CURRICULUM VITAE: EMANUEL KAPELSOHN

PERSONAL DATA: Born: April 23, 1952. Newark, NJ

Marital Status: Married with two children

Address: 1636 N. Cedar Crest Blvd. #320, Allentown, PA 18104

Telephone: 610-360-7053 Email: peregrine@ptd.net

ACADEMIC DEGREES: Yale University. B.A. <u>cum laude</u>. English Literature (1974)

Activity: Varsity Heavyweight Crew (earned Varsity Letter)

Harvard Law School. Juris Doctor (1977)

Activity: Harvard Prison Legal Assistance Project

EMPLOYMENT:

- 1985 President. The Peregrine Corporation. Design, evaluation and implementation of training programs for police, security, and other armed personnel and civilians throughout the United States and abroad, including use of force, firearms, defensive tactics, executive protection, and specialized training; instructor and armorer training and certification; consulting with regard to the selection of firearms and other equipment; technical evaluation and consulting regarding design and function of firearms and related products; security surveys and risk assessments; litigation consulting and expert witness services; production of videotape training programs, written training materials, training aids, product literature and warnings; writing articles for publication in law enforcement and firearms periodicals.
- 2009-10 Adjunct Instructor, Criminal Justice Department, Indiana University, Bloomington, IN. Taught Senior Seminar, "Police Use of Force" (2009, 2010)
- 2007 Attorney. Lesavoy Butz & Seitz LLC. Allentown, PA. Civil litigation, municipal law, general practice, risk management. 2007 to present.
- 2006-7 Associate. Lamm Rubenstone Lesavoy Butz & David LLC. Allentown, PA. Civil litigation, municipal law, general practice.
- Associate. Blank Rome LLP, Allentown, PA. Civil litigation, including state and federal
 court practice. Bar admissions: Pennsylvania Supreme Court, Federal District Courts for
 the Eastern and Middle Districts of Pennsylvania and the Northern District of New York.
- 1982-5 Firearms Training Consultant (self-employed). Firearms instruction for police, security and other armed personnel and civilians; consulting and expert witness services; writing articles for publication in firearms periodicals.
- Director of Security. Jasna Polana, Princeton, NJ. Private estate security, executive protection and protection of valuables in transit. Responsibilities included hiring and training armed security officers, scheduling, design and implementation of operational procedures, supervision, planning of special operations, dealing with vendors of security equipment and services, and interfacing with law enforcement and other public agencies.
- 1979-83 Operative. The Spiesman Agency, New York, NY. Occasional part-time detective work including surveillance, criminal and civil investigations, interviewing of witnesses, process service, and bodyguarding.

1977-82

Associate; Senior Associate. Friedman & Gass, P.C., 99 Park Avenue, New York, NY. Commercial litigation, including trial and appellate practice in state and federal courts throughout the United States for major domestic corporations. Bar admissions: New York Supreme Court; Federal District Courts for the Southern and Eastern Districts of New York, Western District of Pennsylvania, and District of Utah; U.S. Court of Appeals for the 10th Circuit; U.S. Armed Services Board of Contract Appeals, Washington, D.C.

FIREARMS TRAINING

QUALIFICATIONS: FBI-Certified Firearms Instructor

Instructor, Burlington County (NJ) Police Academy (1986-1995)

Instructor, Allentown (PA) Police Academy (1999-2007)

Technical Editor, The Police Marksman Magazine (1987-1990)

Contributing Editor, Special Weapons and Tactics Magazine (1983-1986)

Editor, The Firearms Instructor (1994-1995)

Editorial Committee, The Firearms Instructor (1988-94, 1996-97, 2001-2002)

International Association of Law Enforcement Firearms Instructors (IALEFI) Active Member (1984-); Member, Board of Directors (1987-); Third Vice President (1991-2011): Second Vice President (2012-2015): First Vice-President (2015-)Chairman, Firearms Training Criteria Committee (1995-2016); Chairman, Corporate Sponsorship Committee (1987-1990); Chairman, Instructor Certification Committee (1988-1990); Chairman, Safety Committee (1995-2003); Member, Safety Committee (2003-); Member, Legal Committee (1987-1999); Chairman, Legal Committee (1999-); Chairman, Editorial Committee (1994-1995); Member, Editorial Committee (1988-1994, 1996-1997; 2001-2003); Chairman, Firearms Training Standards Subcommittee (1992-95); Member, Instructor Criteria Committee (1996-); Member, By-Laws Committee (1999-2002; 2016-); Member, Ethics Committee (2003-). Principal Author or Associate Editor of several IALEFI publications – see below. Originator, IALEFI Handgun Safety Check. Designer, IALEFI O target series. Member, Instructor Certification Committee (2010 - 2011)

Member, National Advisory Board, Police Marksman Association (1986-2006) Special Police Officer, Lawrence Twp. Police Department (1986) Reserve Deputy Sheriff, Cleveland County Sheriff's Office (1988-1991) Reserve Lieutenant, Albee-Maple Grove Police Department (1989-1990) Special Deputy Sheriff, Salt Lake County Sheriff's Office (1992-2006) Special Deputy Sheriff, Berks County (PA) Sheriff's Department (1997-Reserve Deputy Sheriff, Greene County (IN) Sheriff's Reserve (June 2008-2012) Staff Instructor in Pistol, Shotgun, and Rifle at the American Pistol Institute (Col. Jeff Cooper, Director) (1980-1982)

Senior Affiliate Instructor, Defense Training International (John S. Farnam,

Instructor, Executive Security International (Aspen, Colorado 1986-1988)

NJ Police Training Commission-Certified Firearms Instructor

Pennsylvania Municipal Police Officers Education & Training Commission -Certified Instructor (MPI # 1360, General Instruction, Special Instruction -Firearms, Application of Force)

NRA-Certified Police Firearms Instructor

NRA-Certified Security Firearms Instructor

NRA-Certified Law Enforcement Rifle Instructor

NRA-Certified Practical Firearms Instructor (Personal Protection)

NRA-Certified Pistol Instructor

NRA- Certified Rifle Instructor

NRA-Certified Shotgun Instructor

NRA-Certified Law Enforcement Submachine Gun Instructor

NRA-Certified Home Firearms Responsibility Instructor

NRA-Certified Police Tactical Firearms Instructor

NRA-Certified Chief Range Safety Officer

NRA-Certified Police Precision Rifle Instructor

H&K-Certified MP-5 User

H&K-Certified MP-5 Instructor

SIG Pistol Armorer

Glock Pistol Armorer

Glock Pistol Armorer Trainer

Mossberg Shotgun Armorer

Mossberg Shotgun Armorer Trainer. Developed and presented armorer training programs for O.F. Mossberg & Sons, Inc. for Models 500, 590 and 590DA shotguns, including consulting on revisions of Armorer's Manual and development of related training materials including student handouts, written and practical examinations, visual aids, etc. Trained other Armorer-Instructors for Mossberg.

Colt Rifle and Submachine Gun Armorer

NLETC-Certified Lindell Handgun Retention Systems Intermediate Trainer Glock Authorized Transitional Training Consultant. Designed and taught armorers and firearms instructor courses on a contract basis for Glock, Inc. from approximately 1987 through 1993, including development of instructor notebook and related materials, student handouts, written tests, qualification standards, visual aids, etc. (See below for specific course dates and locations.)

Justice System Training Assoc.-Certified Psycho-Motor Skill Design Instructor Certified Police Defensive Tactics Instructor

Firearms Instructor and Safety Officer, U.S. Treasury Department Pistol Club, New York, NY (1980-83)

"A" Class IPSC Pistol Competitor

Executive Protection Specialist License (State of Colorado)

Certified Agent, Pennsylvania Lethal Weapons Act (Act 235)

Certified ASP Baton Instructor

OCAT-Certified Pepper-Spray Instructor

Certified FATS Instructor Trainer

NTOA - Certified Less Lethal Impact Munitions Instructor

Taser Master Instructor

Light Rifle Expert (NRA Rating)

Smallbore Rifle Expert (NRA Rating)

General Rifle Expert (API Rating)

Pistol Expert (NRA and API Ratings)

Revolver Expert (NRA Rating)

Handgun Distinguished Expert (NRA Rating)

Shotgun Expert (NRA and API Ratings)

Submachine Gun Expert (NRA Rating)
Federal Firearms Licensee and Class III Licensee
Designer and copyright holder, IALEFI-Q, IALEFI-QP, IALEFI-QR and derivative targets (millions used by numerous law enforcement agencies, and academies nationwide; used worldwide by U.S. Marine Corps Security Detail – U.S. Embassy security; Wyoming Law Enforcement Academy target; Wisconsin DOJ training target; Commonwealth of Massachusetts Training Target, et al.)

Testified regarding firearms before the United States Senate Judiciary Committee (Subcommittee on the Constitution), United States House of Representatives Judiciary Committee (Subcommittee on Crime), New York City Council, New Jersey Assembly Committee on Law and Public Safety, Massachusetts General Assembly Committee on Law and Public Safety, and Florida Legislature Committee on Law and Public Safety, California DOJ

Selected by Citizen Ambassador Program as Delegation Leader for American Law Enforcement Firearms Instructors Exchange Program to China, planned for Spring 1988 (trip did not occur).

Consultant to Sturm, Ruger & Co. regarding law enforcement firearms and development of law enforcement firearms training programs. Presented several demonstrations and familiarization courses with Ruger service pistols at police academies and agencies in Canada, including RCMP Academy, Regina, Canada

Consultant to Springfield Armory regarding development of self-defense handguns for the civilian consumers.

Boy Scouts of America, Merit Badge Counselor for Rifle and Shotgun New York State IPSC Championships (1979): 5th place overall Second Chance Competition (Central Lake, Michigan 1983): Shot pump-action shotgun on 3-man team that place high nationally, winning rifles. National Tactical Invitational, Harrisburg, PA (1992): 7th place overall National Tactical Invitational, Harrisburg, PA (1993): 4th place overall IALEFI Stephen House Memorial Match, Reno, NV (1993): 6th place overall IALEFI Stephen House Memorial Match, Amarillo, TX (1994): 11th place o/a

Hundreds of hours accompanying police and security officers and/or participating in patrol and enforcement activities throughout the United States and several foreign countries, including routine patrol, traffic enforcement, armored transport, vehicular and foot pursuits, K-9 searches, response to crimes in progress, raids, response to shootings, arrests at gunpoint, response to threatened suicides, alarm response, road blocks and checkpoints, domestic disturbances, barricaded gunman, etc.

Qualified as expert witness by state courts in Connecticut, New York, New Jersey, Pennsylvania, Maryland, Tennessee, Georgia, Florida, Louisiana, Arizona, Wisconsin, Minnesota, Michigan, Ohio, Illinois, Iowa and California, and by federal courts in Connecticut, New York, New Jersey, Pennsylvania, Tennessee, Florida, Arkansas and Oregon; consulted and testified on subjects

> including firearms, firearms training, safety, use, functioning, operability, maintenance and design; inspection and testing of firearms; holster design and weapon retention; firearms accidents; involuntary muscular contraction and unintentional discharge of firearms; physiological and perceptual/psychological effects of gunfight stress ("adrenalin dump," "fight or flight syndrome" or "body alarm reaction") including tunnel vision, auditory exclusion, time distortion, tachypsychia, schema; distinguishing toy guns, airguns and other objects from firearms: firearms-related tactics and police procedures; covering of suspects at gunpoint; defensive tactics; use of force in correctional facilities; training psychomotor skills; gunfight statistics and conditions; written training and use materials, including warnings and user's manuals; ammunition and ballistics, including bullet trajectories, trajectories through glass; ricochets, bullet penetration and expansion, gunshot wound ballistics, ability of individuals to continue physical activity after being shot; behavior of projectiles upon striking steel and other surfaces, cartridge pressures, cartridge case ejection patterns, muzzle flash, and gunshot noise; reaction time and action vs. reaction; time for suspect to turn his body compared to time required for officer to fire shot ("suspects shot in back"); threat level assessment and justification for use of deadly and non-deadly force; furtive movements, police pursuits and use of force during police pursuits; tactics; arrest procedures; firearms history and development; firearms recoil; firearms toolmarks; non-powder guns; vision, threat assessment and shooting under reduced light conditions: performance of human eye when aiming and firing firearms; concealability of firearms; firing range design, safety and maintenance; paintball and other nonpowder guns; ammunition reloading and inspection; home storage of firearms; so-called "Saturday Night Specials," knife threats; use of "OC" (pepper spray); Taser; speed of firing shots; "21 Foot Rule" and time to cover distances; action vs. reaction, reconstruction of shooting scenes, video evidence, improvised impact weapons, etc. Clients and parties on behalf of whom cases have been undertaken have included the U.S. Department of Justice, Department of Energy, and Drug Enforcement Administration: Judge Advocate General Corps: Attorney General's Offices of Pennsylvania, Wyoming, South Dakota, and Louisiana; Atlantic County (NJ) Prosecutor's Office; Monroe County (PA) District Attorney's Office; Cumberland County (PA) and Centre County (PA) District Attorney's Offices; Kenosha County (WI) District Attorney's Office; State of Georgia (Atlanta Judicial District); Cities of Pittsburgh (PA), Newark (NJ), Bridgeport (CT), Egg Harbor City (NJ); Town of East Haven (CT); Chicago; New York; San Diego (City and County); Jacksonville; Nashville; Milwaukee; Public Defender's Offices of Monroe County, Clarion County and Lycoming County (PA); State's Attorney's Office in Devil's Lake (ND); State of Delaware Public Defender's Office; Delaware Department of Justice; Bianchi International; Safariland, Inc.; Glock, Inc., O. F. Mossberg & Sons, Para-Ordnance Mfg, Inc., SigArms, Inc.; Remington Arms; private attorneys representing defendants in criminal and administrative proceedings, and private attorneys representing plaintiffs and defendants in civil cases.

Advisory Board Member, Firearm Injury Research Project (national research project conducted through FICAP at University of Pennsylvania) 2001-2005 Member, Firearms Section (formerly Firearms Committee), American

Society of Law Enforcement Trainers (2000-2003)

Consultant to Pennsylvania Municipal Police Officers Education and Training Commission (pro bono) on development of new firearms and use of force curriculum for use at police academies throughout the state; revision of firearms and use of force curriculum in 2015 after 14 years of statewide use; development of use of force mandatory in-service training program (2015), including pilot program and instructor-training program. Consultant to Allentown Jewish Community Center on security issues

(pro bono, 1998-2000) Consultant to The Swain School, Allentown, PA, on school security issues (pro bono, 1999-2003)

Consultant to Faith Church, Trexlertown, PA on security issues (pro bono, 2017-) Para-Ordnance Armorer-Trainer and Instructor-Trainer. Under contract with Para-Ordnance Mfg. Co., developed and presented armorer and instructor training programs.

Kimber Pistol Armorer-Trainer and Instructor-Trainer. Under contract with the City of Tacoma, and as authorized by Kimber Mfg. Co., developed and presented law enforcement armorer and instructor training programs, including writing armorer notebook, instructor notebook, and related materials.

Hunter since age 10: varmints and small game (New Jersey, Pennsylvania, Indiana); deer (New York, New Hampshire, Pennsylvania, Alabama, Louisiana, Indiana); pheasant and partridge (Pennsylvania, New Jersey); ducks Louisiana); dove (Pennsylvania); woodcock (Connecticut); wild boar (NH, TX, OH). Handloader and reloader of ammunition, including bullet casting (1978 -)

Oregon Department of Public Safety Standards & Training – Certified Firearms Instructor (2002)

Commonwealth of Pennsylvania, Municipal Police Officers Education & Training Commission, subject matter expert - member of standing Firearms Committee developing guidelines, policy and standards on firearms issues; member of committee developing state-wide standards for police patrol rifle (2003 -)

Good Shepherd Hospital Charity Sporting Clays Tournament (2002, 2004, 2005) Consultant to City of Easton regarding Easton Police Department firearms training, policies and procedures, and Easton SWAT Team (2005).

Certified Benelli Shotgun Armorer (2006)

Chairman, Firearms Committee, Berks County Sheriff's Department. Chaired departmental committee hearings, making determinations with regard to intentional and accidental shootings.

Consultant to Lehigh County Municipal Emergency Response Team ("MERT") regarding use of force policies (2006-2007).

Consultant to California U. of Pennsylvania re. firearms and use of force policy U.S. Department of Justice: included on list of attorneys selected to provide emergency interim legal representation of federal agents involved in shootings (2000-).

Invited by Chinese government to travel to China to teach police firearms instructors (2010; declined invitation)

"Governor's Award," Indiana Police Firearms Training Association (2010) Recipient, 2012 IALEFI "Charlie Smith Award" ("In recognition of your tireless efforts and unwavering loyalty to the goals, ideals, and members of our

organization.")

Appointed to Advisory Board, Armed Citizens Legal Defense Network (2012) Consultant to PA MPOETC in revision of police academy curriculum (2014-15), and development of Mandatory In-Service "Use of Force" program taught to 25,000 police officers statewide, including teaching of pilot program and conducting instructor-training program.

FASTER-certified Intervention Specialist (Chris Cerino and Andrew Blubaugh, Instructors, Rittman, Ohio 2018)

Rangemaster-certified Firearms Instructor (Tom Givens, Instructor, Xenia, Ohio 2018)

Advanced Force Science Specialist, Force Science Institute (2018) (see below)

TRAINING COURSES ATTENDED:

API Basic Pistol Course (1979): Expert rating; finished second in class API Special Pistol Course (1980): Expert rating; finished first in class API Defensive Shotgun Course (1981): Expert rating; finished second in class. API Rifle Course (1983): Expert rating; finished third in class. American Small Arms Academy, Submachine gun tutorial, Chuck Taylor (1981) Police Marksman Association Police Officer Advanced Street Survival Seminar (Instructors Massad Ayoob, Ray Chapman, Jim Morell, et al., 1983): Certif. Defense Training International, Defensive Handgun/Defensive Submachine Gun (1983): Certificate

Red Cross First Aid Course (1984): Certificate

Red Cross CPR Course (1984): Certificate

Red Cross CPR Course (1991): Certificate

New Jersey Hunter Safety Courses (1966, 1967, 1968): Certificates

NRA Security Firearms Instructor School (FBI Academy, Quantico, VA 1984):

Pistol Expert, Revolver Expert, and Shotgun Expert: Certificates

Law Enforcement Training - Survival 3 Seminar (1984): Certificate

International Police Academy - Morell-Trained Instructors Seminar

(Instructors Jim Morell and John Desmedt, 1984): Certificates of Training in Principles of Control and in Advanced Instructor Training

BSR Counter-Terrorist Driving School (Summit Point Raceway, West Virginia,

BSR Counter-Terrorist Driving School (Summit Point Raceway, West Virginia, 1984): Certificate

International Police Academy - Defensive Tactics Instructor Level 1 (Sampson Technical College, Clinton, NC 1984): Certificate

FBI Firearms Instructors Course (Burlington County Police Academy, 1985): Certificate

International Police Academy - Master Instructors Seminar (Instructors Morell, Desmedt, et al., 1985): Certificate and Guest Instructor Award 1984 National Training Conference, International Association of Law Enforcement Firearms Instructors (Nashville, TN): Certificate

91st Annual Conference, International Association of Chiefs of Police (Salt Lake City, UT 1984)

LAPD Ordnance Exposition (Los Angeles 1984): Seminars on Handgun Survival; Firearms Evidence; Officer-Involved Shooting Incidents: Certificates ESI Advanced Executive Protection Program (Aspen, CO 1985): Certificate and State of Colorado Executive Protection Specialist License 1985 National Training Conference, International Association of Law Enforcement Firearms Instructors (Philadelphia, Police Academy): Certificate. Presented instructor-level class on close-range shooting techniques U.S. Marshal Service Automatic Weapons and Officer Survival Course (North Carolina 1985): Certificate

Tactical Response Association Ordnance Exposition (Las Vegas, 1986):
Attended seminars on Rapelling SAS Method, Shooting Simulation Response Course, Satanic Cults and Crimes, Terrorism Perspective 1986, and International Terrorism Symposium: Certificates

NRA Law Enforcement Rifle Instructor School (U.S. Marine Base, Quantico, VA 1986): Scored 99.33% on firing test: Certificate

1986 National Training Conference, International Association of Law Enforcement Firearms Instructors (Orlando, FL): Certificate. Presented instructor-level classes on Dim-Light Handgun Shooting; Police Shotgun International Police Academy - Straight Baton Class (Instructor Jim Morell, Allentown, PA 1986): Certificate

Department of Defense Tactical Team Training Seminar (ARDEC, 1986): Certificate

Calibre Press Street Survival Seminar (Atlantic City, NJ 1986): Certificate Tactical Response Association World Conference on Terrorism (Washington, D.C. 1987): Attended seminars on GSG 9 Tactics, Hostage Negotiation, and Making of SWAT Teams: Certificate

Glock Armorer's Course (Beltsville, MD 1987): Certificate

Ordnance Expo '87 (Chicago, IL): Attended seminars on Vicarious Liability for Law Enforcement/Psychological Screening of Officers; Indoor and Outdoor Range Design; Tactical Load-Bearing Vests for Special Operations; and Revolvers vs Semi-automatic Pistols

NLETC Lindell Handgun Retention System Course (1987): Intermediate Trainer Certification

1987 National Training Conference, International Association of Law Enforcement Firearms Instructors (Mesa, AZ): Certificate. Presented instructor-level classes on tactical use of cover.

NRA Law Enforcement Semi-Automatic Pistol Seminar (U.S. Marine Base, Quantico, VA 1987). Attended and served as Chief Instructor for this course.

NRA National Instructors Conference (Orlando, FL 1988): Attended sessions on NRA Personal Protection Course and on Modern Rifle Training Techniques Tactical Operations Seminar (Law Enforcement Defensive Systems. New Jersey 1988. Instructor Robert J. O'Brien): Certificate

AAI Corporation Law Enforcement Chemical Munitions Training Program (New Jersey 1988): Certificate

Factory Tours and Visits: Colt Firearms (Hartford, CT); Smith & Wesson (Springfield, MA); Mossberg (North Haven, CT); U.S. Repeating Arms Co. (New Haven, CT); Sturm Ruger & Co. (New Hampshire and Prescott, AZ); Winchester (East Alton, IL); Swartklip Munitions (South Africa); Glock Gesmbh. (Austria); AV Technologies (Michigan); Second Chance Body Armor (Michigan); Para-Ordnance (Toronto); Keystone Sporting Arms (Milton, PA); Kimber Mfg. Co. (New York); Mossberg/Maverick Arms (Eagle Pass, TX); Glock, Inc. (Smyrna, GA 1989,

2014 and subsequent); Gould & Goodrich Holsters (Lillington, NC) 2017. SHOT Shows and NRA Annual Shows: attended various years 1984-2016 et seq. Museums visited (arms and armor collections) include Winchester Gun Museum (New Haven, CT), Museum of the Confederacy (Richmond, VA), Arms and Armor Museum (Kutztown, PA), Metropolitan Museum Arms and Armor Collection (New York, NY), National Firearms Museum (Fairfax, VA), U.S. Marine Corps Museum (Quantico, VA 1987), West Point Museum (West Point, NY), Pennsylvania State Police Weapons Collection (Hershey, PA), U.S. Army Ordnance Museum (Aberdeen Proving Grounds, MD), Texas Rangers Museum (San Antonio, TX), and private tour of Division Balistique, Laboratoire de Police Scientifique at Police Headquarters, Paris, France (ballistics laboratory and weapons collection); National Museum of the Marine Corps (Quantico, VA 2008).

Visit to G.I.G.N. Headquarters to observe firearms training and facilities (French Gendarmerie Counter-terrorist and Hostage Rescue Team), Versailles, France (2008)

SIGARMS Law Enforcement Firearms Familiarization Course (October 1988): Certificate

1988 National Training Conference, International Association of Law Enforcement Firearms Instructors (St. Augustine, Florida): Certificate. Presented instructor-level class on dim-light assault rifle and shotgun techniques; moderated panel discussion on semi-auto pistol transition training. Second International Training Seminar, American Society of Law Enforcement Trainers (Kansas City, Missouri 1989): Certificate. Presented instructor-level classes on draw and close-range handgun techniques; attended classes on training female officers, straight baton techniques, maximization of revolver skills, and teaching psychomotor skills

Wound Ballistics Seminar (Instructors Dr. Martin L. Fackler, M.D., et al.) Phoenix, Arizona 1989): Certificate

1989 National Training Conference, International Association of Law Enforcement Firearms Instructors (Salt Lake City, Utah): Certificate. Presented instructor-level class on dim-light assault rifle/shotgun techniques NRA Law Enforcement Submachine Gun Instructor Development School

(Burlington County NJ Police Academy 1989): Certificate

H&K MP-5 Submachine Gun Course (Sterling, VA 1989): Certificate H&K MP-5 Instructor Course (Sterling, VA 1989): Certificate

SIG Pistol Armorer's School (Richmond, VA 1990): Certificate

1990 Annual Training Conference, International Association of Law Enforcement Firearms Instructors (Washington, D.C.): Certificate. Attended courses on range control, use of cover, and shotgun. Presented instructor-level classes on concealed carry handgun, auto-pistol transitional training, and dimlight handgun and shotgun; participated in panel discussion of police handgun caliber selection and effectiveness

IALEFI Regional Training Conference (Dutchess County, NY 1991): Presented classes on cover mode and involuntary discharge; advanced shotgun techniques. Attended classes on use of lethal force (Lt. James Garside) and advanced auto-pistol techniques (S&W Academy Staff)
1991 Annual Training Conference, Internat'l Association of Law Enforcement

Firearms Instructors (Mesa, AZ): Certificate. Attended courses on concealed carry, range training vs. real world, utilization of steel targets, Berkeley shooting incident, wound ballistics (Fackler), perception vs. reality in use of lethal force (Garside), and handgun inspection. Courses taught: see below Police Long Rifle Certification Course, International Association of Chiefs of Police (Ft. Dix, NJ 1991)

American Society of Law Enforcement Trainers Fifth International Training Seminar (Milwaukee 1992): Certificate. Attended courses on wound ballistics (Marshall), dealing with the hostile learner, principles of adult learning. Courses taught: see below

IALEFI Regional Training Conference (Dutchess County, NY 1992): Attended classes on bullet performance (Ayoob), semi-automatic police shotgun (Felter), and tactical handgun (Hackathorn): Certificate. Courses taught: see below IALEFI Regional Training Conference (Long Island, NY 1992): Attended

class on counter-sniper rifle: Certificate. Courses taught: see below

Ken Hackathorn Tactical Firearms Course (Pottsville, PA 1992) for handgun, shotgun, and submachine gun: Certificate

1992 IALEFI Annual Training Conference (Tampa, FL): Certificate. Attended courses on tactical handgun (Halleck/Odle); Close Quarters Firearms Control Tactics (Klugiewicz); Reaction vs. Precision Shooting (Rogers); Tactical Planning Principles/Cover Utilization (Casavant). Courses taught: see below Police Counter-Sniper Rifle Course, Instructor Group, U.S. Army Marksmanship Training Unit (Ft. Benning, GA 1992): Certificate

Real Life Personal Security Program (Dale Yeager, Instr. Pottstown, PA 1993) 1993 IALEFI Annual Training Conference (Reno, NV): Certificate. Attended courses on Tactical Handgun (Campbell), Planning for Critical Incidents (Cassavant), Gunfight Dynamics (Repass, et al.). Courses taught: see below IALEFI Regional Training Conference (Nassau County, NY 1993): Certificate. Attended classes on use of force continuum and perception (Garside); realistic knife defense. Courses taught: see below.

Aerosol Chemical Restraint User Class (Wernersville Police Department, 1993): Certificate

1994 IALEFI Annual Training Conference, Orlando, FL: Certificate. Attended courses on Dynamic Teaching Techniques (R. Lindsey); Defensive Tactics for Women (Sgt. Pam Miller). Coordinated safety for all training events. Courses taught: see below

Search & Rescue Tracking, Ashmore Enterprises (CT (1994): Certificate Management of Workplace Violence, ASIS, Reading, PA (1994).

CPR and Emergency Cardiac Care Provider course, American Heart Association, and Oxygen Therapy Emergency Response Training, SOS Technologies (OTI authorized) (1995, recert. 1996, 1999)

Colt Armorer Course (Ct. 1995): Certificate

LFI-1: Judicious Use of Deadly Force (Lethal Force Institute, Massad Ayoob, Instr. 1995): Certificate

1995 IALEFI ATC, Amarillo, TX: Certificate. Attended course on Law Enforcement Officers Flying Armed (FAA approved course: Certificate)

OCAT Oleoresin Capsicum Aerosol Instructor Training, Harrisburg Area Community College (1996): Certificate

Concealed Carry Handgun Course, Arizona Law Enforcement Firearms Instr.

Annual Training Conference, Mesa, AZ (1996): Mark Fricke, Instructor NRA Law Enforcement Tactical Firearms Instructor School, U.S. Marine Base, Quantico, VA (1996): Certificate

Urban Rifle Course, Thunder Ranch, TX (Clint Smith, Instr. 1996): Certificate 1996 IALEFI ATC, Mesa, AZ: Certificate. Attended courses on Weapon Defense (Klugiewicz); Officer Survival (FBI). Coordinated safety for all events. Courses taught: see below

Defensive Tactics/Personal Weapons Course, Paradigm Training (1997): Certificate

FATS Instructor-Trainer Certification Course (MPOETC, Harrisburg, PA 1997): Certificate

1997 IALEFI ATC, Columbia, Missouri: Certificate. Attended courses on Protective Detail Training (Wilt); Sharpening the Warrior's Edge (Bruce Siddle); Use of the Handgun In A Hostile Environment (Spaulding); and The Bulletproof Mind (Lt. Col. Dave Grossman). Coordinated safety for all events. Courses taught: see below

NTOA Tactical Technologies Expo (Philadelphia, 1998): Attended courses on Domestic Terrorism, Less Lethal Projectiles, and U.S. Military's Warfighting Laboratory Project. Certificate

Security for Overseas Travel. Vance International, Reading, PA, 1998 NTOA Less Lethal Impact Munitions Instructor Course, Bucks County Police Academy (1998): Certificate

Oleoresin Capsicum Aerosol User's Course, Paradigm Consulting Corp. (1998): Certificate

Monadnock Expandable/Straight Baton Advanced Course (Tim Lynch, Instr.) 1998: Certificate

1998 IALEFI ATC, West Palm Beach, FL: Certificate. Attended courses on Training Injuries and Deaths (Kat Kelly/Robert Bragg); Confined Space Weapons Engagement (Slowik); The Bulletproof Mind (Lt. Col. D. Grossman) Taser Master Instructor Course (Instructor Rick Smith. VA, 1999): Certificate IALEFI RTC, Philadelphia Police Academy, PA (1999): Certificate. Attended courses on Patrol Rifle Course Design; Practical Shotgun Skills; and Dim Light Training Techniques

Pennsylvania Hunter Safety Course (1999): Certificate

1999 IALEFI ATC, Phoenix, AZ: Certificate. Attended courses on Innovative Training on a Limited Budget; Mental Preparation for Armed Confrontations (Croty); Edged Weapons (Lynn Thompson); Instructor Development (Wilt); and Recreation of Officer-Involved Shootings (Westrick)

2000 ASLET International Training Seminar, Richmond, VA: Certificate. Attended courses on Patrol Rifle Training Programs; Building Search (contin.) Tactics; Use of Deadly Force; Maximizing Time & Budget in Firearms Training; Post-Shooting Procedures (Grassi); Backup & Contact/Cover Principles; Firearm Retention & Disarming (Demetriou); Advanced Firearms Instructor Training (FBI Training Cadre); Training Female Shooters; Protocol for Major Use of Force Investigations (Michael Stone, Esq.); Point Shooting (Lovette). Trained on use of force simulators (FATS, Caswell AIS, American Laser Technologies) IALEFI RTC, Philadelphia Police Academy (2000): attended courses on Response to Active Shooters in Schools (L. Glick); Dim-Light Shotgun

Skills (Boyle). Courses taught: see below

Gunshot Wounds Seminar, Reading, PA 2000. J. Holliman, M.D., Instructor 2000 IALEFI ATC, Tampa, FL: Certificate. Attended courses on Urban Rifle (Farnam), Ultimate Shotgun (Hoffner), Point Shooting (Chiodo and Lovette), and Bulletproof Mind (Grossman). Coordinated safety for all events. Courses taught: see below.

Patrol Response to Active Shooters in Schools and Public Buildings, NTOA (Exeter Twp. Police Dept., PA, April 2001, L. Glick, Instructor): Certificate.

NRA Police Precision Rifle Instructor Development School. The Crucible, Fredericksburg, VA (2001): certificate of successful completion

2001 IALEFI ATC, Reno, NV: Certificate. Attended courses on Gender-Based Learning Differences (V. Farnam), Simulation Training and Munitions (Klugiewicz). Assistant Safety Coordinator for all events. Courses taught: see below.

Glock Armorer Course (Recertification): Wind Gap, PA (2002): Certificate GAU/17 7.62mm NATO ("GE Mini-Gun") Training, Patrick Air Force Base, Melbourne, Florida (2002)

GAU/17 7.62 mm NATO Training, Crane Naval Surface Warfare Center, (Crane Air Force Base) Indiana (2002)

2002 IALEFI ATC, San Diego, CA: Certificate. Attended course on Dim-Light Survival Techniques (Ken Good, Instructor). Chief safety coordinator for all events. Course taught: see below.

2003 IALEFI ATC, Orlando,FL: Certificate. Attended courses on Advanced Tactical Rifle Techniques, Shoothouse Instructor Development, Rapid Response to Active Shooters, Vehicle Stop Response Tactics, Stress Analysis Shooting Situations, Mental Conditioning and Mindset (Capt. Joe Robinson), and Blackhawk Down Lecture (Col. Danny McKnight). Attended trade show and hands-on weapons demonstrations.

Price's American Kenpo Karate Center. Leesport, PA. Student in Kenpo Karate (2003-2004)

Threat Analysis Seminar, Reading, PA (2003): Certificate. Instructor Richard L. Ault, Ph.D., Academy Group, Inc., former SA, FBI Behavioral Science Unit Warrior Arts Seminar (Stick and Knife Fighting). Al McLuckie, Instructor. Leesport, PA (2004).

ATF Dim Light Firearms Training. Los Angeles Police Academy. (2004) Taser Master Instructor Recertif. Course. Fogelsville, PA (2004). Certificate 2004 IALEFI ATC, Dayton, Ohio. Certificate. Attended classes on Performance Under Stress (Ernest Langdon), Use of Laser Sighting Devices (Hackathorn), Pistol Skills (D. Carroll), and presentation on training principles (CSM Eric Haney). Assisted with Handgun Safety Check. Course taught: see below. Berks County Sheriff's Department, semi-annual training and qualification sessions with handgun, shotgun and/or patrol rifle (1997-2004)

Disaster Planning: Meridian Bank Fire. ASIS Lehigh Valley Chapter. (2005) SHOT Show (Las Vegas, 2005). Attended industry trade show.

2005 IALEFI ATC, Reno, Nevada. Certificate. Attended classes on Officer Involved Shooting (Marcus Young); Research on Firearms Ejection Patterns, Reaction Time, Perceptual Distortions Under Stress, and Other Physio-Psychological Gunfight Reactions (Dr. Wm. Lewinsky); The Winning Mind (Brian Willis); Innovative Low-Light Training; Finishing the Fight (Jeff Hall);

Use of Force Options & Policy (Jon Blum); Close-Range Point Shooting (Matt Tempkin); Application of Marksmanship; Training at the Speed of Life (Ken Murray). Course taught: see below.

Repetitive Strain Injuries (Somerset, NJ 2005)

Use of Force in Pennsylvania (Philadelphia 2006). 6 CLE credit hrs. Certificate SHOT Show (Las Vegas, 2006). Attended industry trade show.

2006 IALEFI ATC, West Palm Beach, FL. Certificate. Attended classes on Patrol Rifle, Survival Vision; Handgun Light Instructor, Cops on the 4th Generation Warfare Battleground (DuVernay); Concealed Carry; Managing Use of Force Training (Albert Lee); Mindsighting (Dr. Michael Asken).

Benelli Shotgun Armorer's Course (West Paterson (NJ) Police Department 2006) BATF Training Classes, "Characteristics of Armed Suspects," "Firearms Identification," and "ATF Firearms Trace Program." Alvernia College (2007) SHOT Show (Orlando, FL 2007). Attended industry trade show.

Mastering the Defensive Folding Knife. Northeastern Tactical Schools. Michael de Bethencourt, Instructor. (Hellertown, PA 2007) Certificate.

Firearm Retention, Disarming and Recovery. Northeastern Tactical Schools. Michael de Bethencourt, Instructor. (Hellertown, PA 2007) Certificate.

CDT Personal Protection Training. (Reading, PA 2007) Level 1 Certificate. 2007 IALEFI ATC, San Antonio, TX. Certificate. Attended classes on Tactical Anatomy (James Williams, MD), Patrol Rifle (D. Alwes), Close Quarters Handgun Techniques (H. Iverson), Hojutsu-Ryu (J. Hall), Handgun Light Instructor, Virtual Reality Training (Livefire Interactive), Legal Standard –

Objective Reasonableness (T. Harper, Esq.).

Seminar, "Police Involved Shootings – When the Smoke Clears." Westchester County Detectives Association (Yorktown Heights, NY 2007). Instructors Michael Baden, MD (Chief Forensic Pathologist, NYSP), Thomas Martin (Sr. Investigator, Forensic Ident.Unit, NYSP), ADA Michael Hughes (Public Integrity Bureau, Westchester DA's Office), Det. Michael Palladino, and Emanuel Kapelsohn (see below). Certificate

SHOT Show (Las Vegas, 2008). Attended industry trade show. Attended seminar on proper firearms retailing procedures to comply with legal and regulatory requirements, and seminar on advances in, testing and selection of OC aerosol devices.

2008 IALEFI ATC, Reno, NV. Certificate. Attended classes on Combat Mindset, Response to Active Shooters (rifle and handgun), One-Shot Qualifications, Treatment of Medical Emergencies for Firearms Instructors, Mental Preparation. Competed in Memorial Match. Classes taught-see below. Indiana Pre-Basic Law Enf. Officers Course. 2008. Successfully completed. Indiana Basic Firearms Course. Greene County Sheriff's Department (2008). Qualified with SIG P229 handgun (expert rating) and Remington 870 shotgun. Indiana Basic Defensive Tactics Course. Greene County Sheriff's Department (2008). Successfully completed.

Response to Active Shooters. Greene County, IN (2008). Presented by Crane Naval Surface Warfare Center. Successfully completed.

Shooting Scene Reconstruction Course, Eugene (OR) Police Department, 2008. Mike Haag, Instructor. Certificate

2009 Conference, International Law Enforcement Educators & Trainers Association ("ILEETA"), Chicago, IL. Attended courses: New Paradigms in

Firearms Training (Conti), Human Factors and Stress in Lethal Confrontations (Darrell Ross, Ph.D., et al.), Active Shooter Update (Alwes), Taser Training Overview/Update, Tracking Down Valid Firearms Training (G. Morrison, Ph.D.), plus trade show and handgun competition. Taught course on use of force policy (see below).

2009 IALEFI ATC, West Palm Beach, FL. Certificate. Attended industry trade show; shot in IALEFI Memorial Match. Attended lectures and classes: Von Maur Shooting; Firearms Training for Active Shooter Response; Law Enforcement Legal Liability; Tactical Response to Lethal Threats (Allen & G. Lee); Teaching Female Shooters; A Collaborative Approach (L. Hamblin, C. Schroeder, et al.); Teaching Female Shooters; Expert Witness Preparation for the Firearms Instructor; Benefits and Risks of Verbalization in Deadly Force Encounters (G. Klugiewicz). Course taught: see below.

Tactical Treatment of Gunshot Wounds. Anthony M. Barrera, M.D. (Lebanon, IN 2009. Certificate.)

Active Shooter Response. Greene County, IN (2009). Presented by personnel from Crane NSWC.

Force Science Certification Course. Milwaukee County Sheriff's Office, Milwaukee, WI. Force Science Institute. Dr. Bill Lewinski, Dr. Anthony Pinizzotto, Dr. Joan Vickers, Dr. Ed Geiselman, Dr. Alexis Artwohl, Dr. Richard Schmidt, Dr. Matthew Sztajnkrycer (2009. Certificate.)

2010 Conference, International Law Enforcement Educators & Trainers Association ("ILEETA"), Chicago, IL. Attended courses: Handgun Retention and Disarm Instructor (certificate); Characteristics of Exceptional Trainers; Critical Combative Concepts; Smart Use of Force; Heroic Cynicism – How to Live Life in the Arena (Van Brocklin); Stress in Law Enforcement (Artwohl); In Pursuit of Personal Excellence (Brian Willis); Warriors, Force and Winning (certificate). Attended law enforcement products trade show.

"The Bulletproof Mind," Lt. Col. Dave Grossman. Boone County Sheriff's Department (2010)

2010 IALEFI Annual Training Conference, San Antonio, TX. Attended law enforcement products trade show. Conducted Handgun Safety Check for 120 first-time attendees. Attended courses: Begged, Borrowed, Stolen; So You're Qualified – Now What?; Off-Duty Weapons (M. Boyle); Excited Delirium; Diagnosing Shooters (A. Stallman). Course taught: see below. Certificate. Indiana Hunter Education/Hunter Safety Course (2010). Passed, issued card. Police Defensive Tactics Refresher (2011). Greene County Sheriff's Department Emergency Vehicle Operations Course (2011). Greene County Sheriff's Dept. 2012 SHOT Show, Las Vegas, NV. Attended trade show, and courses on Low Light Equipment and Techniques (Instructor J. Meyer) and "Train the Trainer, Below 100," (Instructors Dale Stockton, et al.)

Terminal Ballistics and Field Trauma Care, Greene County Sheriff's Department (2012)

2012 ILEETA Conference, Chicago, IL. Attended courses: Law Enforcement/Media Relations; Taser Training & Updates; Range Emergencies; Advanced Firearms Training on a Limited Budget; Police Use of Force Training & Preparation (Chudwin); Deadly Force Training Performance & Officer Safety; Designing Stress-Exposure Training; Swarming, Flash Mobs & the OODA Loop; Verbal Defense & Influence ("Verbal Judo") (Klugiewicz);

Street-Level Counter-Terrorism; Use of Force Accountability (Brave); Positive Relations – Law Enforcement & Armed Citizens; Deadly Force Panel of Experts (panelist). Also attended industry trade show.

2012 IALEFI Annual Training Conference, Nashville, TN. Attended courses: Arrest and Control Tactics (Beckley); Simple Martial Art for Self-Defense (Albert Lee); Patrol Rifle Basics; Sports Physiology Approach to Firearms Training; Filling the Tank; Warriors & Leaders; Great American Gunfights. Instructed: Firearms Instructor as Expert Witness. Also, attended industry trade show and hands-on firearms demonstrations.

2013 IALEFI Annual Training Conference, Mobile, AL. Attended courses: Confined Space Engagement (Farren); Vision-Based Shooting (Stimmell). Also attended industry trade show. Courses taught: see below.

Glock Armorer's Course, Old Bridge, NJ (2013).

Knife Defense/Knife Fighting Seminar, Hank Hayes, Instructor. No Lie Blades. Allentown, PA (2013) (class audited only, due to injury)

2014 SHOT Show, Las Vegas, NV. Attended industry trade show.

2014 ILEETA Conference, Lombard, IL. Attended courses: Shots Fired, Suspect Down (John Bostain); Critical Combative Concepts (Charles Humes); Force Related Policies & Issues (Mike Brave); Critical Look at Firearms Qualifications (David McGaha); Police Use of Force Tactics and Law (Chudwin); Gunman in the Lobby, Officer Down (Joe Ferreira); Verbalization Skills (Klugiewicz); Path to Self-Discovery (Bob Lindsey); Street Officer Medical Tactics (Eric Dickinson); Embrace the Suck- Winning Strategies For Trainers (Brian Willis); "Heroes Behind the Badge"; Deadly Force Expert Panel (Ayoob, et al.); Choose Your Words Wisely (Joanne Ryan and Thomas McGreal); Coaching Mental Toughness (Quinn Cunningham); Sharpening the Winning Edge (Brian McKenna); Interactive Firearms Training (Lt. Dan Marcou). Course taught: See below.

2014 IALEFI Annual Training Conference, Amarillo, TX. Attended courses: Surviving the First Three Seconds (Tpr. Hensley); Extended Range Off-Duty Handgun Operation (Michael Johnson); Vision-Based Shooting (Jim Stimmell); Identifying the Limits of Firefight Performance; Threat Pattern Recognition Firearms Training System (Bruce Siddle, Human Factor Research Group) Classes Taught: see below.

NRA Personal Protection Outside the Home (2014): certificate 2015 SHOT Show, Las Vegas, NV. Attended industry trade show. Glock factory tour and armorer-trainer update. Smyrna, GA (2015) Winning Mind Seminar, Dave Smith, Instr. ,PA State Police Academy (2015) 2015 ILEETA Conference, Wheeling, IL. Attended courses: Deadly Force Panel of Experts (panelist, see below); Creating Training Miracles; Understanding Response Time in Law Enforcement; Emergency Preparedness for Law Enforcement Families; Ambush – Preparing Officers for the #1 Killer; Defensive Knife (Halleck); Down to Zero – Unintentional Discharges in Law Enforcement; Becoming Knights – Teaching Warrior Mindset; Mistake of Fact Shootings (Santos); Use of Force Report Writing; Active Shooter Panel Discussion (panelist, see below); Use of Force and Liability; Blended Learning; Lifesaving Made Easy; Think Like a Soldier, Act Like a Cop 2015 IALEFI Annual Training Conference, West Palm Beach, FL. Attended courses: Lecture on Leadership (Col. Danny McKnight); Current Issues for

Firearms Instructors (Alwes); Developing Courses of Fire (Marrs); Contaminated Combat (Liske, audited only); Reflex Sights (Martello); Close Ouarter Transitions (Jeff Prather).

Gun Law Seminar, U.S. Law Shield, Allentown, PA (2015)

Tavor Level 1 Armorer's Course, including 9mm Conversion and Right/Left Hand Conversion. Harrisburg Area Community College. Certificate (2015). FN15 Armorer Course, Berks County Prison, Leesport, PA (2015). Certificate. IALEFI Regional Training Conference, Freeport Police Range, Long Island, NY (2015). Certificate. Attended classes on Use of Force (Chief James Garside), Lateral Vascular Neck Restraint (Thomas Graham); and Master Pistol Instructor Skill Builder Class (Steve Gilcreast, Sig Sauer Academy).. Class taught: see below.

2016 ILEETA Conference, Rosemont, IL. Attended courses: Deadly Force Panel of Experts (panelist, see below); Active Shooter Panel Discussion; Use of Force Panel Discussion; How to Survive and Win In An Ambush (Shaykhet); Lights, Sights & Lasers (Wes Doss); Patrol Rifle (John Farnam); Responding to the Officer-Involved Shooting (Burke, IMPD); Human Factors in Training and Performance (John Bennett); Video Evidence (NV DPS); Guardians are Warriors (Mahoney); Body Searches (Cpl. Julie Johnson); Black Lives Matter (Ron Martinelli); Lessons From the Great Law Dogs in History (Lt. Dan Marcou).

Video Evidence Class, Force Science Institute, Chicago, IL (2016, Certificate) 2016 IALEFI Annual Training Conference, Mobile, AL. Attended Courses: Surviving the First Three Seconds (Tpr. Robert Robertson, NC Highway Patrol); Active Shooter Training in the Shoothouse (Alwes); Handgun Snatching (Albert Lee/Wilkie); ALERT Training - Civilian Response to Active Shooter Events (Instructor Certificate). Course taught: see below.

Hojutsu-Ryu Class, Phillipsburg NJ and Easton PA, taught by Soke Jeff Hall. Awarded brown belt (2016).

Colt .45/Model "O" (1911) Armorer Class, Colt's Manufacturing Company, Ohio Peace Officers Training Academy, London, Ohio (2016). Certificate 2017 SHOT Show, Las Vegas, NV. Attended industry trade show.

Improving Tactical Performance by Enhancing Vision, SHOT Show Law Enforcement Education Program, Dr. Alan Reichow (2017)

Rangemaster Tactical Conference, Little Rock, AR (2017). Attended classes: Between a Harsh Word and a Gun (OC, Chuck Haggard); Church Security (Moses); Police-Citizen Contacts (Weems); Gun Accidents (J. Farnam); Just Enough Jitsu (Cecil Burch); Defining the Threat (T. Givens); Law of Self-Defense (A. Branca); The Firearms Instructor as Expert Witness (Ayoob/Hayes); Street Encounter Skills (Murphy).

2017 ILEETA Conference, St. Louis, MO. Attended courses: Deadly Force Panel of Experts (panelist, see below); Patrol Rifle Panel (panelist, see below); Tactical Duty Knife (Fletch Fuller); Six Myths of Motor Learning & How This Affects Your Training (Robert Bragg); Proxemics-Based Curriculum Development (Marie D'Amico); Facilitated After-Action Reviews (Joseph Willis): Camera-Friendly Compliance & Control Techniques That Work (Hetrick): After Fprce" Experience Beyond the Incident (Patrick Shaver); Pre-Indicators of An Assault (Mark Sawa).

2017 IALEFI Annual Training Conference, West Palm Beach, FL. Attended

courses: The Pulse Nightclub Shooting; In-Extremis Advanced Tactical Handgun (Wes Dobbs); Police Shotgun (Mike Johnson); Officer Survival Mindset (Alex and Daniel Cobb); Bulletproof Mind (Lt. Col. Dave Grossman). Also attended industry trade show and hands-on product demonstrations. 2018 SHOT Show, Las Vegas, NV. Attended industry trade show, including Industry Day at the Range.

2018 ILEETA Annual Conference, St. Louis, MO. Attended trade show, and courses: Active Shooter Panel (panelist); Deadly Force Expert Panel (panelist); A Nearly Fatal Range Shooting (DuVernay); Recognizing & Responding to Mental Illness; Terminal Ballistics (Ed Santos); Threat Pattern Recognition (Joe Ferrera).

2018 IALEFI Annual Training Conference, Houston, TX. Attended trade show, and courses: Aurora, Colorado Theater Shooting; Basic Patrol Rifle Fundamentals (Pickering and French); Low Light Operations (J. Meyer); IADLEST National Certification Program; Reactive v. Precision Shooting (T. Fletcher); Officer Survival Mindset (Cobb); Dallas Sniper Incident & Mexican Drug Cartels (ATF).

FASTER Course, Rittman, OH. Chris Cerino & Andrew Blubaugh, Instrs. (2018) Rangemaster Firearms Instructor Development & Certification Course, Xenia, Ohio, Tom Givens, Chief Instructor (2018)

Force Science Advanced Specialist Course, Force Science Institute, April-August 2018. Course syllabus included required reading in three textbooks (on human movement, physical training and performance and reaction time; vision; and human error) and dozens of scholarly articles and research papers, lectures by several noted authors, doctors, scientists and professors; multiple oral and written presentations; teleconference and in-person classes; and formal written work, comprising in total several hundred hours of coursework at the graduate school level.

2019 SHOT Show, Las Vegas, NV. Attended industry trade show, including Industry Day at the Range.

2019 NRA Convention, Indianapolis, IN. Attended industry trade show. 2019 IALEFI Annual Training Conference, West Palm Beach, FL: Attended classes and presentations by Dr. William Lewinski ("Force Science Update"), Don Alwes ("Active Shooter Response For Firearms Instructors"); Don Smith ("Sniper Overwatch"); LouAnn Hamblin ("Active Shooter Handgun Training"). Also attended industry trade show, helped conduct Handgun Safety Check, and helped conduct Memorial Match. Class taught: see below.

PROFESSIONAL ASSOCIATIONS & MEMBERSHIPS:

American Bar Association (Member 1978-1997)
Association of the Bar of the City of New York (Member 1978-1998)
Pennsylvania Bar Association (Member 1994-2007, 2012-present)
Bar Association of Lehigh County (Member 1994-2007, 2012-present)
Pennsylvania Trial Lawyers Association (Member through 2004)
Association of Trial Lawyers of America (Member through 2004)

American Inns of Court (Member 2000-2007)

Barristers Inn, Allentown, PA (2012-present)

National Rifle Association (Endowment Member)

International Association of Chiefs of Police (Associate Member 1985-1992)

International Association of Law Enforcement Firearms Instructors (see above)

Police Marksman Association (Member, Nat'l Advisory Board 1987-2004)

American Society for Industrial Security (Member)

Tactical Response Association (former Charter Member)

Justice System Training Association (former Member)

American Society of Law Enforcement Trainers (former Charter Member)

Outdoor Writers Association of America (Member 1987-1990)

U.S. Practical Shooting Association (former Member)

U.S. Revolver Association (Member 1983-1989)

Pennsylvania Chiefs of Police Association (former Associate Member)

Pennsylvania Sheriff's Association (former Associate Member)

Appointed Senior Research Associate, Carnegie Mellon University Center for the Advancement of Applied Ethics (1994)

Appointed to Advisory Board, AWARE (1995)

Appointed as Fellow, Defensive Handgun Training Institute (1996)

Appointed to Pennsylvania Municipal Police Officers Education and Training Commission Committee to develop standards and curriculum for decision-making training simulator/judgmental use of force mandatory in-service training program (1997-98); Curriculum Development Committee for revision of Act 120 Police Academy curriculum used statewide; patrol rifle training standards (2004-); revision of Act 120 Police Academy lesson plans, training videos, and related materials used at all police academies in PA (2015); and development of Mandatory In-Service Training Program on "Use of Force" (2015 development for 2016 presentation statewide).

National Tactical Officers Association (former Member)

Associate Member, Fraternal Order of Police (Linton, Indiana Chapter 2008-12) Member, International Law Enforcement Educators and Trainers Association (2009 -)

Member, Advisory Board, Armed Citizens Legal Defense Network (2012 -) Member, Leadership Group, Safe Team, Faith Church, Trexlertown, PA (2017-)

SELECTED MEDIA REFERENCES AND ACKNOWLEDGMENTS:

EMANUEL KAPELSOHN interviewed, mentioned and pictured in <u>THE GUN DIGEST BOOK OF COMBAT HANDGUNNERY</u> by J. Lewis and J. Mitchell (Northfield, IL 1983). Quote from p. 117:"His research and personal experience in self-defense firearms training make [Kapelsohn] one of the most qualified people in the business."

EMANUEL KAPELSOHN interviewed on subject of firearms self-defense on ABC Television show "What's Up, America?" (1980 and re-run)

"Midland Park Hires Weapons Specialist," The Sunday News (Ridgewood,

NJ. March 1984)

- "Firearms Trainer to be Hired," <u>Suburban News</u> (Wayne NJ. March 21, 1984)
- "Midland Park Will Hire Firearms Pro for 9mm Courses," <u>The Northwest News</u> (Midland Park, NJ. March 22, 1984)
- "Gun Expert Rated High," The Sunday News (Ridgewood NJ. April 8, 1984)
- "Crime Rise Has Women Taking Up Arms," <u>The Times</u> (Trenton NJ. March 10, 1985)
- "Union Launches Training Program to Upgrade Skills for Police," <u>The Star-Ledger</u> (Newark, NJ. November 20, 1985)
- Guest Instructor Appreciation Award, International Police Academy Master Instructor Seminar (1985)
- "Gun Law Won't Stop Terrorists," <u>The Times</u> (Trenton, NJ. May 20, 1986) "Expert Hits Police Training," <u>The Lawrence Ledger</u> (Lawrenceville, NJ. October 24, 1986)
- "Lawrence Resident's Love of Firearms Becomes Career," <u>The Star-Ledger</u> (Newark, NJ. December 12, 1986)
- "Committee Takes Aim at Detector-Proof Guns," <u>The Star-Ledger</u> (Newark, NJ. December 12, 1986)
- "Gun Lobbyists Oppose Passage of Bill to Ban Non-Metal Guns," <u>The Times</u> (Trenton, NJ. December 12, 1986)
- "Plastic Gun Bill Demolished by Expert's Testimony," NRA Monitor (Washington, D.C. Vol. 14, No. 1 January 15, 1987)
- "Detection Systems, Not Guns Should Be Focus of Legislation, Says Firearms Expert," NRA Monitor (Washington, D.C. Vol. 14, No. 3 February 15, 1987)
- "Using Training Consultants" by Bill Clede, <u>Law and Order</u> (March 1987)
- "Taking Humanistic Approach to Firearms," <u>Newsday</u> (New York, NY. July 20, 1987)
- "New Yorkers Learn to Protect Themselves at Gun School," <u>The New York</u> <u>Times</u> (New York, NY. July 20, 1987)
- "Citizens Learn to Shoot in Face of Crime," <u>The Sun</u> (Melbourne, Australia. August 1, 1987)
- "New York's Itchy Trigger Finger," The Advertiser (South Australia.

July 31, 1987)

"Bill Banning Plastic Guns Debated," (Associated Press AAA wire release under this or similar title, July 28, 1988, describing Emanuel Kapelsohn's Senate Judiciary Committee subcommittee testimony, printed on July 29 in hundreds of U.S. newspapers, including the following:

Alexandria, LA <u>Daily Town Talk</u>

New Haven, CT Register (continued, next page)

Dayton, OH News/Journal Herald

Wilmington, NC Star

Cheyenne, WY Eagle

Delaware, OH Gazette

August, GA Herald

Bennington, VT Banner

Johnstown, PA <u>Tribune-Democrat</u>

Erie, PA News

Lynchburg, VA News and Daily Advance

Bluefield, WV Telegraph

Mattoon, IL Journal-Gazette

Casper, WY Morning Star Tribune

Belleville, IL News-Democrat

Newark, OH Advocate

Anchorage, AK News

Kenton, OH Times

Canton, OH Repositor

Waterbury, CT American

East Liverpool, OH Review

FT. Walton Beach, FL Playground News

Vero Beach, FL Press-Journal

Modesto, CA Bee

Vallejo, CA Times-Herald

Newport News, VA Times-Herald

Marysville, OH Journal-Tribune

Paducah, KY Sun

Toms River, NJ Observer

Springfield, OH News-Sun

Logan, OH News

Piqua, OH Call

Lawton, OK Press

San Diego, CA Union

[&]quot;Witness Upstages Metzenbaum at Hearings," <u>Gun Week</u> (Buffalo, New York. August 14, 1987)

[&]quot;Neal Knox Report: Gun Bills Moving," <u>Shotgun News</u> (Hastings, NE. September 1, 1987)

[&]quot;Kapelsohn Gets September Gun Rights Defender Award," Point Blank

(Bellevue, WA September 1987)

"Firearms Expert Wins Person of the Month," <u>NRAction</u> (Washington, D.C. September 1987)

<u>Selecting the Police Pistol</u> by Doug Wicklund, <u>The American Rifleman</u> (December 1987)

Mesa, Arizona: The IALEFI Convention by Tony Lesce, Arizona Police Officer (Phoenix, AZ Winter 1988)

<u>International Association of Law Enforcement Firearms Instructors Seventh</u>
<u>Annual National Training Conference</u> by Chris Pollack, <u>Special Weapons and Tactics</u> (March 1988)

Modern Techniques of Defensive Pistolcraft: An Exceptional Handgun Course Taught by John Farnam and Emanuel Kapelsohn by Barrie Bergman, Practical Shooting International (Emmetsburg, IA. March 1988)

"Hughes Goes Private With Hearing Witness," <u>Gun Week</u> (Buffalo, NY. January 8, 1988)

"'Plastic Gun' Ban Brewing," NRAction (Washington, D.C. January 1988)

<u>Gaping Holes in Airport Security</u> by Peter Cary, <u>U.S. News & World Report</u> (April 1988). Quote from page 28:

"Emanuel Kapelsohn, a police weapons expert, astonished a congressional subcommittee by demonstrating how guns could be smuggled through certain metal detectors . . ."

<u>Police Defensive Handgun Use and Encounter Tactics</u> by Brian A. Felter (Prentice-Hall, Inc. Englewood Cliffs, NJ 1988). Quote from p. 6:

"In defensive firearms training today, the information and defensive instructors exist -- five of the most talented being Massad Ayoob, Ray Chapman, John Farnam, Emanuel Kapelsohn, and Chuck Taylor -- and from a resource pool of defensive information that the law enforcement community must make use of."

"U.S. Firearms Consultant Due Next Week," <u>Trinidad Guardian</u> (Port of Spain, Trinidad. July 16, 1988)

Shooting Schools: A Second Look by James L. Winter (Albany, New York 1985). Quote from page 92: "API's staff includes such nationally famous personalities as . . . writer Manny Kapelsohn."

An Overview of the Police Marksman National Advisory Board by Brian McKenna. The Police Marksman (September/October 1988). Professional

biography of Emanuel Kapelsohn

"Semiautomatics or 6-shooters?" by Ken Valenti. <u>Gannett Westchester</u> Newspapers. (Westchester County, N.Y. January 15, 1989)

"Gun Control Opponents Lock Horns With Graves" by Donna Leusner (<u>The Star Ledger</u>, February 7, 1989)

Interviewed on "Geraldo" (Geraldo Rivera Show) NBC television, March 6, 1989, on subject of gun availability and gun control.

<u>Seek Out the Expert</u> by Joseph J. Truncale, Ph.D., <u>The ASLET Journal</u> (January/February 1989). Quote from p. 12:

"If you wish to know more about guns and shooting, talk to those who are recognized experts in this area. Massad Ayoob, Ray Chapman, John Farnam, Emanuel Kapelsohn, Dennis Tueller, along with many others, can guide you to schools and programs which are well known for their professionalism."

Glock by Sgt. Paul Palank. <u>Blue Line Police Magazine</u> (March/April 1989). Quote from p. 24:

"The success that we in Miami have had with the Glock pistol is due not only to the advanced design of the weapon, but the "state of the art" instruction provided by Glock Incorporated in the forms of Emanuel Kapelsohn (Peregrine Corporation) and Peter Tarley (Rockwell Corporation). The training provided by these gentlemen to the transitional training instructors superbly mated the Glock's ingenious technology with their equally progressive training program."

Glock Continues To Be An Innovator by E.B. Hulsey, Police Marksman (March/April 1990). Quote from p. 58:

"The instructor . . . was Emanuel Kapelsohn, who made the class a very interesting learning experience. Mr. Kapelsohn is an example of the quality instructors which Glock has retained to teach these courses."

Glock Pistol: Perspective From The Field by Massad Ayoob. Guns (September 1990). Quote from p. 77:

"The best money you can spend on your Glock is for training. The firm retains Manny Kapelsohn, Peter Tarley, and Cathy and Jerry Lane for their police transition and armorer's instruction programs . . . These are among the finest combat handgun trainers in America; Glock chose them well. I . . . believe that the superb training of these four master instructors has been more responsible for the Glock's success in the field and in sales than most people realize."

Emanuel Kapelsohn and Peregrine Corporation cited, quoted and acknowledged in "Semi-Automatic Pistol Manual Safety Restrictions," U.S. Border (continued) Patrol Academy, Glynco, GA, presented at U.S. Marshal's Service Semi-Automatic - Revolver Handgun Symposium, Feb. 21-22, 1990. (Emanuel Kapelsohn described as an "expert trainer" on p. 16.)

"Fearing Drug Wars, Suburban Police Swap 6-Shooters for Semiautomatics" by B.J. Phillips. Philadelphia Inquirer (September 9, 1990)

Interviewed in "Entrevistas" column of <u>Magnum</u>. May-June 1991 (Caracas, Venezuela)

Peregrine Corporation training materials cited in published lesson plans of Federal Law Enforcement Training Center (Glynco, GA) on semi-automatic pistol training, clearing of pistol malfunctions, etc.

Emanuel Kapelsohn mentioned and quoted in study by Federal Law Enforcement Training Center on instructor: student ratios for firearms training (V. Atkins. Glynco, GA 1991)

Emanuel Kapelsohn and Peregrine cited as offering 'a strong major in "how" and a strong minor in "when" [to shoot] in "Deadly Force - When Is It Justified?" by Massad Ayoob, Guns & Ammo's <u>Handguns for Home Defense</u>, Vol. 9, No. 5 (1991)

"The Police Marksman Advisory Board" by Guy A. Rossi, <u>Police Marksman</u> (Jan./Feb. 1992). "Innovator, tactician, expert . . . [Emanuel Kapelsohn is] considered one of the country's leading authorities on semi-automatic, long gun and submachine gun training . . ."

"IALEFI'S ATC" by Chris Pollack, SWAT (May 1993)

Appreciation Award, Calgary Police Service Tactical Unit (1993)

Appreciation Award, International Association of Law Enforcement Firearms Instructors ("for your dedication, time and personal effort towards the development of the Firearms Training Standards") (1993)

"Newsclippings," The Firearms Instructor, Issue 13 (1994)

"Shotgun Key In Acquittal of Garron," Atlantic City Press, Nov. 13, 1994. Quote:

"They found the weapon's safety device could disengage if it was merely brushed -- just as Emanuel Kapelsohn, the defense firearms expert, had testified, the jurors said."

Glock, The New Wave in Combat Handguns by Peter Kasler (Boulder, CO 1992), page 296

- Acknowledged in <u>Stealth</u> (1989) and <u>Extreme Prejudice</u> (1991) by Guy Durham (Putnam, New York)
- Acknowledged in <u>The Street Smart Gun Book</u> by John Farnam (Police Bookshelf, 1986)
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- Acknowledged in <u>The Farnam Method of Defensive Handgunning</u> by John S. Farnam (Seattle 1994): "These are the ones who have advanced the art and prepared it to be passed to the next generation: Manny Kapelsohn . . ."
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<u>IALEFI APPROVES ITS FIRST TARGET - THE IALEFI-Q</u> by Emanuel Kapelsohn, The Firearms Instructor, Vol. 17 (1995)

WHAT'S IN A TARGET? INTRODUCING THE IALEFI-Q by Emanuel Kapelsohn, Police Marksman (May/June 1996)

P95: INTRODUCING RUGER'S FIRST POLYMER-FRAME SERVICE PISTOL by Emanuel Kapelsohn, Police Marksman (July/August 1996)

<u>P239: SIG'S NEW COMPACT 9mm PISTOL</u> by Emanuel Kapelsohn, <u>Police Marksman</u> (July/August 1996)

RAPID ACQUISITION TARGETING SYSTEMS LASER SIGHT by Emanuel Kapelsohn, Police Marksman (July/August 1997)

"IALEFI Handgun Safety Check" videotape, written by and featuring E. Kapelsohn, produced by North Carolina Justice Academy (IALEFI 1997) <u>IALEFI HANDGUN SAFETY CHECK</u> booklet, Emanuel Kapelsohn, principal author (IALEFI 1998)

<u>FIELD TEST: SPEER GOLD DOT 125-GRAIN .38 SPECIAL AMMUNITION</u> by Emanuel Kapelsohn, Police Marksman (March/April 1998)

<u>THE PATROLLER POLICE VEHICLE</u> by Emanuel Kapelsohn, Law & Order (March 1998)

FBI INSTITUTES NEW CONTROLS FOR SCENARIO TRAINING by Emanuel Kapelsohn, The Firearms Instructor, Issue 26 (1999)

SAFETY TIP by Emanuel Kapelsohn, The Firearms Instructor, Issue 26 (1999)

FOR GUN SAFETY, STICK TO FOUR RULES, BUT WATCH OUT FOR THE FOUR MYTHS by Emanuel Kapelsohn, Allentown Morning Call, (October 22, 1999)

Handgun Shooting Fundamentals section, Basic Police Academy curriculum lesson plan, Pennsylvania Municipal Police Officers Education and Training Commission. Emanuel Kapelsohn, author (2000)

<u>THE FIREARMS INSTRUCTOR'S RANGE BAG</u> by Emanuel Kapelsohn, The Firearms Instructor, Issue 29 (2000)

FIELD TEST: SIGARMS SSG3000 TACTICAL PRECISION RIFLE by Emanuel Kapelsohn, Police Marksman (July/August 2000)

<u>IALEFI Q-TARGET UPDATE</u> by Emanuel Kapelsohn, <u>The Firearms Instructor</u>, Issue 30 (2001)

PARA-ORDNANCE LDA PISTOL ARMORERS MANUAL (2001 and rev.)

PARA-ORDNANCE LDA FIREARMS INSTRUCTOR NOTEBOOK (2001)

KIMBER PISTOL ARMORER'S NOTES (2001)

KIMBER PISTOL INSTRUCTOR WORKSHOP NOTEBOOK (2001)

<u>GUIDELINES FOR SIMULATION AND "FORCE ON FORCE" TRAINING</u> (Draft, IALEFI, Gilford, NH 2001). Emanuel Kapelsohn, principal author.

AVOIDING TRAINING DEATHS: SAFETY CONSIDERATIONS IN ROLE PLAYING EXERCISES by Emanuel Kapelsohn, The Firearms Instructor, Issue 31 (2002)

<u>REDMAN PROVIDES SIMULATION TRAINING POSTER</u> by Emanuel Kapelsohn, The Firearms Instructor, Issue 32 (2003)

Contributor to RedMan Firearms Simulation Safety Poster (2003)

Bobcat Weapons <u>BW-5 Operator's Manual</u>. Emanuel Kapelsohn, author. (2004)

<u>FIREARMS TRAINING STANDARDS FOR LAW ENFORCEMENT</u>
<u>PERSONNEL</u> (IALEFI, Gilford, NH 2004 Rev.). E. Kapelsohn, principal author

<u>IALEFI GUIDELINES FOR SIMULATION TRAINING SAFETY</u>. E. Kapelsohn, principal author. (IALEFI, Gilford, NH 2004)

"More First Hand Information," by Emanuel Kapelsohn. <u>The Gun Zone</u>. http://www.thegunzone.com/ayoob/magliato-kapelsohn.html

<u>COURSES OF FIRE – PENNSYLVANIA BASIC HANDGUN</u>
<u>QUALIFICATION COURSE</u> by Emanuel Kapelsohn, <u>The Firearms Instructor</u>, Issue 42 (2007). Also reprinted in excerpted form in Pennsylvania MPOETC Training Bulletin, Fall 2007.

QUALIFICATION COURSES OF FIRE: PENNSYLVANIA'S ADVERSE LIGHT QUALIFICATION COURSE by Emanuel Kapelsohn, The Firearms Instructor, Issue 44 (2008).

<u>GETTING AND STOCKING A "GO BAG"</u> by Emanuel Kapelsohn, <u>The</u> Firearms Instructor, Issue 53 (2012).

"Banning Assault Weapons Won't Make Nation's Schools Safer" by E. Kapelsohn, Allentown Morning Call, Op-Ed, January 6, 2013

"No Prepping," Letter to the Editor, HANDGUNS Magazine, April/May 2014. "Former Milwaukee Police Officer Won't Be Charged," www.NYTimes.com, Monica Davey, December 22, 2014. Emanuel Kapelsohn cited as "a leading expert on use-of-force reviews."

"The Glock Model 43: New 9mm Micro-Pistol," by Emanuel Kapelsohn. Law and Order magazine, August 2015.

"There Are No Safe Guns," by Emanuel Kapelsohn. <u>The Firearms Instructor</u>, Issue 58 (2016)

"Pennsylvania State Police Firearms Instructor Criminally Charged in Training Death of Trooper," by Emanuel Kapelsohn. <u>The Firearms Instructor</u>, Issue 58 (2016)

"Baltimore Police Firearms Instructor Convicted of Reckless Endangerment in Accidental Shooting During Simunitions Training," by Emanuel Kapelsohn. Anticipated publication date: <u>The Firearms Instructor</u>, Issue 59 (2017)

"Civilian Response To Active Shooter Events," by Emanuel Kapelsohn, Network

Magazine, January 2017

"For the Record" (letter to the Editor concerning the Yanez shooting incident and trial. Concealed Carry Magazine, August/September 2017. Vol. 14, Issue 6.

"Ugly racism: Full acquittal in fatal Pittston Shooting," Patrick Kernan, <u>Times</u> Leader, October 5, 2018.

"CMPD Shooting is legally justified, some experts say, but raises 'serious questions,' "by Ames Alexander, <u>Charlotte Observer</u>, April 15-16, 2019.

"For Years, CMPD has pledged improved training. It hasn't been enough," by Fred Clasen-Kelly, James Webster, Ames Alexander, and Danielle Chemtob, Charlotte Observer, April 16, 2019.

SELECTED LIST OF AGENCIES TRAINED AND COURSES TAUGHT:

Basic Pistol and Special Pistol courses, American Pistol Institute (Paulden, AZ 1980-1982): staff instructor.

Firearms Safety, Basic Handgun and Defensive Handgun courses, U.S. Treasury Department Pistol Club, New York, NY (1980-1983).

Defensive Handgun Training, The Spiesman Agency, New York, NY (1980-83): provided handgun training for detective agency.

Defensive Handgun Training and Qualification, Danbee Investigations (New Jersey 1983): provided handgun training for detective agency personnel.

Officer Survival Instructor Course. Massachusetts Criminal Justice Training Council. (1984): taught the firearms portion of this instructor-level course. Close-Range Handgun Techniques: Sampson Technical College, Clinton, NC (1984). Taught this defensive handgun class.

Borough of Midland Park Police Department (NJ 1985): conducted semiautomatic pistol transitional training for this department.

Union County (New Jersey) Prosecutor's's Office (Senior Firearms Instructor Course. 1985): co-instructed three separate week-long courses for firearms instructors from every police department in Union County under contract with Rockwood Corporation, Police Training Division.

International Police Academy - Master Instructors Seminar (Morell, Desmedt, et al.): guest instructor (Toms River, NJ 1986)

Connecticut State Police Academy. (Senior Firearms Instructor Course. Meriden, CT, 1986 and 1988): guest instructor under contract with Rockwood Corporation, Police Training Division.

NRA Law Enforcement Firearms Instructor School (U.S. Marine Base, Quantico, VA 1986): instructor.

Hilltown Township Police Department (PA 1986): conducted semi-automatic pistol transitional training for this department.

Glock Familiarization Course, Middlesex County, NJ 1987: taught a one-day familiarization course for police firearms instructors from multiple agencies.

1987 Glock International Training Symposium. (Kansas City, Kansas): headed a team of four instructors in conducting this training conference for some 70 participants.

Police Counter-Sniper Rifle Course. (Fort Dix, New Jersey 1987): co-instructed this course for police and military counter-snipers.

Borough of Ramsey Police Department (NJ 1987): conducted semi-automatic pistol transitional training program for this department.

International Association of Law Enforcement Firearms Instructors (IALEFI), National Training Conferences (see above): conducted instructor-level programs on Drawing the Handgun and Close-Range Shooting Techniques (Philadelphia 1985); Dim Light Shooting Techniques, and Combat Shotgun Characteristics (Orlando, FL 1986); Tactical Use of Cover (Mesa, Arizona 1987); Dim-Light Assault Rifle and Shotgun Techniques, and Semi-Automatic Pistol Transitional Training (St. Augustine, FL 1988); Dim-Light Shotgun and Rifle Techniques (Salt Lake City 1989); Concealed Carry Handgun, Auto-Pistol Transitional Training, Dim-Light Handgun and Shotgun, and Police Handgun Caliber Selection and Effectiveness (panel) (Washington, D.C. 1990); Firearms Safety; Involuntary Muscular Contraction and Unintentional Discharge (co-instructed with Dr. Roger Enoka) (Mesa, AZ 1991); Developing Dynamic Training Exercises for the Patrol Officer (co-instructed with Peter Tarley) (Tampa, FL 1992); Development of Dynamic Training Exercises for Patrol Officers (co-instructed with Peter Tarley) (Reno, NV 1993); Dynamics of a Gunfight (Orlando, FL 1994); Training Handgun Skills (Amarillo, TX '95).

Basic and Advanced Defensive Handgun Courses (1982-1993): co-instructed (with John Farnam) courses in locations including Fort Mead (MD), Norristown (PA), Ledgewood (NJ), Berkeley Township (NJ), Princeton Junction (NJ), Pipersville (PA), Dutchess County (NY), New York City (NY), Salt Lake City (UT), Bradford (RI), Elroy (WI), East Stroudsburg (PA), and Atlantic City (NJ).

New Jersey Armored Motor Carriers Association (1987): guest speaker on

subject of firearms training for the armored car industry.

Defensive Shotgun Course (East Stroudsburg, PA 1987).

Armored Motor Service Corp. (Trenton, NJ 1985-88): conducted handgun training and qualification.

Princeton Armored Service (Trenton, NJ 1986-1990): conducted handgun training and qualification.

Eastern Armored Service (Trenton, NJ 1991-1997): conducted handgun training and qualification.

Berkleigh Career School (East Brunswick, NJ 1988-1989): conducted firearms training program for security officer trainees.

NRA Law Enforcement Semi-Automatic Pistol Seminars. Helped to design, and served as chief instructor for these courses taught at U.S. Marine Base, Quantico, VA (1987); Florida Law Enforcement Training Center at Lively (1988); Oklahoma City Police Academy (1988); Port Huron, Michigan (1988); and Alamo Area Law Enforcement Academy, San Antonio, TX (1988).

Miami (FL) Police Department (Firearms Instructor Course, 1987): trained MPD firearms instructors as part of this agency's transition from revolver to semi-automatic.

New Jersey Department of Environmental Protection, Bureau of Law Enforcement (Firearms Instructor Workshop, 1987): trained NJDEP instructors for this agency's transition from revolver to semi-automatic.

National Armored Car Association (Annual Meeting. New York, NY 1987): guest speaker on subject of current trends in firearms training and training-related liability.

Atlantic City Police Academy. (Police Handgun Instructor Workshop, 1987. Police Shotgun Instructor Workshop, 1987. Police Special Weapons Course, 1987. Glock 17 Familiarization Course, 1987).

New Jersey Correctional Officers Training Academy, Training Advisory Council (1988): guest speaker on progressive firearms training and training liability.

Jacksonville (FL) Police Department (Firearms Instructor Course, 1988): conducted handgun and shotgun instructor course.

Tennessee Bureau of Investigation (Firearms Instructor Course, 1988): trained TBI firearms instructors in preparation for agency's transition from revolver to semi-automatic.

Metropolitan Toronto Police (Auto-pistol Workshop. Toronto, Canada 1988):

conducted transitional pistol training for members of this agency's police academy, Emergency Task Force, and dignitary protection unit.

NRA Annual Meeting (Orlando, FL 1988): guest speaker before the Legislative Affairs Committee and the opening session of the General Meeting.

Burlington County (NJ) Police Academy (Semi-Automatic Pistol Instructor Workshops, 1985-1987; Shotgun Instructor Workshop, 1987; Officer Survival Course, 1988; Firearms Instructor Update, 1991).

Atlantic City Police Department (Firearms Instructor Course, 1988): trained ACPD instructors to conduct agency's transition from revolvers to pistols.

Professional Conference, "Law and Management in the Security Industry." University of the West Indies, St. Augustine, Trinidad. July 1988. Featured guest lecturer on topic "Current Trends in Firearms Training."

New Jersey Department of Corrections (1988): conducted semi-automatic pistol survey course as part of this agency's process of selecting a service pistol.

Takoma Park Police Department (Maryland, 1988): conducted instructor-level transitional training course.

Police Counter-Sniper Rifle Course (Glastonbury, Connecticut. 1988): co-instructed this course for police counter-snipers.

SWAT Team Training Course. (Cape May County Police Academy, 1988): conducted tactical team training in handgun, shotgun, assault rifle, and submachine gun.

Lecture presentation: "Police Use of Lethal Force: Legal and Tactical Considerations." Emanuel Kapelsohn and Sgt. Evan Marshall. (Mt. Laurel, New Jersey. 1988).

Jacksonville (Florida) Police Department (Firearms Instructor Workshop, 1988): conducted transitional training instructor course preliminary to this agency's switch to semi-automatic pistols.

Conducted Glock Armorer Courses in Atlantic City, Boston, Sacramento, San Francisco, San Diego, Carson City (Nevada), Washington, Chicago, Trenton, New York City, Philadelphia, Indianapolis, Baltimore, Spokane, Atlanta, Greensboro, Carlisle (PA), Phoenix, Oklahoma City, Seattle, San Antonio, Jersey City, St. Thomas, Barbados, Billings (MT), Springfield (MO), Wenatchee (WA), Jersey City (NJ), Bergen County (NJ) Police Academy, Wyandotte (MI), Essex County (NJ) Police Academy, Overland (MO), Irvington (NJ) Police Department, San Antonio (TX), Miami (FL), South Carolina Justice Academy, North Carolina Justice Academy, St. Petersburg (FL), Jacksonville (FL), Toronto, Barbados, Chapin (SC), Smyrna (GA), Louisiana State Police Academy, and other locations (1987-1993).

Conducted Glock Firearms Instructor Workshops for/at Fulton County Sheriff's Office (NY), Yellowstone County Sheriff's Office (MT), Middlesex County (NJ) Police Academy, Bergen County (NJ) Police Academy, El Cajon (CA) Police Department, Barbados Police Service, St. Petersburg (FL) Police Department, North Platte (NE) Police Department, Overland (MO), Chapin (SC), Essex County (NJ) (Police Academy, Springfield (MO) Police Department, Wenatchee (WA), Spokane (WA) Police Academy, Snohomish County (WA) Sheriff's Office, Louisiana State Police Academy, Jersey City (NJ) Police Department, Smyrna (GA), and others (1987-1993).

Conducted Glock Armorer Classes and Glock Firearms Instructor Workshops at Glock facility in Smyrna, Georgia, 1988-1993 (multiple classes).

Massachusetts Metropolitan Police (Boston, Massachusetts. 1988): trained firearms instructors to conduct this agency's transition to semi-auto pistols.

Sacramento Municipal Utilities District (California, 1988): trained nuclear security firearms instructors for Rancho Seco nuclear power facility.

American Society of Law Enforcement Trainers, Second Annual International Training Seminar (Kansas City, Missouri. 1989): conducted instructor-level workshop on concealed handgun draw techniques and close-range defensive tactics.

Metropolitan Police (Washington, D.C., 1989): conducted two programs to train firearms instructors and armorers to implement this agency's transition to semi-automatic pistols.

Camp Smith, NY (1989): Speaker at Westchester County Firearms Instructors Seminar on Semi-Automatic Pistol Transitional Training. Topic: "Safety In The Transitional Training Program."

Trenton (New Jersey) Police Department (1989): trained firearms instructors and armorers to conduct agency's transition to semi-automatic pistols.

New York Legal Aid Society (New York City, 1989?): co-instructed (with Firearms Examiner D. Frangipani) firearms evidence lecture for attorneys.

Philadelphia Police Department (1989): trained firearms instructors and armorers to conduct agency's transition to semi-automatic pistols.

Trinidad-Tobago Police Academy (Port-of-Spain, 1990): presented firearms instructor workshop in conjunction with handgun training program conducted at Teteron Military Base.

Louisiana State Police Academy, Baton Rouge, LA (1990): conducted submachine gun instructor school.

New York State Police (1990): performed a contract to conduct a series of

programs at five locations throughout New York State to train NYSP firearms instructors to conduct agency's transition to semi-automatic pistols.

IALEFI Regional Training Conference (Long Island NY. 1990): conducted dim-light handgun training class.

Henrico County Police Department (Virginia, 1990): conducted two training programs to prepare agency's instructors to conduct transition to semi-automatic pistols.

Virgin Islands Police Department (St. Thomas, 1990): conducted semiautomatic pistol instructor training program.

Developed police shotgun armorer training program for O. F. Mossberg & Sons, and conducted first Mossberg Shotgun Armorer Courses in Burbank, Tacoma, Philadelphia, North Haven (CT), South Carolina Criminal Justice Academy, North Carolina Justice Academy, Skokie (IL), Kansas City, San Antonio, Louisiana State Police Academy, Salt Lake City, and other locations (1990-1992). Course revised 2000, below.

Baltimore City Police Department (1990): conducted semi-automatic pistol instructor training program.

Missouri State Highway Patrol (1990): presented training program to prepare agency's instructors to conduct transition to semi-automatic pistols.

Atlantic County's Prosecutor's Office: conducted Firearms Instructors Recertification Course for all police firearms instructors in county (1990-2001)

Phoenix Regional Police Academy (1991): conducted armorer and semiautomatic pistol instructor training program.

Maryland National Capital Park Police (1991): conducted semi-automatic pistol instructor training program.

IALEFI Regional Training Conference (Dutchess County, N.Y. 1991): taught classes on cover mode and involuntary discharge; advanced shotgun techniques.

DSIP (Caracas, Venezuela. 1991): conducted firearms training program for bodyguard detail of President of Venezuela, and for members of drug task force and elite counter-terrorist unit.

Oregon State Police (1991): conducted training program to prepare agency's instructors to conduct transition to semi-automatic pistols.

Clients for which Mr. Kapelsohn has provided training and consulting services, both domestically and abroad from 1983 through the present time, include investigative agencies, executive protection details, armored car and precious metal companies, corporations involved in newspaper publishing,

advertising, finance, pharmaceuticals, insurance, defense manufacturing, mining, firearms and related products, steel, the movie/television industry, and manufacturing industries; police departments, federal agencies, cities, and state law enforcement training commissions.

Kutztown Jaycees (1991): conducted firearms safety and BB gun marksmanship training class for 8-12 year olds.

Seattle Police Department (1991): conducted semi-auto pistol instructor program

American Society for Industrial Security (Schuylkill Valley Chapter, 1992): presented lecture on current trends in security and law enforcement firearms training.

NJ Department of Corrections, Glock 18 (select-fire pistol) Course for Witness Protection Detail, Atlantic City Police Range (1992)

American Society of Law Enforcement Trainers Fifth International Training Seminar (Milwaukee 1992): presented instructor-level classes on involuntary muscular contraction and involuntary discharge.

IALEFI Regional Training Conference (Dutchess County, NY 1992): presented lecture on training-related liability, documentation of training, and written agency firearms policy.

IALEFI Regional Training Conference (Long Island, NY 1992): conducted classes on tactical handgun and dim-light handgun.

Reading Area Community College (1992): Police Semi-Automatic Pistol Instructor Workshop.

National Tactical Invitational, Lewisberry, PA 1992: taught class, "Legal Considerations in the Use of Deadly Force."

Northeastern Berks Regional Police Department (1992): Semi-Automatic Pistol Training Program.

Salt Lake County Sheriff's Department (1992): trained armorers and firearms instructors to conduct transition to semi-automatic pistols.

Tactical Shotgun Course (1993): Pleasantville (NJ) Police Range.

IALEFI Regional Training Conference (Nassau County, NY 1993): conducted class on firearms-related liability, written departmental firearms policies, and documentation of training.

Dallas Police Department (1993): conducted police firearms instructors course.

North Carolina Justice Academy, Statewide Firearms Instructors Conference

(1993): Presented classes: Involuntary Muscular Contraction & Unintentional Discharge; Developing Dynamic Training Exercises for Patrol Officers.

Jacksonville (FL) Police Department (1993): conducted police firearms instructors course.

Carnegie Mellon University Police Department (Pittsburgh 1993): conducted transitional training program and handgun instructor workshop.

Calgary Police Service Tactical Unit (1993): taught special weapons course including submachine gun, shotgun, rifle, and handgun.

Yardley, PA (1994): Instructed Defensive Handgun Course. Guest Speaker on topic "Should I Carry a Gun?" at JCK Show, Las Vegas, NV (June 1994).

Connecticut Police Academy, Meriden, CT. Co-instructed senior instructor program "Selecting a Shoulder Weapon" (April 1994).

"Firearms Training Liability and Trends," Lehigh Valley Chapter, American Society for Industrial Security (1994).

Kutztown Police Department (1994): conducted handgun and shotgun training.

Defensive Shotgun Courses, Pittsburgh, PA and Harvard, Mass. (1995).

Handgun training and qualifications, Eastern Armored Service (Trenton, NJ 1994-1996).

Guest speaker, Firearms Committee, Pennsylvania Municipal Police Officers Education and Training Council (Hershey, PA 1995).

Connecticut Police Academy, Meriden, CT. Co-instructed Tactical Shotgun Instructor course (1995).

"Trends in Police Firearms Training," Pennsylvania Burglar and Fire Alarm Association, Allentown, PA (1995).

Senior Firearms Instructor Course, Allentown Police Academy (PA 1995).

Defensive Handgun Course, Lehigh County District Attorney's Office, Allentown, PA (1996).

Firearms Instructor Recertification Course, Dallas Police Department, Dallas, TX (1996).

Glock 19 Transition Courses, Princeton Armored Service, Trenton, NJ (1995-6)

Lecture: "Firearms Training-Related Liability," Annual Conference, Arizona Law Enforcement Firearms Instructors Association, Mesa, AZ (1996).

Firearms Safety Program, Cub Scouts of America, Topton, PA (1996).

Basic Personal Protection Handgun Courses, Topton (PA) Fish & Game Association Range (1994-1996).

IALEFI Handgun Safety Check, IALEFI Regional Training Conference, Philadelphia Police Academy (1996).

Legal and Practical Aspects of Firearms Self-Defense for Civilians, Muhlenberg Township Recreation Department (1996-1997).

American Society of Law Enforcement Trainers Regional Training Conference, Bergen County (NJ) Police Academy (1996): conducted instructor-level courses on Tactical Handgun Skills; Dim-Light Handgun.

1996 IALEFI Annual Training Conference, Mesa, AZ. Co-instructed instructor-level courses on Training-Related Liability; Safety and Use of Reactive Steel Targets.

North Carolina Justice Academy Statewide Instructors Conference: conducted instructor-level lectures on firearms safety, dim-light firing techniques, and one-handed firearms manipulation (1997).

Berks County Sheriff's Department: conducted revolver-to-semiautomatic pistol transitional training for this 38-officer agency (1997).

IALEFI Regional Training Conference (Oklahoma City Sheriff's Office 1997): conducted instructor-level program, "Developing Dynamic Range Exercises for Patrol Officers."

Berks County Sheriff's Department: assisted in conducting in-service handgun and shotgun training, remedial training, and qualification (1997-2007, 2012).

IALEFI Annual Training Conference (Columbia, Missouri, 1997): co-instructed instructor-level program, "Legal Liability Update"; conducted IALEFI Handgun Safety Check for over 100 students; chief safety coordinator for this 6-day conference involving some 500 participants (students, instructors, vendors) in day and night training activities, displays, and competitions. Courses attended: see above.

Lehigh County (PA) District Attorney's Office (1997): conducted handgun training course.

Kutztown (PA) Police Department: conducted in-service handgun and shotgun training and qualification (1997, 2000, 2001, 2002, 2003).

- Harrisburg Area Community College: Co-instructed pilot judgmental use of force class for Pennsylvania MPOETC (1998).
- Allentown (PA) Kiwanis Club: Guest speaker on "Firearms Safety and Self-Defense" (1998).
- U.S. Department of Health & Human Services, Office of the Inspector General. Training and consulting contract to assist agency in updating its firearms training program for Special Agents (1998).
- Northeastern Berks Regional Police Department (1998): Conducted handgun and shotgun qualifications and remedial training.
- Berks County Postmasters Association: Guest speaker on "Personal Security" (1998).
- Less Lethal 12-Gauge Impact Munitions User Certification Course (Berks County, PA, 1998).
- Camp Cadet, Oley, PA (1998): Firearms safety presentation for 10-14 year olds at summer camp sponsored by Pennsylvania State Police.
- O.C. Civilian Users Certification Courses: Conducted a series of courses for employees and for security officers of Fortune 500 company (1998-2001).
- IALEFI Annual Training Conference (West Palm Beach, FL, 1998): Presented instructor-level program, "Designing and Using Performance Objectives in Firearms Training"; conducted IALEFI Handgun Safety Check for over 100 students; chief safety coordinator for this 6-day conference involving some 500 participants (students, instructors, vendors) in day and night training activities, displays, and competitions. Courses attended: see above.
- Harrisburg Area Community College: Assisted in presenting judgmental use of force instructor certification course for Pennsylvania MPOETC (1999).
- Police Patrol Rifle Users and Instructors Courses (Muhlenberg Twp. Police Department 1999).
- Presentations to Allentown, PA Chapter, American Inns of Court, on "Firearms, Tactics and the Law" (Sept. 1999) and "Use of Experts in Firearms Cases" (Oct. 1999).
- IALEFI Annual Training Conference (Phoenix, 1999): Conducted IALEFI Handgun Safety Check for over 100 students; chief safety coordinator for this 6-day conference involving some 400 participants (students, instructors, vendors) in day/night training classes, displays and competitions.
- Allentown (PA) Police Academy: Basic Recruit Training Academy classroom instructor on "Use of Force in Law Enforcement;" assistant range instructor in

firearms (1999-2007). "Laws of Arrest" and "Criminal Procedure" (2007).

Firearms Overview Course (Allentown Police Academy, 1999): presented classroom and range program to researchers and doctors from University of Pennsylvania (FICAP) study on gunshot injuries.

IALEFI RTC (Philadelphia Police Academy, 2000): taught two courses on Tactical Shotgun.

Eddie Eagle Firearms Safety Program taught to approx. 120 children, grades K through 2, at The Swain School (Allentown, PA, 2000).

Firearms Instructor Update (Pennsylvania State Police Academy, 2000): presented instructor-level program for Pennsylvania Municipal Police Officers Education and Training Commission.

2000 IALEFI ATC, Tampa, FL: conducted IALEFI Handgun Safety Check for over 100 students; chief safety coordinator for this 6-day event involving nearly 500 participants (students, instructors, vendors) in day and night training activities, displays and competitions; taught Mossberg Shotgun Armorer Certification Course.

Lehigh County (PA) District Attorney's Office (2000): conducted training course, "Introduction to Firearms for Prosecutors" (CLE accredited) at Allentown Police Academy.

Mossberg Shotgun Armorer Certification Courses (North Haven, CT, 2000): presented two courses for police and military armorers. Consultant to Mossberg re. revision of Armorer's Manual.

"Legal and Practical Aspects of Firearms Self-Defense" (Topton, PA, 2000): presented two courses at East Penn Outdoor Sportsmen's Expo.

Eastern Armored Service (PA, 2000): conducted Glock pistol transitional training for armored car personnel.

Mossberg Shotgun Armorer Certification Course (Fairfax, VA, 2000): taught course for police armorers.

Guest Speaker at graduation dinner, Allentown (PA) Police Academy (2001)

Para-Ordnance LDA Pistol Armorer Certification Courses (Orange County, CA and Oak Lawn, IL, 2001): taught courses for police and civilian armorers.

Para-Ordnance LDA Pistol Firearms Instructor Workshop (Oak Lawn, IL, 2001): taught course for police firearms instructors in conjunction with agency's transition to this model of semi-automatic pistol.

Guest Speaker, "Firearms in the Home," Allentown Rotary Club (2001)

Mossberg Shotgun Armorer Certification Course, Lisle, IL (2001): taught course for police armorers.

Firearms Training and Qualification, Berks-Lehigh Regional Police Department (PA, 2001). Conducted user-level training for this newly-formed agency with pistol, shotgun, patrol rifle, and less lethal impact munitions.

Guest Instructor, Citizens Police Academy, Exeter Township Police Department (PA, 2001). Presented demonstration/discussion of concealed weapons and related topics.

Personal Protection Course, Carpenter Technology Corporation, Reading, PA (2001). Taught personal protection course (including pepper spray and hand-to-hand self defense) to executives of Fortune 500 company and their spouses.

Firearms Instructor Update (Northeast Counter-Drug Training Center, Ft. Indiantown Gap, PA 2001): presented instructor-level program for Pennsylvania Municipal Police Officers Education and Training Commission.

Tacoma Police Department (WA, 2001). Developed and taught Kimber Pistol Armorer's Workshop and Kimber Pistol Instructor Course for this agency.

Las Vegas Metro Police Department (NV, 2001). Taught Mossberg Shotgun Armorer Certification Course.

Mossberg Shotgun Armorer Certification Courses (North Haven, CT 2001). Taught two armorer courses for O.F. Mossberg & Sons.

Mossberg Shotgun Armorer Certification Course (Utah County Sheriff's Office, UT 2001). Taught law enforcement armorer's course.

"Legal and Practical Aspects of Firearms Self-Defense" (Topton, PA 2001): taught course at East Penn Outdoor Sportsmen's Expo.

Para-Ordnance LDA Pistol Armorer Certification Course (North Attleboro Police Department, MA 2001).

2001 IALEFI Annual Training Conference, Reno, NV: conducted IALEFI Handgun Safety Check for some 80 students; assistant safety coordinator for this 6-day event involving nearly 400 participants; taught Mossberg Shotgun Armorer Certification Course; panelist in panel discussion, "Point Shooting vs. Aimed Fire."

Presenter at Muhlenberg Twp. Police Dept. "Firearms and Home Safety" Class (Temple, PA 2001): Lecture to mixed audience of adults and Boy Scouts.

Mossberg Shotgun Armorer Certification Course (Branson Police Department, Branson, Missouri 2001). Taught law enforcement armorer's course.

Mossberg Shotgun Armorer Certification Course, Fairfax, Virginia 2001. Taught Law Enforcement armorer's course to police and military personnel.

Para-Ordnance LDA Pistol Armorer Certif. Course (Southampton, PA 2001) Mossberg Shotgun Armorer Certification Course, Massachusetts State Police Headquarters, Framingham, MA 2002.

Mossberg Shotgun Armorer Certification Course, Clearwater Police Department, Clearwater, FL 2002.

Beretta DAO Pistol Training Course and Use of Force Legal Issues Class, Bloomsburg University Police Department, Bloomsburg, PA 2002: Trained and certified university police department to carry firearms.

Mossberg Shotgun Armorer Certification Course, Linn County Sheriff's Office, Albany, Oregon 2002

Mossberg Shotgun Armorer Certification Course, Shawnee County Sheriff's Department, Topeka, Kansas 2002.

Para-Ordnance LDA Pistol Armorer Certification Course, Kansas Highway Patrol, Emporia, Kansas 2002.

Citizen's Police Academy, Exeter Township Police Department (PA), Guest instructor, training segment on weapons concealability (2002-2004).

Firearms Instructor Update, Berks County Sheriff's Department, Reading, Pennsylvania (2002)

Mossberg Shotgun Armorer Certification Course, New York City Police Department, Ballistics Section (2002)

Introduction to Firearms for Juvenile Probation Officers, Allentown Police Academy (2002)

Mossberg Shotgun Armorer Certification Course, Watertown Police Department, Watertown, CT (2002)

Mossberg Shotgun Armorer Certification Course, Carol Stream, Illinois (2002)

2002 IALEFI Annual Training Conference, San Diego, CA. Chief safety coordinator for this 6-day event involving over 300 participants in day and night training activities, trade show, demonstrations and shooting competitions. Coinstructed course on safety issues and procedures in simulation and role-playing training exercises.

Mossberg Shotgun Armorer Certification Course, Martin County Sheriff's Office, Stuart, Florida (2002).

Mossberg Shotgun Armorer Certification Course, Fairfax, VA (2002).

Bureau of Alcohol, Tobacco & Firearms, Firearms Instructor Seminar, Orlando, FL (2002). Guest Instructor.

Berks-Lehigh Regional Police Department, remedial dim-light training. (2003)

Guest Lecturer, University of Pennsylvania class, "Injury and the Public's Health," School of Medicine/School of Public Health. Professor Charles Branas, Ph.D. (2003)

Patrol Rifle Instructor Course, Reading, PA (2003)

Patrol Rifle Operator's Course, Reading, PA (2003)

Bureau of Alcohol, Tobacco & Firearms, Firearms Instructor Seminar, San Diego CA (2003). Guest Instructor.

Citizen's Police Academy, Allentown Police Academy, Allentown, PA. Instructor in Use of Force in Law Enforcement, Laws of Arrest (2003-5)

Bureau of Alcohol, Tobacco & Firearms. Firearms Instructor Seminar, Orlando, FL (2003). Guest Instructor

IALEFI Annual Training Conference, Orlando, FL (2003). Assistant range officer in Advanced Tactical Rifle class.

Mossberg Shotgun Armorer Certification Course. Rockland County (NY) Police Academy (2003). Instructor.

Firearms Instructor Recertification Course. Atlantic County, NJ (2002, 2003). Instructor

Defensive Shotgun Course. Reading, PA (2003). Instructor

Firearms Instructor Updates/Requalifications. Berks County Sheriff's Department, Reading, PA (2003-2005).

Guest Instructor, Lehigh County Municipal Emergency Response Team Training, DeSalles University (2004)

Bureau of Alcohol, Tobacco & Firearms. Firearms Instructor Seminar, Orlando, FL (2004). Guest Instructor

Patrol Rifle Instructors Course. Reading, PA (2004). Instructor

Patrol Rifle User's Course. Reading, PA (2004). Instructor

Bureau of Alcohol, Tobacco & Firearms. Firearms Instructor Seminar, Los Angeles, CA (2004). Guest Instructor

IALEFI Annual Training Conference, Dayton, Ohio (2004). Taught class "Legal Update for Firearms Instructors."

Patrol Rifle/Shotgun Workshop. Reading, PA (2004). Instructor

Atlantic County Prosecutor's Office, Firearms Instructor Update. Atlantic County, NJ (2004). Presented 3-day range and classroom instructor update.

Lecture, "Firearms, Firearms Safety and Self-Defense," Lions Club, Bowers, PA (2004). Guest lecturer.

Defensive Handgun & Shotgun Class. Hellertown, PA (2004). Instructor

Bureau of Alcohol, Tobacco & Firearms. Firearms Instructor Seminar, San Francisco, CA (2005). Guest Instructor

Tactical Team Commanders Course, Jefferson Township (NJ) Police Department, for Fox Valley Technical College/ Team One Network, Guest Instructor (2005).

Advanced Defensive Handgun Class. Hellertown, PA (Spring 2005). Instructor.

Firearms Safety and Tactics Workshop. Salisbury Township Police Department, Allentown, PA (2005). Instructor.

Bureau of Alcohol, Tobacco & Firearms. Firearms Instructor Seminar, San Diego, CA (2005). Guest Instructor.

2005 IALEFI Annual Training Conference, Reno, NV. Co-instructed instructor-level class on fast, accurate handgun shooting and target-focused fire. Conducted Handgun Safety Check for approx. 100 new attendees. Chief Safety Officer coordinating safety for this 6-day training conference, involving over 400 attendees in classroom and firing range courses, firearms ompetition, trade show with hands-on firearms demonstrations, etc.

Atlantic County Prosecutor's Office, Firearms Instructor Update. Atlantic County, NJ (2005). Presented 3-day range and classroom instructor update.

O.C. ("Pepper Spray") Users Courses (Pennsylvania 2005). Presented training courses for security officers of major pharmaceutical manufacturer.

Patrol Rifle Operators Refresher Course (Berks County Sheriff's Dept. 2005).

Advanced Defensive Handgun Course. Hellertown, PA. (Fall 2005). Instructor.

Defensive Handgun & Shotgun Training (Pennsylvania 2005, 2006, 2007, 2008,

2009). Presented a series of firearms training courses for security officers of a major pharmaceutical manufacturer.

"Home Firearms Safety and Self-Defense" lecture/demonstration for 35th Anniversary Charter Night, Lions Club, Bowers, PA (2006).

North Carolina 2006 Police Firearms Instructors Conference, North Carolina Justice Academy (2006). Featured presenter: lectured to 250 law enforcement firearms instructors on safety in simulation training; involuntary muscular contraction and unintentional discharge of firearms; police deaths and administrative gun handling safety considerations; and mental conditioning and tactics in officer- involved shootings.

2006 IALEFI Annual Training Conference, West Palm Beach, FL. Moderator of panel discussion, "Panel of Experts on Firearms Topics," including techniques for covering suspects at gunpoint, manipulation of manual safeties, use of weapon-mounted lights, etc. Assisted in conducting Handgun Safety Check for participants; monitored classes on Patrol Rifle, Concealed Carry Handgun.

Allentown Police Tactical Pistol League. Conducted training session for police officers. (2006)

Patrol Rifle Workshop. Hellertown, PA. (2006)

Atlantic County Prosecutor's Office, Firearms Instructor Recertification Course. Atlantic County, NJ (2006). Presented classroom and range instructor update.

IALEFI Regional Training Conference, Ocean City, Maryland (2006). "Tactical Handgun Overview." Featured instructor at regional police training conference.

"Use of Force in Law Enforcement." Two classes; Kutztown Police Department, Kutztown, PA (2007)

Legal & Practical Aspect of Self-Defense with Firearms, Hellertown, PA (Winter 2007). Lecture/demonstration presentation to some 100 attendees.

"Use of Force Legal Concepts," Reading, PA (2007). Conducted instruction on principles of justification for use of force, etc. for Carpenter Technology security officers.

Glock Pistol Transitional Training, Eastern Armored Services (2007). Conducted transitional training classes for armored car personnel.

Pepper Spray User's Course. Conducted pepper spray user training and certification for corporate/industrial security officers. (2007)

IALEFI 2007 Annual Training Conference, San Antonio, TX. Assisted in conducting handgun safety check for 175 firearms instructors.

"Police Involved Shootings – When the Smoke Clears," Westchester County Detectives Association, Yorktown Heights, NY (2007). Lecture presentation to 160 attendees on subjects including psychological and perceptual distortions and stress reactions of officers involved in shootings; involuntary muscular contraction and accidental discharge of firearms; liability and safety issues of weapon-mounted lights and lasers; officer reluctance to fire; etc.

"Use of Force Legal Theory" class and "Glock Pistol User's Class" conducted for California University of Pennsylvania Police Department. (California, PA 2007). Consulted, and conducted classroom and range instruction for this university police department in its adoption of a service pistol. Legal & Practical Aspects of Self-Defense with Firearms, Hellertown, PA (Fall 2007). Lecture/demonstration presentation to 30 attendees.

Atlantic County Prosecutor's Office, Firearms Instructor Recertification Course. Atlantic County, NJ (2007). Presented 3-day firearms instructor update (classroom and range) for approximately 30 police firearms instructors.

Pepper Spray User's Course. Conducted pepper spray user training and certification for corporate/industrial security officers. (2008, 2010)

Defensive Handgun, Shotgun and Use of Force Training (Pennsylvania 2008 - 2012). Conducted training for security officers of a major pharmaceutical manufacturer.

2008 IALEFI ATC, Reno, Nevada. Conducted IALEFI Handgun Safety Check for approximately 125 shooters on range. Taught classes on "Shotgun Instructor Skills."

Defense Training International, Women's Handgun Class. Rochester, Indiana (2008). Served as adjunct instructor for this women-only class.

"Covering Suspects at Gunpoint and Involuntary Muscular Contraction." Training segment conducted for Greene County Sheriff's Reserve (2008)

Atlantic County Prosecutor's Office, Firearms Instructor Recertification Course. Atlantic County, NJ (2008). Presented 3-day firearms instructor update (classroom and range) for approximately 25 police firearms instructors.

Greene County Sheriff's Department. Assistant range instructor for dim light Handgun & rifle qualification; assisted in developing dim light rifle qualification course; provided remedial instruction as needed. (2009-2012)

"How Close is Too Close?" Training segment conducted for Greene County Sheriff's Reserve (2009)

"Ammunition Inspection Procedures," "Dry Practice Safety Procedures," and "Safety in Gun Cleaning" training segments conducted for Greene County Sheriff's Reserve (2009)

Indiana University (Bloomington, IN), Criminal Justice Department. Taught 3-credit senior seminar, "Police Use of Force." (2009, 2010)

2009 Conference, International Law Enforcement Educators & Trainers Association (Chicago, IL): taught course, "Bulletproofing Your Agency's Use of Force Policies."

2009 IALEFI Annual Training Conference, West Palm Beach, Florida. Conducted IALEFI Handgun Safety Check (range drills) for 70-plus trainees; taught course, "Management and Investigation of Officer-Involved Shootings" (two sessions).

Intermediate Defensive Handgun. Trained female student in defensive handgun skills in intensive 2-day program. Hellertown, PA. (2009)

Remedial Handgun Training. Provided series of remedial training sessions for two female law enforcement officers. (Indiana 2009)

Police Patrol Rifle Instructor Course, Reading, PA. (2009)

Prosecutor's Training, "Police Use of Force," Greene County, IN. (2009) Developed and presented this mandatory training course for police from agencies throughout the county.

Atlantic County Prosecutor's Office, Firearms Instructor Recertification Course. Atlantic County, NJ (2009). Presented 3-day firearms instructor update (classroom and range) for approximately 35 police firearms instructors.

"Police Use of Force." Citizens' Police Academy, Linton Police Department, Indiana (2010).

Firearms Safety & Home Firearms Storage Safety; Distinguishing Toy Guns and Airguns from "Real" Guns; Dry Practice Safety Protocols; Drawing the Handgun. Training segments conducted for Greene County Sheriff's Reserve (2010).

Moderator and Panelist, Panel Discussion: "Current Issues in Firearms & Tactics Training, 2010 IALEFI Annual Training Conference, San Antonio, TX. Also, conducted Handgun Safety Check for 120 first-time attendees.

Patrol Rifle Instructor & User's Course, Reading, PA (2010).

Police Firearms Instructor Update, Allentown (PA) Police Academy (2010).

Prosecutor's Training, "Police Use of Force Update," Greene County, IN (2010)

"Use of Force Law & Policy," Berks County (PA) Sheriff's Department (2010)

Atlantic County Prosecutor's Office, Firearms Instructor Recertification Course. Atlantic County, NJ (2010). Presented two 3-day firearms instructor update courses (classroom and range) for approximately 45 police firearms instructors.

Judgmental Use of Force Training. Designed and conducted a judgmental use of force training program for law enforcement officers in Greene County, Indiana. Program utilized FATS video simulator, firearms, OC spray, Taser, verbal challenges, use of cover, verbalization with suspects and fellow officers, preparing and debriefing after writing an incident report on one of the scenarios the trainee experienced, etc. (Bloomfield, IN 2011).

Judgmental Use of Force Instructor Certification Class. Trained a cadre of instructors to teach a judgmental use of force program, including the FATS system, report writing, etc. (Bloomfield, IN 2011)

Clearing Handgun Stoppages. Training conducted for Greene County Sheriff's Reserve (2011).

One-handed Handgun Operation. Training conducted for Greene County Sheriff's Reserve (2012)

Police Use of Force, Citizens Police Academy, Linton, IN (2012)

Panelist, Use of Force "Panel of Experts" at 2012 ILEETA Conference, Chicago.

Patrol Rifle Instructor Course, Berks County, PA (2012)

FATS Judgmental Firearms Training Program, Greene County, IN (2012). Designed and helped to conduct FATS simulator training for law enforcement officers from countywide agencies.

IALEFI 2012 Annual Training Conference, Nashville, TN. Taught class, "The Firearms Instructor as Expert Witness."

Live-Fire Decision Making Shooting Exercises, Greene County, IN (2012).

IALEFI Shotgun Master Instructor Development Progam, Monroeville, PA (2012)

Firearms Instructor Update & Recertification, Atlantic County, NJ (2012)

Legal & Practical Aspects of Self Defense With Firearms. Hellertown Sportsmen's Association, Hellertown, PA (2012)

Police Explorers firearms training class. Berks County, PA (2012)

Berks County Sheriff's Department training and qualification (2012)

North Carolina Justice Academy, Firearms Instructor Update. Lecture "Post

Shooting Procedures, Policies and Concerns" (2012). Presentation to 125 firearms instructors representing law enforcement agencies statewide.

Atlantic County Prosecutor's Office, Firearms Instructor Recertification Course. Atlantic County, NJ (2012). Presented two 3-day firearms instructor update courses (classroom and range) for approximately 45 police firearms instructors.

2013 IALEFI Annual Training Conference, Mobile, AL. Conducted IALEFI Handgun Safety Check for approx.. 90 attendees; Presented class: "Encouraging Off-Duty Carry."

Legal & Practical Aspects of Firearms Self-Defense. Hellertown, PA (2013)

IALEFI Regional Training Conference, Harrisburg Area Community College, Piccola Law Enforcement Training Center. Conference Coordinator. Taught courses, "Officer-Involved Shootings: Policies, Procedures & Concerns" and "Lethal Force Confrontations Instructor." Assisted in presenting Tavor Rifle Armorer Level I Class. (2013)

Atlantic County Prosecutor's Office, Firearms Instructor Recertification Course. Atlantic County, NJ (2013). Presented two 2-day firearms instructor update courses (classroom and range) for approximately 50 police firearms instructors.

Norfolk Southern Railroad Police Training Seminar, "Bulletproofing Your Agency's Use of Force Policy" and "Officer-Involved Shootings: Policies, Procedures and Concerns." Brosnan Forest, SC (2014).

Deadly Force Expert Panel, 2014 ILEETA Conference, Lombard, IL. Panelist.

2014 IALEFI Annual Training Conference, Amarillo, TX. Conducted IALEFI Handgun Safety Check for approximately 90 attendees; presented class "Using Firearms Experts in Officer-Involved Shooting Cases."

Atlantic County Prosecutor's Office, Firearms Instructor Recertification Course. Atlantic County, NJ (2014). Presented two 2-day firearms instructor update courses (classroom and range) for police firearms instructors county-wide.

Police Patrol Rifle Instructor Course. Hosted by Allegheny Township Police Department, Duncansville, PA. (2014)

2015 ILEETA Conference, Panelist, "Deadly Force Panel of Experts;" Panelist, "Active Shooter Panel." Wheeling, IL.

2015 IALEFI Annual Training Conference, West Palm Beach, FL. Taught two classes for 76 students, "Training Gone Wrong."

Police Firearms Instructor Course. Hosted by Martinsburg Police Department, PA. (2015)

Atlantic County Prosecutor's Office, Firearms Instructor Recertification Course. Atlantic County, NJ (2015). Presented 2-day firearms instructor update courses (classroom and range) for police firearms instructors county-wide. Pilot program, "Police Use of Force," Piccola Law Enforcement Training Center, Harrisburg Area Community College (2015). Co-instructed this pilot program for mandatory in-service training class to be presented in 2016 to approximately 25,000 police officers throughout the Commonwealth of Pennsylvania.

IALEFI Regional Training Conference, Freeport Police Range, Long Island, NY (2015). Taught two instructor-level classes on current law enforcement use-of-force issues and cases. Classes attended: see above.

MPOETC Instructor Training Class for 2016 Mandatory In-Service Training ("MIST") "Police Use of Force" Class. Co-instructed this instructor-training class for the Pennsylvania MPOETC for approximately 40 instructors at the Montgomery County Law Enforcement Training Center, Conshohocken, PA (2015).

Basic Defensive Handgun Course, Hellertown, PA 2016.

"Deadly Force Panel of Experts" panelist, 2016 ILEETA Conference, Rosemont, IL.

Moderator and Panelist, Panel Discussion, "Firearms Training and Use of Deadly Force," 2016 IALEFI Annual Training Conference, Mobile, AL.

Atlantic County Prosecutor's Office, Firearms Instructor Recertification Course. Atlantic County, NJ (2016). Presented two 2-day firearms instructor update courses (classroom and range) for police firearms instructors county-wide.

Civilian Response to Active Shooter Events (CRASE) Training, Lehigh Valley Consortium of Professional Organizations (2016) Presented this Texas State University program for approximately 40 attendees.

Use of Force and Firearms Training, Upper Macungie Township Police Department, Pennsylvania. Provided classroom and range instruction for this municipal police department (2016).

Firearms Instructor Workshop and Remedial Handgun Training for Northampton County Sheriff's Department, Pennsylvania (2016).

Rangemaster Tactical Conference, lecture presentation, "Use of Force Legal Cases: Lessons Learned." Little Rock, Arkansas (2017).

"Deadly Force Panel of Experts" panelist, 2017 ILEETA Conference, St. Louis, MO.

"Patrol Rifle Panel" panelist, 2017 ILEETA Conference, St. Louis, MO.

North Carolina Justice Academy, IALEFI Regional Training Conference, lecture presentation, "Officer-Involved Shootings: When Tiny Details Become Critical," 2017.

IALEFI 2017 Annual Training Conference, West Palm Beach, FL. Lecture presentation, "Legal Update on Officer-Involved Shootings: The Expert Witness Viewpoint."

Armed Security Officers Training Program, Reading, PA. Classroom and range training for two groups of armed security officers for Reading Hospital/Reading Health System. (2017)

Patrol Rifle Instructor Course, hosted by Muhlenberg Township Police Department, Reading, PA. (2017)

Firearms training and consulting for church security team. Berks and Lehigh County, PA 2017-2018.

Use of force and firearms training and consulting for synagogue security team. Lehigh County, PA 2017-2018.

Atlantic County Prosecutor's Office, Firearms Instructor Recertification Course. Atlantic County, NJ (2017). Presented firearms instructor update course (classroom and range) for police firearms instructors county-wide (two classes) 2017.

"Deadly Force Panel of Experts" panelist, 2018 ILEETA Conference, St. Louis, MO.

"Active Shooter Panel" panelist, 2018 ILEETA Conference, St. Louis, MO.

"Review of Recent Officer-Involved Shootings," IALEFI ATC, Houston, TX 2018.

Patrol Rifle Instructor Course for Assistant Chief of Upper Macungie Township Police Department, 2017-2018 (multiple sessions).

Pepper gel class, taught for security team members of religious congregation. (2018)

Class on tactical first aid, including use of Israeli battle dressings, tourniquets, Combat Gauze, and occlusive dressings, taught for teachers and staff of religious congregation. (2018)

Atlantic County Prosecutor's Office, Firearms Instructor Recertification Course. Atlantic County, NJ. Presented firearms instructor update course (classroom and range) for police firearms instructors county-wide (two classes) 2018.

Pepper gel class, taught for employees and family members of professional firm. (2018)

IALEFI ATC, West Palm Beach, FL (2019): Taught instructor-level course on "Officer-Involved Shootings" to approximately 35 instructors.

Plus, numerous basic through advanced and remedial training sessions for individual students and small groups, including private individuals, corporate executives and dignitaries, executive protection personnel, security officers, private investigators, military, federal agents and law enforcement officers at all levels. (1978 to present)

REFERENCES: Personal and professional references available on request.