

Curriculum Vita

Of

Gary L. Bowker

1512 East 14th Avenue
Winfield, Kansas 67156

Phone: 620-218-1419

EMPLOYMENT HISTORY

March 1998-May 2008
Winfield Fire Department
Winfield, Kansas
Fire Marshal

Responsibilities Include: Administrative assistant to the fire chief, overall management of the Fire Prevention Bureau. Conducts fire inspections of commercial, industrial, & health care facilities, schools & government occupancies within the community. Conducts and teaches public fire safety & educational programs. Coordinates the youth fire setter intervention program. Reviews plans and drawings for new construction within the community and makes recommendations for compliance with all applicable fire and life safety codes. Responds to fire emergencies as a senior fire officer and assumes incident command as needed. Conducts fire scene investigations, prepares reports, gathers evidence at criminal fire scenes, interviews suspects, serves arrest warrants, testifies as expert witness in fire origin and cause determination. Deputized as a Cowley County Sheriff's Officer and Deputy Kansas State Fire Marshal.

August 1994-March 1998
Fire Cause Consultants, Inc.
Arkansas City, Kansas 67005

Responsibilities Included: Owner and President of Fire Cause Consultants, Inc., a private fire origin and cause determination firm serving major insurance companies throughout Kansas and Nebraska. Conducted fire scene examinations of commercial and residential property losses with prepared documentation. Testified in both civil and criminal court cases as an expert witness. Provided technical fire investigative training classes for insurance company adjusters, loss managers, and special investigative units. Investigated over 300 fire scenes.

March 1991-August 1994
McConnell Fire Department
McConnell AFB, Kansas
Deputy Fire Chief

Responsibilities included: Supervision of 80 firefighters/EMT's and six chief fire officers, overall management and incident command of commercial, industrial and residential fire emergencies, aircraft incidents, hazardous material and EMS responses. Managed \$2.4 Million budget, supervised pre-fire incident planning program, departmental training program, fire prevention and education program, and facility fire inspection program. Conducted fire scene investigations and served as a technical advisor for USAF Office of Special Investigations. Served as Fire Chief for one year during his absence. Developed departmental operating standards and policies. Conducted community risk management assessment and planning. Selected to serve on the USAF Inspector General's Fire Protection Evaluation Team. Conducted periodic inspections of fire protection services effectiveness at major Air Force installations.

December 1989-March 1991
Whiteman Fire Department
Whiteman AFB, Missouri
Deputy Fire Chief

Responsibilities included: Supervision of 63 firefighter/EMT personnel and six chief fire officers, determined resource requirements for fire protection objectives which included the USAF Stealth B-2 Bomber Program. Directed overall firefighting and rescue operations, prepared fire incident reports, and statistical data. Prepared and administered \$1.8 million budget for fire department. Supervised fire prevention/education program conducted fire cause and origin investigations and submitted to higher headquarters. Served as Fire Chief during his absence.

December 1985-December 1989
Lajes Field Fire Department
Lajes Field, Azores Portugal
Assistant Fire Chief

Responsibilities included: Supervision of four subordinate fire inspectors, supervised fire prevention and inspection programs, reviewed new construction plans and drawings for proper fire protection engineering requirements. Conducted fire scene investigations involving structures, vehicles, and aircraft. Later assigned as Assistant Fire Chief of Operations. Supervised an operational shift of 24 firefighters, responded to fire and medical emergencies, established incident command and directed firefighting and rescue operations. Developed firefighter occupational safety program. Developed Standard Operating Guidelines for department. Conducted personnel evaluations. Monitored fire apparatus and vehicle maintenance program. Served as Deputy Fire Chief during his absence.

March 1981-December 1985
Department of Defense School of Fire Protection
Chanute AFB, Illinois
Master Instructor

Taught structural firefighting tactics and techniques to entry level firefighters to include Firefighter I curriculum. Selected from among a field of 125 other fire instructors to teach the DOD Fire & Arson Investigation (96 hours) and Fire Inspector Technology course (120 hours). Duties included: presenting lectures, developing lesson plans, administering tests and measurements, and researching technical data to continually insure course material was current. Provided classroom instruction to over 600 students per year. Courses taught included: Fire Chemistry, Theories of Combustion, Fire Behavior, Flammable Liquids and Gases, Building Construction, Accidental Fire Causes, Incendiary Fire Causes, Flammable & Chemical Accelerants, Incendiary Devices, Legal Aspects, The Crime of Arson, Motives, Types of Fire Setters, Juvenile Fires, Evidence Collection and Preservation, Report Preparation, Fire Scene Documentation & Photography.

Additional Curriculum Taught Included: Fire Inspection Process and Code Enforcement, Fire Protection Engineering Factors, Blueprint Review, NFPA Life Safety Code 101, Fire Suppression & Detection Systems and Hazard Abatement Program. Was requested to respond and examine numerous fire scenes in the field at the base fire chief's request.

EDUCATION & TRAINING

COMMUNITY COLLEGE OF THE AIR FORCE

McConnell AFB, Kansas
Fire Science Technology
80 Accredited Hours

ADVANCED HUMAN RESOURCE MANAGEMENT

USAF NCO Leadership Academy

McGuire AFB, New Jersey
Graduated 11/88

USAF SCHOOL OF INSTRUCTOR TECHNOLOGY

Chanute AFB, Illinois
Graduated 5/81

USAF TECHNICAL TRAINING COURSES

- Principals of Fire Protection Management-May 1988
- Advanced Fire Incident Command-December 1985
- Fire Investigation Technology-January 1984
- Fire Inspection Technology-August 1983
- Firefighter III Certification-November 1982
- Firefighter Advanced Rescue Technology-January 1978
- Firefighter Technical Training Academy-June-August 1977

CERTIFICATIONS & AWARDS

- National Certification Fire & Explosion Investigator NAFI
- National Certification Fire Inspector II
- National Certification Fire Officer II
- National Certification Fire Instructor II

- Certified Hazardous Materials Incident Commander 1993
- Certified Master Instructor USAF 1983
- NFPA 1500 Firefighter Occupational Health & Safety Seminar 1992
- Fire Safety Evaluation Systems Oklahoma State University 1994
- National Fire Academy Instructor for Hazardous Materials 1986
- Advanced Firefighting Tactics & Strategy University of Illinois 1985
- National Fire Academy Incident Analysis 1986
- Incident Commander Course Illinois Fire Service Institute 1982
- Fire & Arson Seminar Kansas State Firefighters Association 1976
- Fire & Arson Seminar Kansas State Firefighters Association 1975
- USAF Medal of Commendation for Life Saving
- USAF Medal of Commendation for Superior Performance
- USAF Medal of Meritorious Service as Incident Commander
- USAF Medal of Achievement
- USAF Most Outstanding Orator Award USAF Instructor School
- Kansas Chapter International Association of Arson Investigators (IAAI) Seminar 1995
- Kansas Chapter International Association of Arson Investigators Seminar 1997
- Kansas Chapter IAAI Seminar 20 hrs tested 1998
- Kansas State Fire Marshal Juvenile Fire Setter Training Program 1998
- Kansas Chapter IAAI Seminar 20 hrs tested 1999
- Kansas Highway Patrol Law Enforcement Academy & KSIAAI 102 hr. tested Law Enforcement course 1999
- Kansas Chapter IAAI Seminar 20 hrs tested 2000
- Kansas State Fire Marshal's Office & KSIAAI 80 hr Arson Investigator course 2000
- Certified Fire Investigator II Kansas State Fire Marshal's Office 12/00 Cert. #182
- Kansas Chapter IAAI Seminar 20 hrs tested 2001
- University of Kansas Fire Service Training Incident Management. 12 hrs tested 01/01
- National Fire Academy Incident Safety Officer Course 12 hrs tested 2/01
- National Fire Academy MICTO Tactics course 12 hours tested 9/01
- Registered Emergency Medical Technician EMT-B Registry # B1352964 8/01
- Kansas Chapter IAAI Seminar 20 hours tested 2002
- Public Agency Training Counsel Seminar Bombs & Bomb Investigation 16 hrs 10/02
- Public Agency Training Counsel Seminar Natural & LP Gas Fire Investigation 16 hrs 01/03
- Kansas Chapter IAAI Seminar 20 hrs tested 2003
- Public Agency Training Counsel Seminar Kinetic Interview & Interrogation Techniques 24 hours 11/03

- Kansas Chapter IAAI Seminar 20 hours tested 02/04
- Public Agency Training Counsel Seminar Fire Fatality Investigations 16 hrs 02/25/05
- Taught 80 hrs Fire Investigation Course with Kansas IAAI and Kansas State Fire Marshal's Office at Kansas Highway Patrol Academy 09/04
- Attended International Building & Fire Code Seminar Wichita, KS 24 hrs 11/04
- Attended Insurance Services Organization (ISO) Seminar Wichita, KS 16 hrs 11/04
- Attended and Taught at Kansas Chapter IAAI Annual Seminar in Topeka, KS 20 hrs tested 02/05
- Attended & Served on Planning Team for Missouri Valley Fire Chiefs Burn and Life Safety Conference in Wichita KS 48 hrs 5/05
- Attended Fireproof Children/Prevention First Train-the-Trainer Course Wichita KS 6 hrs 9/05
- Attended and Taught at Kansas IAAI Annual Seminar in Topeka, KS 20 hrs tested 02/06
- Attended Public Agency Training Counsel Seminar on Fire Pattern Recognition & Identification Wichita, KS 24 hrs 5/06
- Attended Regional IAAI Seminar in Topeka, KS 24 hrs tested 02/07
- Attended NIMS 100,200,300,700, & 800 during 2006-2007
- Attended Public Agency Training Counsel course on Hands-On Vehicle Fire/Arson Investigation Wichita, KS 24 hrs tested 3/07
- Attended the Courage to Be Safe Program Lawrence, KS 10/07
- Nationally selected as one of Top 20 CTBS Instructors for 2010

PROFESSIONAL EXPERIENCE SUMMARY

- Fire Chief Sumner County Fire Department District. #10 Dec. 1994-March 1998
- Fire Science Instructor Butler Community College 1992-Present. 3 Credit hr Course curriculum taught includes: Firefighting Tactics & Strategy, Incident Command & Management, Fire Department Administration, Firefighter Safety, Rural & Suburban Fire Protection, Fire Prevention & Inspection Practices, and Fire/Arson Investigation.
- Instructor 80 hr Annual Fire & Arson Investigation Course Sponsored by the Kansas Chapter IAAI and KSFM Held at Kansas Highway Patrol Academy Salina, Kansas
- Kansas Advocate for National Fallen Firefighters Foundation Everyone Goes Home Program 2007-Present

- Associate Instructor University of Kansas Fire & Rescue Training Institute 2008- Present
- Selected as Member USAF Inspector General Fire Protection Evaluation Team 1992-1994. Responsibilities included evaluation of fire protection readiness of major Air Force Installations worldwide. Conducted evaluations of Fire Department response capabilities to mass casualty incidents, hazardous material response and natural disasters. Evaluated resource management utilization, tactics and strategies employed at emergency incidents and fire department training program effectiveness. Evaluated fire prevention programs, public education effectiveness and water supply capabilities. Made written recommendations for improvement and compliance with national standards and Air Force policy.
- Fire Science Instructor/Coordinator City College of Chicago 1986-1989
Lajes Field Air Force Base Portugal

PROFESSIONAL ORGANIZATIONS

- Member International Association of Arson Investigators (IAAI)
- Member Kansas Chapter IAAI
- Member National Association of Fire Investigators
- Member Kansas State Fire Chief's Association
- Past Member Fire Marshal's Association of Kansas
- Past Chairman South Central Kansas Arson Strike Force
- Past Member of Board of Directors Kansas Chapter IAAI
- Kansas State Advocate with the National Fallen Firefighters Foundation Everyone Goes Home Program 2007-Present
- Past Member Board of Directors Fire & Burn Safety Alliance of South Central Kansas

AUTHORSHIPS

Bowker's Fire Scene Examination Guide for Structural, Vehicle, and Fatality Fire Scene Investigations. Copyrighted 2006

Someone is Missing Tonight-Firefighter Safety Article for Everyone Goes Home Newsletter-December 2007

Over Coming Hazards of Lightweight Construction, FireRescue1 2009

Building Construction: Firefighter Life Safety Considerations, 3 part article for Kansas State Firefighters Association, Fire Wire, 2010

RECORD OF EXPERT WITNESS TESTIMONY

- 1) 6/12/97 Testified in Boone County District Court Albion, Nebraska for the Villa Restaurant fire. State of Nebraska vs. Ronald French.
- 2) 2/26/98 Testified in Saline County District Court Salina, Kansas for dwelling fire. State Farm vs. Superior Electric.
- 3) 5/6/98 Testified in Reno County District Court Hutchinson, Kansas for the Sampler's Restaurant fire. State of Kansas vs. Eileen Ferguson.
- 4) 12/7/99 Testified in Cowley County District Court, Arkansas City, KS for vehicle fire. State of Kansas vs. Gerald Dale Hall
- 5) 1/25/02 Testified in Cowley County District Court Winfield, Kansas for vehicle fire. State of Kansas vs. Christopher Topper.
- 6) 2/7/03 Testified in Cowley County District Court Winfield, Kansas for Aggravated Arson. State of Kansas vs. Joshua Blaine Wolf.

Depositions Given

- 1) 3/17/98 with Attorney Mr. Mark Powell, Wichita, Kansas for structure fire in Argonia, Kansas on 12/20/96. Alliance Insurance Company
- 2) 8/27/98 with Attorney Mr. Douglas Ott, Sedan, Kansas for residential structure fire in Sedan on 2/3/96. Farm Bureau Mutual Insurance Company.
- 3) 5/27/03 with Attorney Mr. David Vogel, Wichita, Kansas for structure fire in Dexter, Ks on 8/22/00. Tena Westfall vs. Bryant Electric a Division of Hubble, Inc.
- 4) 12/8/08 with Attorney Mr. Dustin DeVaughn, Winfield, Ks Sonner Motor Inn vs. Finn's Electric Company

PERSONAL REFERENCES

Deputy Chief Alan Stoll
Fire Marshal
Winfield Fire Department
817 Fuller
Winfield, Kansas 67156
Phone 620-221-5560

Mr. George M. Gurley
Fire Chief (Ret)
1500 Millington
Winfield, Kansas 67156
Phone: 620-221-4397

Chief Tim Millspaugh
Fire Marshal
Sedgwick County Fire Department
4343 North Woodlawn
Wichita, Kansas 67220
Phone: 316-660-0471

Michael Petroff
Western Director
Fire Department Safety Officer's Association
1404 Coburg Lands Drive
St. Louis, Missouri 63137-3008
Phone: 314-869-2936

Mr. John Lloyd
Fire Chief (Ret)
1210 N. Washington
Wellington, Kansas 67152
620-326-0325