

CURRICULUM VITAE
Steven R. Grundhoefer, P.E., ACTAR
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EDUCATION

1986 **Purdue University**
Bachelor of Science, Civil Engineering

EXPERIENCE

2011-present **Grundhoefer Forensic Engineering, LLC**
Ferdinand, Indiana
President
Vehicle Accident Reconstruction

1993-2011 **Donan Engineering Co., Inc.**
Evansville, Indiana
Senior Forensic Engineer
Vehicle Accident Reconstruction, Road & Site Design

1986-1993 **Bernardin Lochmueller & Associates**
Evansville, Indiana
Civil Engineer (Road Design)

CERTIFICATIONS

Professional Engineer, Indiana (#920055)
Professional Engineer, Kentucky (#18188)
Professional Engineer, Illinois (#062.054397)
Professional Engineer, Ohio (#63742)
ACTAR Accreditation Commission for Traffic Accident Reconstructionists – (#1231)
Crash Data Retrieval (CDR) System Operator Certification
UAS Remote Pilot License from Federal Aviation administration

AFFILIATIONS

Illinois Association of Technical Accident Investigators, (IATAI)
Ohio Traffic Accident Reconstruction Association (OTARA)
Society of Automotive Engineers (SAE)

CONTINUING EDUCATION

2022 Analyzing and Interpreting Heavy Vehicle Event Data Recorders (SAE C1022) by Society of Automotive Engineers, Appleton, Wisconsin.
2021 Aerial Photogrammetry Using Pix4D Mapper for Software for Crash and Crime Scene Investigation by Forensic Mapping Solutions, Hamilton, Ohio.

CONTINUING EDUCATION (Cont'd)

- 2021 Heavy Vehicle Event Data Recorder (HVEDR) Use in Traffic Crash Investigation by Forensic Training Group, Oklahoma City, Oklahoma.
- 2019 Motorcycle Crash Testing & Presentations – 2-day Course by IATAI, Springfield, IL.
- 2019 Using UAV's and Pix4D in Collision Investigation, Sherman, Texas
- 2018 Digital Forensics of Heavy Vehicle Event Data Recorders, University of Tulsa, Farmington Hills, MI.
- 2017 Heavy Vehicle EDR Class, Birmingham, Alabama.
- 2016 SAE Applying Automotive EDR Data to Traffic Crash Reconstruction, Troy, Michigan.
- 2016 SAE Reconstruction and Analysis of Rollover Crashes of Light Vehicles, Detroit, Michigan.
- 2016 SAE Reconstruction and Analysis of Motorcycle Crashes, Detroit, Michigan
- 2014 SAE Accessing and Interpreting Heavy Vehicle Event Data Recorders Seminar, Charlotte, North Carolina
- 2013 Preserving and Analyzing Information from Heavy Vehicle EDR's, Northwestern University Center for Public Safety
- 2012 Crash Data Retrieval (CDR) System Analysis and Applications Course, Crash Data Specialists LLC, Indianapolis, Indiana
- 2010 Human Factors in Traffic Crashes, Crash Safety Research Group, University of Massachusetts, Amherst, Massachusetts
- 2009 C.D.R. Operators Certification Course, Bosch & Collision Safety Institute, Nashua, New Hampshire
- 2008 22nd Annual I.A.T.A.I. Traffic Crash Reconstruction Conference, Illinois Association of Technical Accident Investigators, Bloomington, Illinois
- 2008 2008 CDR User's Conference, Collision Safety Institute & ARC Network, Houston, Texas
- 2007 Motorcycle Crash Investigation, Institute of Police Technology & Management (I.P.T.M.), Jacksonville, Florida
- 2006 Pedestrian/Bicycle Crash Investigation, Institute of Police Technology & Management (I.P.T.M.), Tempe, Arizona
- 2005 C.D.R. Operators Certification Course, Collision Safety Institute, Pittsburgh, Pennsylvania
- 2004 A.R.C.-C.S.I. Crash Conference, Las Vegas, Nevada
- 2003 17th Annual I.A.T.A.I. Traffic Crash Reconstruction Conference, Illinois Association of Technical Accident Investigation, Mount Vernon, Illinois
- 2003 Vehicle Fire, Arson & Explosion Investigation Science & Technology Seminar, Eastern Kentucky University
- 2003 C.D.R. Tool Kit - User Certification Course, Institute of Police Technology and Management, (I.P.T.M.), Jacksonville, Florida
- 2002 Engineering Dynamics Corporation-HVE Forum, New Orleans, Louisiana
- 2001 I.A.T.A.I. Crush Analysis Seminar & 15th Annual I.A.T.A.I. Traffic Crash Reconstruction Conference, Illinois Association of Technical Accident Investigation, Danville, Illinois
- 2001 Accident Investigation II (AI2), Northwestern University Center for Public Safety
- 2000 Heavy Vehicle Crash Reconstruction, Northwestern University Traffic Institute
- 2000 Microcomputer Assisted Traffic Accident Reconstruction (MATAR), Northwestern University Traffic Institute

CONTINUING EDUCATION (Cont'd)

- 1999 Computerized Traffic Accident Reconstruction (COMPTAR 1), Northwestern University Traffic Institute
- 1996 Traffic Accident Reconstruction II (TAR2), Northwestern University Traffic Institute
- 1996 Advanced Fire, Arson, and Explosion Investigation, Eastern Kentucky University
- 1995 Traffic Accident Reconstruction I (TAR1), Northwestern University Traffic Institute.
- 1993 Investigation of Gas and Electric Appliance Fires Seminar, Barker & Herbert Analytical Laboratories
- 1993 Cause and Origin of Fires and Explosions, National Association of Fire Investigators

COURSES AND SEMINARS TAUGHT

- 2011 Vehicle Accident Reconstruction, Great American Insurance, Cincinnati, Ohio.
- 2010 Vehicle Accident Reconstruction, Cincinnati Insurance, Evansville, Indiana.
- 2009 Vehicle Accident Reconstruction & Crash Data Retrieval Tool, American Modern Insurance, Cincinnati, Ohio.
- 2009 Vehicle Accident Reconstruction & Crash Data Retrieval Tool, Grange Mutual Insurance, Cincinnati & Dayton, Ohio.
- 2007 Crash Data Retrieval (CDR) Tool, Motorist Mutual Insurance, Cincinnati, Ohio
- 2007 Crash Data Retrieval (CDR) Tool, South Bend Claims Adjusters Meeting, South Bend, Indiana
- 2007 Vehicle Accident Reconstruction, Bloomington, Illinois
- 2006 Vehicle/Pedestrian Reconstruction Presentation, State Auto Insurance, Jackson, Michigan
- 2006 Vehicle Accident Reconstruction, Grange Mutual Insurance, Youngstown, Ohio
- 2006 Vehicle Accident Reconstruction, Grange Mutual Insurance, Cleveland, Ohio
- 2006 Vehicle Accident Reconstruction, Nationwide Insurance, Cincinnati, Ohio
- 2006 Vehicle Accident Reconstruction, Grange Mutual Insurance, Columbus, Ohio
- 2005 Vehicle Accident Reconstruction and Crash Data Retrieval (CDR) Tool, Safe Auto Insurance, Columbus, Ohio.
- 2005 Crash Data Retrieval (CDR) Tool, Indiana Farmers Insurance, Indianapolis, Indiana.

TESTING

- 2008 Vehicle Crash Testing - Crane Drops and ABS Skid Testing, 22nd Annual IATAI Conference, Bloomington, Illinois
- 2007 Motorcycle Crash Testing – Institute of Police Technology and Management (I.P.T.M.), University of North Florida, Jacksonville, Florida
- 2006 Pedestrian and Bicycle Collision Field Testing - Institute of Police Technology and Management (I.P.T.M.), Tempe, Arizona
- 2004 Vehicle Crash Testing – Offset Vehicle to Vehicle Collisions, Barrier testing, Yaw testing, A.R.C.-C.S.I. Crash Conference, Las Vegas, Nevada
- 2003 Vehicle Crash Testing – Airborne crash testing at 17th Annual IATAI Conference, Mount Vernon, Illinois

TESTING (Cont'd)

- 2001 Vehicle Crash Testing – Barrier Impact Crash Testing, 15th Annual IATAI Conference, Danville, Illinois
- 2000 Commercial Vehicle Field Testing – Bosch Proving Grounds, South Bend, Indiana.