

Charles S. Greear

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SUMMARY OF QUALIFICATIONS AS A COLLISION RECONSTRUCTIONIST

Charles Sperry Greear is a twenty-two-year police officer and a ten-year veteran of the Idaho State Police. He is currently assigned to the patrol division in Coeur d'Alene, where he works in uniformed patrol. He is a Coeur d'Alene region patrol officer who is additionally responsible for patrol activities in the five northern counties.

In addition to his patrol functions, Charles Greear is an ACTAR Accredited Crash Reconstructionist, a Breath Testing Specialist, a Drug Recognition Expert, a Standardized Field Sobriety Test instructor and a Field Training Officer with the Idaho State Police. He is also certified by Idaho P.O.S.T. as an instructor for Crash Investigation, Collision Reconstruction and DUI investigation.

Charles Greear attended the University of Nevada, Reno, where he received a Bachelor of Sciences degree in Chemistry. He then attended the University of California, Santa Cruz, where he received a Master of Sciences degree in Inorganic Chemistry. After graduating, he worked as a Metallurgical Engineer, specializing in aerospace materials applications; working for Precision Rolled Products Inc. and for Viking Metallurgical Inc., both in the Reno, Nevada area. He has taught chemistry at the University of Nevada, Reno, at the University of California, Santa Cruz and at Truckee Meadows Community College, Reno, NV.

In 1987, he joined the Washoe County Sheriff's Office, in Reno, Nevada. He served there until January of 1996, at which time he moved to Idaho and joined the Clearwater County Sheriff's Department in Orofino. In June of 1999, he started with the Idaho State Police.

Charles Greear has been an active Collision Reconstructionist since 1995 and has personally investigated over 1500 crashes during his career, ranging from minor property damage crashes to multiple fatality crashes.

FORMAL EDUCATION

1980-1986

Graduate Courses (Metallurgical Engineering) at University of Nevada Reno

Elements of Material Sciences

Advanced Methods of Physical Metallurgy

Corrosion of Metals
Materials Failure Analysis
Advanced Corrosion Principles

1980

Master of Science (Chemistry) from University of California, Santa Cruz

Applicable Courses:

Introduction to Quantum Theory
Mathematical Methods of Physics
Chemical Kinetics
Statistical Mechanics
Reaction Mechanisms
Organometallic Chemistry

Thesis Research (*Oxidative Addition Reactions of Highly Fluorinated Ligands with Transition Metals*)

1977

Bachelor of Science (Chemistry) from University of Nevada, Reno

Applicable Courses:

Life Science Chemistry (I & II)
Introduction to Community Health
Organic Chemistry
General Physics
Calculus
Differential Equations
Linear and Vector Algebra
Analytical Chemistry
Instrumental Analysis
Physical Chemistry
Advanced Inorganic Chemistry
Advanced Physical Chemistry

TRAINING SPECIFIC TO COLLISION INVESTIGATION

Basic Accident Investigation (Washoe County Sheriff's Office)
Technical Accident Investigation (Nevada P.O.S.T.)
Traffic Accident Reconstruction-I (Northwestern University)
Basic Accident Investigation Refresher (Idaho State Police)
Advanced Crash Investigation (Idaho State Police)

Collision Reconstructionist (Idaho State Police)
Crash Investigation (The Backup)
Collision Reconstructionist Refresher (Idaho State Police)
IAARS Conference, 2005 (Idaho State Police)
Technical Collision Investigation (Washington C.J.T.C)
Collision Reconstruction Refresher (Idaho State Police)
Momentum and Energy Analysis (Washington C.J.T.C)
Crash Zone Training (ISP / George Maglaras)
Yaw Mark Testing & Drag Sled Evaluation (WATAI 2007, Bartlett)
Grade Crossing Collision Investigation (UP & BNSF Railroad)
Advanced Motorcycle Crash Reconstruction (Wade Bartlett)
MVA Reconstruction: Theory and Practice (IAARS 2008)
Energy Methods and Damage Analysis in Traffic Crash Reconstruction (IPTM)
LTI Laser / Crash Zone Refresher (Idaho State Police)
WATAI Crash Testing (Rusty Haight – WATAI 2009)
Momentum, Vectors, Δv & PDOF (Greg Russell – WATAI 2009)
Occupant Kinematics (Rob Kaufman – WATAI 2009)

CAREER HISTORY AND ACCOMPLISHMENTS

IDAHO STATE POLICE (1999- Present)

Assignment

Patrol Division, Region 1

Responsibilities

Uniform Patrol
Breath Testing Specialist
Crash Reconstructionist (3/01 – 7/09)
Drug Recognition Expert
SFST Instructor
Field Training Officer

Commendations

Letter of commendation from Idaho State Police for excellence in Collision Reconstruction (2009)

CLEARWATER COUNTY SHERIFF'S OFFICE, OROFINO, IDAHO (1996-1999)

Assignment

Corporal / Investigator (01/22/96 - 05/08/97)
Senior Deputy / Uniform Patrol (05/09/97 – 06/27/99)

Responsibilities

Criminal Investigations
Crash Reconstructionist
Uniform Patrol
Canine Handler
Member of the Emergency Response Team (ERT)

WASHOE COUNTY SHERIFF'S OFFICE, RENO, NEVADA (1987-1996)

Assignment:

Detention Deputy (07/87 - 07/89)
Department Armorer (07/89 - 07/90)
Reno Patrol Division (07/90 - 03/91)
Resident Deputy, Gerlach, Nevada (03/91 - 01/21/96)

Responsibilities:

Uniform Patrol
Canine Handler
Member of the Fatal Accident Investigation Team (Crash Reconstructionist)
Member of the Hostage Negotiations Team
Drug Recognition Expert
CSI Deputy
Rangemaster/Armorer
HAZMAT Instructor

VIKING METALLURGICAL CORPORATION, VERDI, NEVADA (1986-1987)

Assignment:

Quality Control Manager

Responsibilities:

Oversee Statistical Quality Control Program
Working With Titanium and High-Temperature Alloys for Aerospace Applications
Materials Integrity
Laboratory Manager
Physical Metallurgy
Materials Testing

PRECISION ROLLED PRODUCTS INC., RENO, NEVADA (1980-1986)

Assignment

Quality Assurance Manager

Responsibilities

Working With Titanium and High-Temperature Alloys for Aerospace Applications
Materials Integrity
Physical Metallurgy
Materials Testing
Oversee Production Quality and Ingot Forging



Memberships & Affiliations

ACTAR Accreditation Number: 1943

Washington Association of Technical Accident Investigators (WATAI)

Society of Automotive Engineers (SAE)

International Network of Collision Reconstructionists (INCR)

National Association of Traffic Accident Reconstructionists and Investigators (NATARI)

National Assoc of Professional Accident Reconstructionists, Inc. (NAPARS)

Expert Testimony (Crash Reconstruction)

Christopher Head v. State of Idaho (2004, Deposition, Kootenai County, Idaho)

State of Idaho v. Keith Nichols (2007, Kootenai County, Idaho)

State of Idaho v. Oly Morris (2007, Bonner County, Idaho)

State of Idaho v. Georgia Ziegwied (2007, Boundary County, Idaho)

State of Idaho v. Jason Miller (2007, Bonner County, Idaho)

Kenneth Saucier v. Ford Motor Company (2008, Deposition, Kootenai County, Idaho)

State of Idaho v. Randall Epp (2008, Kootenai County, Idaho)

State of Idaho v. Lucille Hylton (2008, Bonner County, Idaho)

State of Idaho v. Dominick Salois (2008, Kootenai County, Idaho)

State of Idaho v. Daniel Cutting (2008, Kootenai County, Idaho)

State of Idaho v. Claire Elliott (2009, Boundary County, Idaho)

State of Idaho v. Michael Degroff (2009, Boundary County, Idaho)

Expert Testimony (DUI Investigation, Alcohol Physiology)

State of Idaho v. Hope Mickelson (2008, Bonnor County, Idaho)