARS) Member
- 2008- Illinois Association of Technical Accident Investigators (IATAI) Member
- 2007- Accident Reconstruction Network (ARC) Member

## Professional Achievements

2016 Police Officer of the Year, Lincolnshire Police Department  
2012 National Crime Victim's Rights Law Enforcement Award  
Over 20 Lincolnshire Police Department Commendations  
Five Driving Under the Influence Enforcement Awards from AAIM  
Illinois Department of Transportation Driving Under the Influence Award and  
Enforcement Video Development

## Professional Activities

### Expert Testimony

Qualified to provide accident reconstruction testimony.

### Publications

Contributing author, 10<sup>th</sup> Edition of the Traffic Collision Investigation Manual, Northwestern University Center for Public Safety, 2013  
Chapter – Investigation of Hit and Run Crashes

Hyde, Manges and DiTallo, *Collision Magazine*, "A Team Approach to Crash Investigation," Collision Publishing, Temecula, California, Fall 2015, Volume 10, Issue 2

Hyde and Barrette, *Collision Magazine*, "Investigation of Traffic Crashes Involving the Inhalation of Difluoroethane," Collision Publishing, Kirkland, Washington, Spring 2013, Volume 8, Issue 1

## Professional Teaching Experience

### Northwestern University Center for Public Safety

Have instructed courses in the traffic crash investigation and reconstruction divisions.

### Crash Data Retrieval System (CDR)

Have trained, mentored and certified crash investigators in the proper use, application and legal process of the CDR Tool.

### Guest Lecture

Collision Safety Institute and Crash Data Group – CDR Summit  
January 2016, Houston, Texas, Crash Testing Case Studies with Ignition Cycle Issues

California Association of Accident Reconstruction Specialists  
October 2014, Lake Tahoe, California, Force Balance Methodology in Crash Reconstruction

October 2015, Anaheim, California, Event Data Recorders and Reconstruction Application with Case Studies

**Major Crash Assistance Team**

- Multiple programs developed and presented to over 100 police officers in the area of crash investigation and reconstruction.
- Instructed educators from around the nation in the area of crash investigation and application of physics from the National Council of Teachers of Mathematics
- Coordinated live crash testing, 2009 and 2014

**Professional Training**

Have attended over 1,700 hours of courses and seminars for traffic safety, to include:

**Northwestern University Center for Public Safety, Evanston, Illinois**

sUAV (Drone) Application to Crash Reconstruction, 2016  
Advanced Crash Reconstruction with Human Factors, 2013  
Pedestrian Vehicle Crash Reconstruction, 2009  
Heavy Vehicle Crash Reconstruction, 2007  
Traffic Engineering Technical Assistant, 2006  
Traffic Crash Reconstruction 1 and 2, 2004  
Vehicle Dynamics, 2004  
Physics and Mathematics Workshop, 2004  
Traffic Accident Investigation 1 and 2, 2003

**Michigan State University, East Lansing, Michigan**

Crash Reconstruction Event Data Recorder Case Studies, 2012

**Collision Safety Institute, San Diego, California**

Crash Data Retrieval System Summit, 2010, 2012, 2014 and 2016  
Crash Data Retrieval System Train the Trainer/Mentor, 2010, 2012, 2014 and 2016  
ARC-CSI Crash Conference, 2009, 2008 and 2007  
Crash Data Retrieval Analyst and Technician, 2005 and 2008

**North East Multi-Regional Training Unit, North Aurora, Illinois**

Crisis Intervention Team, 2016  
Serious and Fatal Accident Investigation for Evidence Technicians, 2003  
Commercial Truck Safety Inspector, Truck Enforcement 2, 2002  
Truck Enforcement Officer, 2001  
Portable Weight Scale Inspector, 2001  
Basic Evidence Technician, 1999

**University of Illinois and Department of Transportation, Springfield, Illinois**

Prosecution of Reckless Homicide Cases, 2012  
Prosecution of Drugged Drivers, 2012

**Illinois Association of Technical Accident Investigators**

Crash Reconstruction Update, 2012

Crash Reconstruction Conference, 2011

Heavy Truck ECM Data Use in Crash Investigations, 2010

**Institute of Police Technology and Management**

Pedestrian and Bicyclist Crash Investigation and Reconstruction, 2017

*February 2017*