

COOPER BARRETTE CONSULTING, LLC

1118 NORTH SEMINARY AVENUE
WOODSTOCK, IL 60098

TEL 847-726-9082

FAX 847-726-9272

kengberg@gmail.com

KENNETH B. ENGBERG, JR.

PROFESSIONAL EXPERIENCE

2013-

Traffic Crash Reconstruction Consultant

Cooper Barrette Consulting, LLC, Woodstock, IL

Provide consultation services in the area of traffic crash investigation and reconstruction

Qualified to give expert testimony in major crash reconstruction

Conduct vehicle inspections and image Event Data Recorders (EDRs)

Forensically map crash scenes and damaged vehicles

2010-

Deputy Sheriff (2010-2017), Sergeant (2017-)

Lake County Sheriff's Office, Waukegan, IL

Supervise personnel as a Sergeant of the Highway Patrol Division (2017-)

Respond to emergency calls for service

Trained as a Lead Homicide Investigator, Hostage Negotiator, and Crisis Intervention Team (CIT) Member

2012-

Major Crash Investigator and Reconstructionist

Lake County Sheriff's Office, Waukegan, IL

Leverage knowledge of physics to reconstruct major traffic crashes

Examine vehicles after crashes to find defects and image vehicle EDRs

Develop highly-detailed reports for criminal prosecution and case preparation

Assist the Major Crash Assistance Team (MCAT) of Lake County with crash investigations

Train other Deputies and Officers in the area of crash investigation

2014-

Adjunct Instructor

Northwestern University, Evanston, IL

Conduct instruction of Crash Investigation Courses

Update curriculum of Crash Investigation Courses

2006-2016

Infantry Officer

US Army National Guard, Springfield, IL

Served as an instructor at the Officer Candidate School

Led, trained, and supervised a light infantry company of 131 Soldiers as a Company Commander

Awarded the Bronze Star for leading 42 Soldiers during a combat deployment in support of Operation Enduring Freedom, Afghanistan

Previous assignments include: Infantry Company Commander, Battalion Personnel Officer, Brigade Liaison Officer, Company Executive Officer, Infantry Platoon Leader

2013-

Quality Assurance Supervisor and Engineer

PepsiCo, Inc., Bridgeview, IL

Managed capital engineering projects with an annual budget of \$200,000

Drove quality improvement through root cause analysis of defect data

Trained a group of more than 20 employees on a monthly basis on conducting investigations related to Quality Assurance

Managed a team of nine technicians that ensured product met specifications at all points of the supply chain

Gained experience on three Lean Six Sigma project teams

Served as a Supply Chain Associate, gaining experience in planning, operations, and quality

EDUCATION

Bachelor of Science in General Engineering

University of Illinois at Urbana-Champaign, 2007

Dean's List – 2007

Secondary Field of Concentration – Military Science and Leadership

Master of Business Administration

Southern Illinois University, Carbondale, IL, 2014

PROFESSIONAL CERTIFICATIONS

ACTAR Accredited Traffic Accident Reconstructionist

Accreditation Commission for Traffic Accident Reconstruction

Reg #2832 – 2014

Certified Accident Reconstruction Specialist

State of Illinois

Illinois Law Enforcement Training and Standards Board – 2014

Remote Pilot – Small Unmanned Aircraft System

Federal Aviation Administration – 2017

Lead Homicide Investigator

State of Illinois

Illinois Law Enforcement Training and Standards Board – 2015

Law Enforcement Officer

State of Illinois

Illinois Law Enforcement Training and Standards Board – 2011

PROFESSIONAL AFFILIATIONS

Illinois Association of Technical Accident Investigators (IATAI)

2014-

**PROFESSIONAL
TEACHING
EXPERIENCE**

Northwestern University Center for Public Safety

Crash Investigation I

Northwestern University, *Evanston, IL* – 2014, 2015, 2017

Crash Investigation II

Northwestern University, *Evanston, IL* – 2014, 2015, 2016, 2017
New York Police Department, *New York, NY* – 2014

Vehicle Dynamics

Northwestern University, *Evanston, IL* – 2014, 2015

California Association of Accident Reconstruction Specialists

Speaker – CA²RS Conference, *Orange, CA* – 2015

Video Analysis for Crash Investigation

Pedestrian Crash Investigation

Case Study with EDR Application

**PROFESSIONAL
TRAINING**

Northwestern University Center for Public Safety

Evanston, IL

Heavy Vehicle Crash Reconstruction – 2014

Crash Data Retrieval Analyst – 2014

Advanced Traffic Crash Reconstruction Utilizing Human Factors –
2013

Traffic Crash Reconstruction III – 2013

Traffic Crash Reconstruction II – 2012

Traffic Crash Reconstruction I – 2012

Vehicle Dynamics – 2012

Traffic Crash Investigation II – 2012

Traffic Crash Investigation I – 2012

Aerial Metrics, Inc.

Lake County, IL

sUAS Knowledge Test Preparation Course – 2017

UAVs for Crash Investigation – Remote Pilot – 2017

Institute of Police Technology and Management

Joliet, IL

Pedestrian and Bicycle Crash Investigation – 2017

Illinois Association of Technical Accident Investigators

East Peoria, IL

Witness Video Analysis Course – 2016

IATAI Annual Conference – 2016

Bendix Commercial Vehicle Systems

Lisle, IL

Bendix Brake Training School – 2016

Major Crash Assistance Team

Lake County, IL

New Member Orientation – Presenter – 2016

Crash Investigation Workshop with Crash Testing – 2014

Crash Data Retrieval Technician II – 2013, 2015

Crash Data Retrieval Technician I – 2013, 2015

Forensic Mapping – 2013

California Association of Accident Reconstruction Specialists

Orange, CA

Pedestrian and Bicyclist Involved Crash Reconstruction – 2015

Event Data Recorders Updates, Standards, Best Practices & Case

Law – 2015

North East Multi-Regional Training, Inc.

Skokie, IL

Lead Homicide Investigator Course – 2015

Oak Park, IL

Crisis Intervention Team (CIT) – 2015

Public Agency Training Council

East Lansing, MI

Hostage Negotiations, Phase II – 2013

Hostage Negotiations, Phase I – 2013

Illinois State Police Academy

Springfield, IL

480-hour Basic Law Enforcement – 2011

United States Army

Combined Logistics Captain's Career Course, Phase III – 2016

Combined Logistics Captain's Career Course, Phase II – 2015

Army Basic Instructor Course – 2015

Tactics Certification Course – 2015

Platoon Trainer Qualification Course – 2015

Combined Logistics Captain's Career Course, Phase I – 2014

Resilience Trainer Assistant – 2011

Basic Airborne Course – 2010
Combatives, Level I – 2008
Infantry Basic Officer Leader Course III – 2008
Basic Officer Leader Course II – 2007
Basic Officer Leader Course I – 2007

**AWARDS AND
COMMENDATIONS**

United States Army

Bronze Star Medal
Army Commendation Medal x2
Army Reserve Components Achievement Medal x3
National Defense Service Medal
Afghanistan Campaign Medal with Campaign Star
Global War on Terrorism Service Medal
Army Service Ribbon
Overseas Service Ribbon
Armed Forces Reserve Medal with M Device
NATO Medal
Parachutist's Badge
Army Physical Fitness Badge