

CURRICULUM VITAE

Bob Andrews Group, L.L.C.

Robert C. Andrews, Jr., P.E., M.Sc., SFPE, MIFireE, EFO
President & CEO

Education

- 2008 **Certificate Course in Railway Management (RMP)**
Michigan State University
East Lansing, Michigan
- 2002 **Master of Science – Executive Fire Service Leadership (M.Sc.)**
Grand Canyon University
Phoenix, Arizona
- 2002 **Executive Fire Officer Program (EFO)**
National Fire Academy
Emmitsburg, Maryland
(Residency requirements completed 1988 – 1991)
- 1980 **Bachelor of Science – Fire Protection Engineering**
University of Maryland
College Park, Maryland
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Professional Experience

- Apr. 2005 – Present **Bob Andrews Group, L.L.C.**
San Antonio, Texas
Owner, President & CEO
- Sept. 2003 – Present **The Catalpa Falls Group, L.L.C.**
San Antonio, Texas
Member and Managing Partner
- Mar. 1999 – Present **Industrial Emergency Services, L.L.C.**
San Antonio, Texas
- Jan. 2010 – Present Chief Executive Officer &
 Fire Chief Emeritus*
- Mar. 1999 – Dec. 2009 President & Fire Chief*

Mar. 1985 – Present **Protection Development, Incorporated**
San Antonio, Texas

Nov. 2004 – Present President & Chief Executive Officer

Sept. 2001 – Nov. 2004 Managing Partner (added to existing responsibilities)

*Mar. 1985 – Sept. 2001 Founding Partner, Fire Protection Engineer, Vice President
& Corporate Secretary*

Jan. 2006 – Mar. 2009 **Jim Kaelin [for Nueces County Sheriff] Campaign**
Corpus Christi, Texas

Campaign Manager

Jan. 1986 – Mar. 1999 **Refinery Terminal Fire Company**
Corpus Christi, Texas
Vice President (General Manager) & Fire Chief

Jan. 1982 – Dec. 1985 **Celanese Chemical Company**
Bishop, Texas
Fire Protection Engineer

Dec. 1980 – Dec. 1981 **Marathon Oil Company**
Findlay, Ohio
Associate Risk Engineer

Summer Internships

1980 **Phoenix Fire Department**
Phoenix, Arizona
Fire Protection Engineer – Intern

1979, 1978 & 1977 **Factory Mutual Engineering Association**
Philadelphia, Pennsylvania
Loss Prevention Engineer – Intern

Concurrent Public Safety (Community Service) Experience

Jan. 1997 – Present **Nueces County Constable's Office – Precinct 2 ***
Corpus Christi, Texas (* formerly Precinct 8)

Regular Peace Officer & K-9 Handler

Nov. 1990 – Dec. 1997 **Nueces County Constable's Office – Precinct 8**
Corpus Christi, Texas

Regular Peace Officer & K-9 Handler (01/02/91 – 01/01/97)
 Reserve Officer & K-9 Handler (11/28/90 – 01/02/91)

Jan. 2007 – Mar. 2009 **Nueces County Sheriff's Office**
Corpus Christi, Texas

Major – Reserve Unit Commander

Jan. 1990 – Nov. 1990 **Nueces County Sheriff's Office**
Corpus Christi, Texas

Reserve Officer (1/22/90 – 11/14/90)

1987 – 1988 **Nueces County – City of Corpus Christi Local Emergency
Planning Committee (LEPC)**
Corpus Christi, Texas

Co-chairperson

1976 – 1980 **College Park Volunteer Fire Department**
College Park, Maryland

*Private, EMT, Chief's Aide, Driver, Sergeant, Lieutenant, Captain,
and Training Officer*

1976 – 1980 **Maryland Fire & Rescue Institute**
College Park, Maryland

Student Assistant

1974 – 1976 **East Whiteland Volunteer Fire Association**
Malvern, Pennsylvania

Firefighter, Emergency Medical Technician (NREMT)

Licenses, Certifications, & Awards

Licenses

1990 **Licensed Peace Officer**
Texas Commission on Law Enforcement Officer Standards and Education

1985 **Licensed Professional Engineer (P.E.)**
State Board of Registration for Professional Engineers
State of Texas (No. 57907)

Certifications

- 2003 - 2006 **Chief Fire Officer Designation (CFO)**
Commission on Chief Fire Officer Designation
- 2001 **Master Peace Officer Certificate (MPO)**
Texas Commission on Law Enforcement Officer Standards and Education
- 2001 **Instructor Certificate**
Texas Commission on Law Enforcement Officer Standards and Education

Professional Engineering Societies

- 2003 **Member (MIFireE)**
Institution of Fire Engineers
Leicester, United Kingdom
- 2003 **Professional Member (SFPE)**
Society of Fire Protection Engineers
Bethesda, Maryland
(Associate Member 1981 – 2003)
- 1979 **Member (and Past President)**
Salamander Honorary Fire Protection Engineering Society
Beta Chapter
University of Maryland
College Park, Maryland

Awards

- 2003 **Certificaat Met Lof – Politiehond II**
Koninklijke Nederlandse Politiehond Vereniging (KNPV)
(Royal Dutch Policedog Association)
- “...at the examination held in Almere (Netherlands) on 26 July 2003, the K-9 named Bronko with handler R. C. Andrews, Jr. earned a Certificate Policedog II (advanced) Met Lof (with honors) having earned a total of 433 points [out of 455 points possible]”*
- 2003 **Academic Recognition Award (Medal)**
Texas Commission on Law Enforcement
- “In acknowledgement of Academic Achievement...”*
- 2002 **Advanced K-9 Patrol Certificate (with honors)**
Nueces County Constable Department – Precinct 2
- Awarded to the Patrol K-9 Team of Deputy Robert Andrews and K-9 Bronko*

- 1999 **Certificate of Appreciation**
United States Army Special Operations Command (Delta Force)
- “your assistance made an immeasurable contribution to the successful accomplishment of all our training objectives....”*
- 1998 **Certificate of Appreciation**
United States Coast Guard
MSO Corpus Christi, Texas
- “In appreciation of participating as a guest speaker at the 1st Annual South Texas Coastal Zone Marine Fire Fighting Symposium”*
- 1998 **Appreciation Award (Plaque)**
Singapore Civil Defense Force
Singapore, Singapore
- “in appreciation for services rendered”*
- 1997 **Corporate Resolution (Department-wide Commendation)**
Refinery Terminal Fire Company
Corpus Christi, Texas
- “Whereas, the Refinery Terminal Fire Company employees, who responded to and after the 12 May 1997 CITGO Fire, performed in an exemplary manner during the response and recovery phases; and displayed professionalism, energy, strength, bravery, and judgement...”*
- 1996 **Combat Cross (Medal) & Certificate of Commendation**
Nueces County Precinct 8 Constable’s Office
Corpus Christi, Texas
- “for outstanding service and contributions to the standoff at Port Aransas, Texas on December 23, 1996, for maintaining calm professional demeanor, while drawing fire from an armed adversary while attempting to effect an arrest”*
- Related citations also received from:
- Port Aransas (TX) Police Department:
- “...appreciation for the personal effort you made during the shooting incident and subsequent manhunt of December 22-23, 1996 in Port Aransas, Texas. Your dedication to law enforcement and the professionalism you displayed was evident during this armed standoff...”*
- 1996 **Certificaat – Politiehond II**
Koninklijke Nederlandse Politiehond Vereniging (KNPV)
(Royal Dutch Policedog Association)
- “...at the examination held in Hilversum (Netherlands) on 26 July 1996, the K-9 named Robby with handler R. C. Andrews, Jr. earned a Certificate Policedog II (advanced) having earned a total of 399 points”*

1995

Letter of Appreciation

U. S. Department of Justice
Federal Bureau of Investigation

".....along with K-9 Argos... assisted the FBI with the arrest of Carl Sidney Race.Race was indicted...on two counts of Deliberate Homicide, two counts of Attempted Homicide and one count of Felony Arson."

"The arrest of Race took place without incident. There is no doubt in my mind that a significant reason for the successful outcome was the assistance and professionalism demonstrated by [your deputies]."

"Deputy Constables Cox, Marsh, Whitmore, Johnson, and Andrews are not only a credit to your office but are also a credit to law enforcement"

1993

Certificate of Service

Nueces County Precinct 8 Constable's Office
Corpus Christi, Texas

"for outstanding service and contributions"

1993

Letter of Appreciation

Department of the Treasury
U. S. Customs Service

"....express our appreciation to Deputy Constable Robert Andrews and his K-9 partner Argos, for their dedication, skill, perseverance, and cooperative spirit"

"During the periods of June, July, and August of 1993 Deputy Robert Andrews and his partner "Argos" assisted the U.S. Customs Service in targeting and examining commercial vessels in searching for contraband. Their efforts contributed significantly in deterring drug smuggling in South Texas. Deputy Robert Andrews' knowledge, skill, and participation is both noteworthy and appreciated."

1991

Certificate of Appreciation – Reserve Deputy of the Year 1991

Nueces County Precinct 8 Constable's Office
Corpus Christi, Texas

1990

Executive Fire Officer Program 1990 Outstanding Research Award

National Fire Academy
Emmitsburg, Maryland

"A study to determine the feasibility of utilizing the incident command system as adopted by the National Fire Academy for the command and control of resources at emergency incidents at refining and petrochemical facilities in Corpus Christi, Texas."

1977

Lifesaving Recognition
College Park Volunteer Fire Department
College Park, Maryland

“in recognition of his assistance in a successful rescue at a house fire on February 4, 1977”

Publications, Presentations, Interviews, and Technical Reviews – (a selection)

Publications

Andrews, R. C., Jr. (2009, December 22). *Rio Grand Scenic ski train: Joint Emergency Preparedness Plan – Revision 1 (In accordance with 29 CFR 239.101 “Emergency Preparedness Plan). PDI Rail Project No. R09-004.* San Antonio, TX: PDI Rail Solutions – A Division of Protection Development, Incorporated (114 pages).

Andrews, R. C., Jr., Payne, G. F. (2009, December 11). *Rio Grand Scenic ski train: Pre-Revenue Service Acceptance Testing Plan – Revision 1 (In accordance with 29 CFR 238.111 “Pre-Revenue Service Acceptance Testing Plan). PDI Rail Project No. R09-009.* San Antonio, TX: PDI Rail Solutions – A Division of Protection Development, Incorporated (3 pages).

Andrews, Bob & Payne, George (2007, November / December). The “Chippewa Creek’s” Cross-Country Adventure... *Information Exchange*, 25, 1-6. Railroad Passenger Car Alliance.

Andrews, R. C., Jr. (2006, September 13). *Music City Star Commuter Service: Fire Safety Analysis (In accordance with 49 CFR 238.103(d) “Fire Safety” and APTA RP-PS-005-00 “Recommended Practice for Fire Safety Analysis of Existing Passenger Rail Equipment”) PDI Project No. 06-189.* San Antonio, TX: Protection Development, Incorporated (78 pages).

Andrews, R. C., Jr. (2006, March 18). *On-Site Fire Safety Survey for Marathon E.G. Production Limited (MEGPL), Atlantic Methanol Production Company (AMPCO), and EG Global LNG Services, Limited (EGLNG) – January 18 – 31, 2006 [Bioko Island, Equatorial Guinea] PDI Project No. 06-017.* San Antonio, TX: Protection Development, Incorporated (42 pages).

Deonarine, L. D. & Andrews, R. C., Jr. (2003, March 31). *Foam Requirements for Fighting Fires in Open-Top, Floating Roof Petroleum Storage Tanks – A report prepared for the Corpus Christi Fire Department.* Corpus Christi, TX: Industrial Emergency Services, L.L.C.

Andrews, R. C., Jr., Vallone, P. A., & Cochrane, J. R. (2002, August 14). *An independent fire protection & life-safety analysis of the U.S.S. Lexington Museum on the Bay Corpus Christi, Texas.* San Antonio, TX: Cochrane & Associates.

Andrews, R. C., Jr. (2002, May). *Innovations & challenges in industrial emergency response [Course Text].* Dammam, Saudi Arabia: Gulf Industrial Emergency Services, Ltd.

- Andrews, R. C., Jr. (2002, January). *Preliminary specifications for a fire response vessel for the Port of Greater Baton Rouge, Louisiana* [draft report]. Corpus Christi, TX: Industrial Emergency Services, L.L.C.
- Andrews, R. C., Jr. (2001, October). *A feasibility study to determine the economics of Industrial Emergency Services, L.L.C. purchasing an existing fire training academy in Axis, Alabama*. Emmitsburg, MD: National Fire Academy.
- Andrews, R. C., Jr. (Ed.) (2001, March). *IES Disaster Prevention Seminar* [Seminar Text]. Corpus Christi, TX: Industrial Emergency Services, L.L.C.
- Andrews, R. C., Jr. (1992, November-December). The environmental impact of firefighting foams. *Industrial Fire Safety*, 1, 26-31.
- Andrews, R. C., Jr. (1992, May). *The environmental impact of firefighting foam concentrates – contemporary management considerations for the chief fire executive*. Emmitsburg, MD: National Fire Academy.
- Andrews, R. C., Jr. (1990, June) *A study to determine the feasibility of utilizing the incident command system as adopted by the National Fire Academy for the command and control of resources at emergency incidents at refining and petrochemical facilities in Corpus Christi, Texas*. Emmitsburg, MD: National Fire Academy.
- Andrews, R. C., Jr. (1989, June) How to document a “save”. *Industrial Fire World*, 4, 19-21.
- Andrews, R. C., Jr. (1985, June) Management for the mid-eighties: how successful fire service leaders are meeting the challenge. *Firehouse*, 10, 98-100+.

Presentations

- Andrews, R. C., Jr. (2006, March 29). *Oversees Employment – What you always wanted to know?* 2006 Industrial Fire World Conference, Baton Rouge, LA.
- Andrews, R. C., Jr. (2002, May 4). *Innovations & Challenges in Industrial Emergency Response*. A seminar conducted by Gulf Industrial Emergency Services, Ltd., Dhahran, Saudi Arabia.
- Andrews, R. C., Jr., Davis, L.W., & Deonarine, L. G. (2001, August 29-31). *Command Team Retreat for the Houston (TX) Fire Department*. A management retreat facilitated by Industrial Emergency Services, L.L.C., Kemah, TX.
- Andrews, R.C., Jr. (2001, March 23). If we don't learn from our past mistakes, we are destined to repeat them. *IES Disaster Prevention Seminar*. Symposium conducted by Industrial Emergency Services, L.L.C. in cooperation with the St. James Mutual Aid Organization, Baton Rouge, LA.
- Andrews, R. C., Jr. (1998, April 20-22). Live fire training & simulators for today's industrial fire teams. *Industrial Fire Journal Singapore Conference*. Symposium sponsored by Industrial Fire Journal, Singapore, Singapore.
- Andrews, R. C., Jr. & White, D. (1992, September 17-19). Industrial Fire Brigade & Fire Department Interface. *IMS Seminar – Issues...Ideas...& Making IMS Work*. Symposium hosted by the Phoenix Fire Department, Phoenix, AZ.

Andrews, R. C., Jr. (1991, May 13-15). Organization for Emergency Response. *Second International Oil and Petrochemical Forum*. Sponsored by Angus Fire, Reims, France.

Interviews

Walters, P. (2001, August). Entrepreneur profile – Bob Andrews, President and Fire Chief, Industrial Emergency Services, L.L.C., *Business & Industry Connection*, 18, 20.

Turnbull, A. (2000, June). Outsourcing Fire Response to Industry – The IFJ Interview. IFJ editor Aidan Turnbull interviews IES Fire Chief Bob Andrews about the current US trend in the privatization of industrial fire brigades. *Industrial Fire Journal*, 39, 43-45.

Turnbull, A. (1997, December – January). Texas Refinery Special – IFJ talks to Fire Chief Andrews about the role of the Refinery Terminal Fire Company at Corpus Christi, Texas, USA, in fighting storage tank fires. *Industrial Fire Journal*, 25, 42-44.

Technical Reviews

Noll, G. G., Hildebrand, M. S., & Yvorra, J. (2005). *Hazardous Materials: Managing the Incident (Third Edition)*. Chester, MD: Red Hat Publishing Company, Inc.

Brunacini, A. V., (2002). *Fire Command – Second Edition*. Quincy, MA: National Fire Protection Association.

Emergency Film Group (Producer). (1997). *Petroleum Storage Tanks*. [Motion picture]. (Available from Emergency Film Group, 140 Cooke Street, Edgartown, MA 02539-1928).

Hildebrand, M.S., & Noll, G. G. (1997). *Storage Tank Emergencies*. Annapolis, MD: Red Hat Publishing.

Hildebrand, M. S., Noll, G. G., & Yvorra, J. G. (1995). *Hazardous Materials: Managing the Incident (Second Edition)*. Stillwater, OK: Fire Protection Publications.

Memberships

International Association of Fire Chiefs

National Society of Executive Fire Officers

National Fire Protection Association

Society of Fire Protection Engineers (Austin / San Antonio Chapter)

Koninklijke Nederlandse Politiehond Vereniging (KNPV)
(Royal Dutch Policedog Association)

St. Andrew's Episcopal Church (Corpus Christi, Texas)

Christ Church in Philadelphia

St. Mark's Episcopal Church (San Antonio, Texas)

Episcopal Diocese of West Texas (Stewardship Commission – Annual Giving)

Railroad Passenger Car Alliance

American Association of Private Rail Car Owners

The American Association of Railroad Superintendents

The Union League of Philadelphia

The Petroleum Club of San Antonio