

Curriculum Vitae

Name:	Pat A. Wertheim	Personal:	Age 59
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Employer: Arizona Department of Public Safety
South Region Crime Laboratory
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Education:

Institution	Field of study	Degree earned	Years attended
Texas A&M University	Geophysics	Bachelor of Science	1966-1971
Schreiner College	Law Enforcement	none	1974-1975
University of Virginia	Fingerprints, photography	none	1986, 1987, 1992
Collin County C. C.	Art	none	1988

Professional Law Enforcement and Related Employment:

Agency	Rank or Title	Location	Dates
Arizona DPS Crime Laboratory	Criminalist IV	Tucson, AZ	August 2001—Present
Forensic ID Training Seminars	Director of Training	Salem, OR	April 1999—August 2001
Lightning Powder Company, Inc	Vice President	Salem, OR	April 1997—April 1999
Arizona DPS Crime Laboratory	Criminalist IV; LPE	Tucson, AZ	March 1989—April 1997
Plano Police Department (TX)	Identification Supervisor	Plano, TX	March 1986—March 1989
Plano Police Department (TX)	Patrolman; Sergeant	Plano, TX	January 1980—March 1986
Kerrville Police Department (TX)	ID Officer; Detective	Kerrville, TX	March 1976—March 1979
Kerrville Police Department (TX)	Patrolman	Kerrville, TX	October 73—September 75

Law Enforcement Training Received:

Topic	Agency	Dates	Duration
Basic Law Enforcement Academy	Texas A&M Extension	Nov–Dec 73	240 hours
Bomb Threat & Search	US Dept. of Army	June 74	8 hours
Homicide Investigation	Alamo Area LE Academy	July 74	40 hours
Assault & Death Investigation	Texas DPS Academy	May 75	40 hours
Breathalyzer Operator	East Texas State Univ.	June 75	40 hours
Identification Officer	Texas DPS Academy	Feb 77	80 hours
Narcotics & Drugs	Alamo Area LE Academy	Feb 79	40 hours
Tactical Police Driving	Nat'l Acdy Police Driving	Jan 80	24 hours
Police Instructor	NCTRPA	April 82	40 hours
Advanced Latent Prints	FBI @ DPD	Feb 83	40 hours
In-Service	PPD Academy	March 83	16 hours
Civil/Criminal Liability	NCTRPA	Sept 83	24 hours
First Line Supervisor	Texas DPS Academy	Nov 83	40 hours
In-Service	PPD Academy	July 84	16 hours
Self/Peer Assessment	PPD Academy	Oct 84	8 hours
Effective Communication	Texas DPS Academy	Feb 85	40 hours
Advanced Latent Prints	Texas DPS Academy	April 85	40 hours
In-Service	PPD Academy	April 85	8 hours
Annual Training Conference	IAI, Savannah	July 85	32 hours
Basic Crime Prevention	Texas CP Institute	Sept 85	40 hours

Law Enforcement Training Received (continued):

Topic	Agency	Dates	Duration
Basic Crime Stoppers	Texas CP Institute	Dec 85	40 hours
Special Crime Stoppers	Texas CP Institute	Dec 85	40 hours
Admin Adv Latent Prints	FBI Academy	June 86	120 hours
Criminal Psychology	FBI @ PPD	April 87	40 hours
Annual Training Conference	TDIAI/Texas DPS	June 87	16 hours
Symposium on Latent Prints	FBI Academy	July 87	40 hours
Latent Print Photography	FBI Academy	July 87	80 hours
Annual Training Conference	IAI, Arlington	July 87	32 hours
Psychological Profiling	Richardson PD Academy	Nov 87	40 hours
Cults, Sects, & Deviants	Richardson PD Academy	Jan 88	40 hours
Questioned Documents	USSS, Glenco, GA	Feb 88	80 hours
Ritual Crime	Central Texas PA	May 88	40 hours
Annual Training Conference	TDIAI, Brazoria Co SO	June 88	16 hours
Annual Training Conference	IAI, Sacramento	July 88	32 hours
Identi-Kit	Texas DPS Academy	Dec 88	24 hours
Annual Training Conference	AIC, Phoenix	June 89	16 hours
Annual Training Conference	IAI, Pensacola	June 89	32 hours
Semi-Annual Conference	SWAFS, Corpus Christi	Nov 89	16 hours
Annual Training Conference	AIC, Phoenix	Feb 90	8 hours
Annual Training Conference	Mississippi Div, IAI	April 90	24 hours
Annual Training Conference	IAI, Nashville	July 90	32 hours
Semi-Annual Conference	SWAFS, Tucson	Oct 90	16 hours
Annual Training Conference	CSDIAI, Solvang	April 91	24 hours
Annual Training Conference	TDIAI, Ft. Worth	June 91	16 hours
Annual Training Conference	IAI, St. Louis	July 91	32 hours
Semi-Annual Conference	SWAFS, Plano	Sept 91	24 hours
Crime Scene Investigation	SALPEA	Nov 91	16 hours
Contemporary Practices in Latents	FBI Academy	Feb 92	40 hours
Annual Training Conference	PNWIAI, Salem	May 92	16 hours
Annual Training Conference	CSDIAI, Santa Rosa	May 92	24 hours
Annual Training Conference	IAI, Atlantic City	July 92	32 hours
Symposium on Latent Prints	FBI Academy	April 93	40 hours
Annual Training Conference	CSDIAI, Los Angeles	May 93	24 hours
Annual Training Conference	IAI, Orlando	July 93	32 hours
Semi-Annual Conference	SWAFS, Flagstaff	Oct 93	24 hours
Annual Training Conference	CSDIAI, Yosemite	April 94	24 hours
Annual Training Conference	IAI, Phoenix	July 94	32 hours
Semi-Annual Conference	SWAFS, Houston	Nov 94	24 hours
Symposium on Latent Prints	Israel National Police	June 95	24 hours
Annual Training Conference	IAI, Costa Mesa	Aug 95	32 hours
Semi-Annual Conference	SWAFS, Colorado Spgs	Nov 95	24 hours
Annual Training Conference	American Academy FS	Feb 96	24 hours
Annual Training Conference	CSDIAI, San Francisco	May 96	24 hours
Annual Training Conference	PNWIAI, Ocean Shores	May 96	16 hours
Annual Training Conference	IAI, Greensboro	July 96	32 hours
Basic Ridgeology	Orange County SO	Oct 96	16 hours
Annual Training Conference	CSDIAI, Anaheim	May 97	24 hours
Annual Training Conference	TDIAI, Austin	June 97	16 hours
Annual Training Conference	IAI, Danvers	July 97	32 hours
Latent Fingerprint Comparison	CCI, Sacramento	April 01	40 hours
Annual Training Conference	CSDIAI, Concord	May 01	24 hours
Annual Training Conference	PNWIAI, Boise	May 01	16 hours
Centennial Conference, NSY	London, UK	June 01	24 hours
Biannual International Symposium	ANZFSS, Canberra	May 02	40 hours
Daubert Symposium	ABFDE, Las Vegas	June 02	24 hours
Adobe Photoshop	CompuMaster, Tempe	Sept 02	16 hours

Law Enforcement Training Received (continued):

Topic	Agency	Dates	Duration
Texas Division Conference	TDIAI, Galveston, Tx	June 03	16 hours
Daubert Symposium	ABFDE, Las Vegas	Oct 04	24 hours
Scientific Analysis	Mesa P.D.	May 05	16 hours
Canadian Identification Society	Calgary, Canada	July 05	32 hours
Annual Training Conference	NEDIAI, Burlington NH	Nov 05	24 hours
Annual Training Conference	CSDIAI, Ontario, CA	May 06	32 hours
Annual Training Conference	IAI, Boston	July 06	40 hours
Annual Training Conference	Chesapeake Bay, IAI	March 07	12 hours
MetaMorpho AFIS Training	AZ DPS	April 07	8 hours

Law Enforcement Training Performed:

Topic	Agency/Location	Dates	Duration
Basic Academy, CS/Latents	TCJC	late 80s	4 hours
CS/Latents	PPD Academy	82-89 (ongoing)	4 hours
CS/Latents	NCTRPA	86-89 (ongoing)	6 hours
Advanced Latent Prints	Texas DPS Academy	April 85	4 hours
Advanced Latent Comparisons	PPD Academy	Spring 87	40 hours
Advanced Latent Comparisons	NCTRPA	Spring 88	40 hours
Advanced Latent Comparisons	NCTRPA	Spring 89	40 hours
Basic CS/Latents	Northland Pioneer College	Oct 89	45 hours
Basic Latent Print Development	Bisbee Police Department	Nov 89	8 hours
Basic Academy, Latent Prints	ALETA	89-97 (ongoing)	3 hours
Basic Latent Print Development	Greenlee Co. S.O.	Feb 90	8 hours
Basic CS/Latents	Northland Pioneer College	Oct 90	45 hours
Crime Scene/Latent Prints	Tucson Police Academy	1991	16 hours
Fingerprint Comparisons	SWAFS, Plano	Sept 91	8 hours
Basic CS/Latents	Northland Pioneer College	Oct 91	45 hours
Basic Latent Print Development	Mammoth Police Dept	Oct 91	8 hours
Basic Academy CS/Latents	CARLOTA	92-97 (ongoing)	4 hours
Basic Latent Print Development	Graham Co. S.O.	Feb 92	8 hours
Basic Latent Print Development	Marana Police Dept	Apr 92	8 hours
Advanced Latent Comparisons	Ontario Police Dept	Apr 92	40 hours
Expert Witness Testimony	CSDIAI, Santa Rosa	May 92	4 hours
Basic Latent Print Development	AzDPS, Sierra Vista	Sept 92	8 hours
Basic Academy CS/Latents	Eastern AZ College	Jan 93	10 hours
Advanced CS/Latents/Testimony	Trinidad & Tobago	Feb 93	80 hours
Basic Latent Print Development	San Carlos Tribal Police	June 93	8 hours
Advanced Latent Comparisons	Midland Police Dept.	Aug 93	40 hours
Advanced CS/Latent Prints	Northland Pioneer College	Oct 93	24 hours
Fingerprint Comparisons	SWAFS, Flagstaff	Oct 93	20 hours
Advanced CS/Latents/Testimony	Trinidad & Tobago	Feb 94	80 hours
Fingerprint Comparisons	CSDIAI, Yosemite	Apr 94	3 hours
Basic Latent Print Theory	US Customs, Nogales	June 94	4 hours
Advanced Latent Comparisons	Orange Co. S.O.	Aug 94	40 hours
Basic CS/Latents	Northland Pioneer College	Oct 94	45 hours
Advanced Latent Comparisons	San Francisco PD	Dec 94	40 hours
Advanced Latent Comparisons	San Diego Co. S.O.	March 95	40 hours
Public Speaking Workshop	IAI, Costa Mesa	Aug 95 (two times)	4 hours
Basic CS/Latents	Northland Pioneer College	Oct 95	45 hours
Public Speaking Workshop	SWAFS, Colorado Sprgs	Oct 95	4 hours
Advanced Latent Comparisons	Orange Co. S.O.	Oct 95	40 hours
Advanced Latent Comparisons	San Francisco PD	Dec 95	40 hours
Advanced Latent Comparisons	Conyers PD	Jan 96	40 hours
Crime Scene Processing	ALETA	Mar 96	40 hours
Advanced Latent Comparisons	Michigan State Police	Mar 96	40 hours
Advanced Latent Comparisons	Mesa PD	Apr 96	40 hours

Law Enforcement Training Performed (continued):

Topic	Agency/Location	Dates	Duration
Latent Comparison Workshop	CSDIAI, San Francisco	May 96	8 hours
Fingerprint Orientation	AFIS Users, Scottsdale	June 96	4 hours
Latent Comparison Workshop	IAI, Greensboro	July 96 (two times)	8 hours
Sticky-Side Workshop	IAI, Greensboro	July 96	4 hours
Advanced Latent Comparisons	Conyers PD	Sept 96	40 hours
Latent Print Development	AZDPS, Tucson	Oct 96	8 hours
Basic Fingerprint Comparisons	AZDPS, Tucson	Oct 96	24 hours
Advanced Latent Comparisons	Plymouth SO, MA	Nov 96	40 hours
Advanced Latent Comparisons	AZDPS, Flagstaff	Nov 96	40 hours
Basic Fingerprint Comparisons	AZDPS, Tucson	Dec 96	24 hours
Advanced Latent Comparisons	Salt Lake City, UT	Jan 97	40 hours
Advanced Latent Comparisons	Milwaukee PD	Feb 97	40 hours
Advanced Latent Comparisons	AZDPS, Tucson	Feb 97	40 hours
Print Orientation for AFIS Users	Yakima, WA	Apr 97 (two times)	4 hours
Advanced Latent Comparisons	Mesa PD	Apr 97	40 hours
Advanced Latent Comparisons	San Jose PD	May 97	40 hours
Latent Comparison Workshop	CSDIAI, Anaheim	May 97 (two times)	8 hours
Advanced Latent Comparisons	Orange Co. SO	May 97	40 hours
Latent Comparison Workshop	IAI, Danvers, MA	July 97 (two times)	8 hours
Advanced Latent Comparisons	Oakland SO, Pontiac, MI	Aug 97	40 hours
Advanced Latent Comparisons	Gresham, OR	Sept 97	40 hours
Advanced Latent Comparisons	Prince William Co, VA	Sept 97	40 hours
Advanced Latent Comparisons	Knoxville PD	Oct 97	40 hours
Basic CS/Latents	Northland Pioneer College	Nov 97	45 hours
Adv. Ridgeology Comp. Tech.	Randall Co. SO	Jan 98	40 hours
Adv. Ridgeology Comp. Tech.	Santa Barbara SO	Jan 98	40 hours
Adv. Ridgeology Comp. Tech.	Schaumburg PD, IL	Feb 98	40 hours
Adv. Ridgeology Comp. Tech.	Burbank PD	Feb 98	40 hours
Adv. Ridgeology Comp. Tech.	NYPD	Mar 98 (two times)	40 hours
Adv. Ridgeology Comp. Tech.	Mishawaka PD, IN	April 98	40 hours
Expert Witness lecture	Maricopa Co. Atty.	April 98	4 hours
Mastering Expert Testimony	Mesa PD	April 98	40 hours
Adv. Ridgeology Comp. Tech.	Mesa PD	May 98	40 hours
Mastering Expert Testimony	Conyers PD., GA	May 98	40 hours
Adv. Ridgeology Comp. Tech.	IL State Police, Chicago	June 98	40 hours
Adv. Ridgeology Comp. Tech.	Midland PD, TX	June 98	40 hours
Latent Comparison Workshop	IAI, Little Rock	July 98	8 hours
Adv. Ridgeology Comp. Tech.	LAPD, Ontario	July 98	40 hours
Adv. Ridgeology Comp. Tech.	LAPD, Burbank	Aug 98	40 hours
Adv. Ridgeology Comp. Tech.	Palm Beach Co, FL	Aug 98	40 hours
Adv. Ridgeology Comp. Tech.	Lexington, KY	Sept 98	40 hours
Adv. Ridgeology Comp. Tech.	Idaho DLE, Meridian	Sept 98	40 hours
Adv. Ridgeology Comp. Tech.	RMDIAI, Denver	Oct 98	40 hours
C.A.R.D.P.A.C.T.	Meridian, MS	Oct 98	30 hours
Adv. Ridgeology Comp. Tech.	Marysville PD, WA	Dec 98	40 hours
Adv. Ridgeology Comp. Tech.	Gastonia PD, NC	Jan 99	40 hours
Adv. Ridgeology Comp. Tech.	NYDCJS, Albany, NY	Feb 99	40 hours
Adv. Ridgeology Comp. Tech.	CBI, Lakewood, CO	April 99	40 hours
Adv. Ridgeology Comp. Tech.	IL State Police, Morton	June 99	40 hours
Adv. Ridgeology Comp. Tech.	Grossmont College, CA	Aug 99	40 hours
Adv. Ridgeology Comp. Tech.	Grossmont (Carlsbad), CA	Aug 99	40 hours
Adv. Ridgeology Comp. Tech.	SFPD	Aug 99	40 hours
Adv. Ridgeology Comp. Tech.	Ohio BCI, Bowling Green	Sept 99	40 hours
Adv. Ridgeology Comp. Tech.	West Palm Beach, FL	Sept 99	40 hours
Adv. Ridgeology Comp. Tech.	SFPD	Aug 99	40 hours
C.A.R.D.P.A.C.T.	Salem, OR	Oct 99	30 hours

Law Enforcement Training Performed (continued):

Topic	Agency/Location	Dates	Duration
Adv. Ridgeology Comp. Tech.	Montgomery Co SO, TX	Nov 99	40 hours
Adv. Ridgeology Comp. Tech.	Pittsburgh, PA	Dec 99	40 hours
Adv. Ridgeology Comp. Tech.	USINS, McLean, VA	March 00	40 hours
Adv. Ridgeology Comp. Tech.	NCTRPA, Arlington, TX	Apr 00	40 hours
Analysis of Problem Latents	NYPD	May 00 (two times)	20 hours
Adv. Ridgeology Comp. Tech.	Mesa PD	May 00	40 hours
Basic Latent Print Comp.	IL Div, IAI	May 00	8 hours
Adv. Latent Print Comp.	IL Div, IAI	May 00	8 hours
Analysis of Problem Latents	Grossmont College, CA	June 00	24 hours
Adv. Ridgeology Comp. Tech.	NLVPD, NV	June 00	40 hours
Analysis of Problem Latents	NYDCJS, Albany, NY	July 00	24 hours
Adv. Ridgeology Comp. Tech.	Hamburg, NY	Aug 00	40 hours
Analysis of Problem Latents	OSP, Salem, OR	Sept 00	24 hours
Analysis of Problem Latents	Carlsbad PD, CA	Oct 00	24 hours
Adv. Ridgeology Comp. Tech.	Santa Barbara PD, CA	Oct 00	40 hours
Adv. Ridgeology Comp. Tech.	NZP, Auckland, NZ	Oct 00	40 hours
Adv. Ridgeology Comp. Tech.	NZP, Wellington, NZ	Nov 00	40 hours
Adv. Ridgeology Comp. Tech.	NZP, Christchurch, NZ	Nov 00	40 hours
Adv. Ridgeology Comp. Tech.	SCAFO, Los Angeles, CA	Dec 00	40 hours
Analysis of Problem Latents	SCAFO, Los Angeles, CA	Dec 00	24 hours
Adv. Ridgeology Comp. Tech.	Las Vegas Metro PD, NV	Jan 01	40 hours
Adv. Ridgeology Comp. Tech.	California Crim. Institute	Feb 01	40 hours
CLPE Test Preparation	San Francisco PD, CA	Feb 01	16 hours
Analysis of Problem Latents	San Francisco PD, CA	Feb 01	24 hours
Adv. Ridgeology Comp. Tech.	Surrey, Guildford, UK	Mar 01 (two times)	40 hours
Adv. Ridgeology Comp. Tech.	NCTRPA, Arlington, TX	Apr 01	40 hours
Adv. Ridgeology Comp. Tech.	LSOP, The Netherlands	June 01 (two times)	40 hours
Analysis of Problem Latents	Thornton PD, CO	Aug 01	24 hours
Adv. Ridgeology Comp. Tech.	Gwent, South Wales, UK	Sept 01 (two times)	40 hours
C.A.R.D.P.A.C.T.	NCTRPA, Arlington, TX	Oct 01	20 hours
Analysis of Problem Latents	NTSU, Fort Worth, TX	Oct 01	24 hours
Analysis of Problem Latents	Davenport PD, Iowa	Aug 01	24 hours
Adv. Ridgeology Comp. Tech.	CCI, Sacramento, CA	Feb 02	40 hours
Daubert Lecture	SALPEA, Tucson, AZ	Apr 02	8 hours
Analysis of Problem Latents	Santa Barbara SO, CA	Mar 02	24 hours
Adv. Ridgeology Comp. Tech.	AFP, Canberra, ACT	May 02	40 hours
Adv. Ridgeology Comp. Tech.	Pago Pago, Am. Samoa	May 02	40 hours
Daubert Lecture	San Diego PD	June 02 (two times)	4 hours
Daubert Update	SALPEA, Tucson, AZ	July 02	4 hours
Daubert Update	Mesa PD	July 02	4 hours
Daubert Update	DPS, Phoenix	July 02	4 hours
Adv. Ridgeology Comp. Tech.	LAPD In-service, CA	Apr 03	40 hours
Adv. Ridgeology Comp. Tech.	SFPD In-service, CA	Apr 03	40 hours
Ridgeology, Daubert, Testimony	Tucson, AZ	Nov 03 (two times)	40 hours
Adv. Ridgeology Comp. Tech.	LASD In-Service, CA	Dec 03	40 hours
Dactyloscopia	Sonora, Mexico, A.G.	June 04	5 hours
Expert Testimony & Daubert	Tucson, AZ	Apr 05	40 hours
Fingerprints in the 21 st Century	Grayson College, TX	April 06	4 hours
SRCL Crime Lab Services	Cochise Co. Atty.	July 06	7 hours

Papers Presented to Professional Organizations:

Topic	Organization	Location	Dates
Cyanoacrylate Fuming Cabinet	FBI Symposium	Quantico, VA	July 87
Processing Ritual Crime Scenes	IAI	Sacramento, CA	July 88
Processing Ritual Crime Scenes	IAI	Pensacola, FL	June 89
Expert Witness Testimony	IAI	Pensacola, FL	June 89

Papers Presented to Professional Organizations (continued):

Topic	Organization	Location	Dates
Expert Witness Testimony	SWAssn. Forensic Sci.	Corpus Christi, TX	Nov 89
Processing Ritual Crime Scenes	Arizona Ident. Council	Phoenix, AZ	Feb 90
Ritual Crime Investigation	MS Div, IAI	Biloxi, MS	Apr 90
Expert Witness Testimony	IAI	Nashville, TN	July 90
Latents on Drug Packaging	SWAssn. Forensic Sci.	Tucson, AZ	Oct 90
Expert Witness Testimony	CSD IAI	Solvang, CA	Apr 91
Latents on Drug Packaging	TX Div, IAI	Ft. Worth, TX	June 91
Crime Scene Note Taking	IAI	St. Louis, MO	July 91
Expert Witness Testimony	FBI Academy	Quantico, VA	Feb 92
Crime Scene Note Taking	IAI	Atlantic City, NJ	July 92
Detection of Fabricated Latents	CSD IAI	Los Angeles, CA	May 93
Crime Scene Note Taking	Arizona Ident. Council	Scottsdale, AZ	June 93
Detection of Fabricated Latents	IAI	Orlando, FL	July 93
Detection of Fabricated Latents	SWAssn. Forensic Sci.	Flagstaff, AZ	Oct 93
Detection of Fabricated Latents	CSD IAI	Yosemite, CA	April 94
Detection of Fabricated Latents	TX Div, IAI	Corpus Christi, TX	June 94
Harry Oakes Murder	IAI	Phoenix, AZ	July 94
Harry Oakes Murder	SWAssn. Forensic Sci.	Houston, TX	Nov 94
Harry Oakes Murder	LASO Forensic Seminar	Los Angeles, CA	May 95
Prevention of Fabrication	Israel National Police	Ne'urim, Israel	June 95
Prevention of Fabrication	IAI	Costa Mesa, CA	Aug 95
Latent Print Test Panel Discussion	IAI	Costa Mesa, CA	Aug 95
Finger Determination	Pacific NW Div, IAI	Ocean Shores, WA	May 96
Prevention of Fabrication	CSD IAI	Anaheim, CA	May 97
Harry Oakes Murder	TX Div, IAI	Austin, TX	June 97
Harry Oakes Murder	FL Div, IAI	Palm Beach Gardens, FL	Oct 97
Prevention of Fabrication	FL Div, IAI	Palm Beach Gardens, FL	Oct 97
Prevention of Fabrication	MO Div, IAI	Lake of the Ozarks, MO	Oct 97
Cosmetic Glove Defense	IAI	Little Rock, AR	July 98
Harry Oakes Murder	IAI	Little Rock, AR	July 98
Harry Oakes Murder	Fingerprint Society	Liverpool, England	March 99
Erroneous Identification	Pacific NW Div, IAI	Sunriver, OR	May 99
Erroneous Identification	IAI	Milwaukee, WI	July 99
Scientific Fingerprint Comparison	Fingerprint Society	Liverpool, England	March 00
Expert Witness Testimony	Fingerprint Society	Liverpool, England	March 00
Erroneous Identifications	CSD IAI	Laughlin, NV	May 00
Problem Latent Analysis	CSD IAI	Laughlin, NV	May 00
Erroneous Identifications	IL Div, IAI	St. Charles, IL	May 00
Problem Latent Analysis	CSD IAI	Concord, CA (two times)	May 01
Fabrication Case	CSD IAI	Concord, CA	May 01
Problem Latent Analysis	PNWIAI	Boise, ID	May 01
Daubert Approaches	PNWIAI	Boise, ID	May 01
Erroneous Identifications	PNWIAI	Boise, ID	May 01
SWGFAST Panel Discussion	PNWIAI	Boise, ID	May 01
Cosmetic Glove Defense	PNWIAI	Boise, ID	May 01
Scientific Exam, Glove Defense	Century Conference NSY	London, UK	June 01
Keynote: Scientific Identification	ANZFSS	Canberra, Australia	May 02
Erroneous Identifications	ANZFSS	Canberra, Australia	May 02
Level Three Workshop	ANZFSS	Canberra, Australia	May 02
Westerfield (van Dam) Case	IAI	Las Vegas, NV	Aug 02
FP Training Panel Discussion	IAI	Las Vegas, NV	Aug 02
LP Forge/Fab. & Oakes Murder	SCDIAI	Columbia, SC	Sept 02
Scotland Cases & Ethics	SCDIAI	Columbia, SC	Sept 02
Daubert, Science, & Westerfield	SCDIAI	Columbia, SC	Sept 02
Science & the Westerfield case	SCAFO	Covina, CA	Oct 02
SWGFAST Panel Group	SCAFO	Covina, CA	Oct 02

Papers Presented to Professional Organizations (continued):

Topic	Organization	Location	Dates
Harry Oakes Case	FDIAI	Destin, FL	Nov 02
Applied Science Formula	FDIAI	Destin, FL	Nov 02
Westerfield case (two times)	FDIAI	Destin, FL	Nov 02
Westerfield case	CSDIAI	Palm Springs, CA	May 03
Routier case	CSDIAI	Palm Springs, CA	May 03
Applied Science Formula	TDIAI	Galveston, TX	June 03
Westerfield & Testimony	TDIAI	Galveston, TX	June 03
Expert Testimony	AIC	Prescott, AZ	Oct 04
F.R.E., Rule 16	ABFDE	Las Vegas, NV	Oct 04
Harry Oakes Case	Canadian Ident. Society	Calgary, Canada	July 05
Daubert Hearing	Canadian Ident. Society	Calgary, Canada	July 05
Westerfield case	Canadian Ident. Society	Calgary, Canada	July 05
Daubert Debate with Simon Cole	New England Div. IAI	Burlington, VT	Nov 05
Daubert Panel Discussion	New England Div. IAI	Burlington, VT	Nov 05
Fingerprint Fabrication	New England Div. IAI	Burlington, VT	Nov 05
Harry Oakes Mystery	New England Div. IAI	Burlington, VT	Nov 05
McKie Update	California State Div. IAI	Ontario, CA	May 06
Harry Oakes Mystery	California State Div. IAI	Ontario, CA	May 06
Daubert Debate with Simon Cole	California State Div. IAI	Ontario, CA	May 06
Daubert Panel Discussion	California State Div. IAI	Ontario, CA	May 06
Testimony/Speaking Workshop	IAI	Boston, MA (two times)	July 06
CLPE Preparation Workshop	IAI	Boston, MA (two times)	July 06
CLPE Preparation lecture	IAI	Boston, MA	July 06
McKie Case Update	IAI	Boston, MA	July 06
Keynote Speaker: Ethics	Toronto Police Conf.	Toronto, Canada	Feb 07
Testimony Workshop	Toronto Police Conf.	Toronto, Canada	Feb 07
Comparison Workshop	Toronto Police Conf.	Toronto, Canada	Feb 07
Daubert Update	Toronto Police Conf.	Toronto, Canada	Feb 07
Daubert Debate & Panel	Chesapeake Bay, IAI	Cumberland, MD	March 07
Evidence Fabrication Case Study	Chesapeake Bay, IAI	Cumberland, MD	March 07

Papers Published:

Title	Publication	Date
Explaining Fingerprints to the Layperson	OK Div, IAI, Newsletter	Apr 87
Practical Design for Cyanoacrylate Fuming Cabinet	Proceedings, FBI Symposium	July 87
Processing Ritual Crime Scenes	Journal of Forensic Identification	March 89
Qualifying as an Expert Fingerprint Witness	Journal of Forensic Identification	May 90
Crime Scene Note Taking	Journal of Forensic Identification	May 92
Detection of Forged and Fabricated Latents	Journal of Forensic Identification	Nov 93
Integrity Assurance: Prevention of Fabrication	Proceedings, Israel Police Symposium	June 95
The Ability Equation	Journal of Forensic Identification	March 96
Letter to the Editor	Fingerprint Whorld	April 97
Latent Print Fabrication: Problem and Prevention	various IAI regional publications	1997
Ninhydrin: Basic to Advanced	various IAI regional publications	1997
Training in Transition: Obstacle or Opportunity?	Journal of Forensic Identification	Jan 98
Integrity Assurance: Prevention of Fabrication	Journal of Forensic Identification	July 98
Position Reversals	various IAI regional publications	1998
12-Part Series on Latent Print Development	Minutiae	1997-1999
Inked Major Case Prints	Journal of Forensic Identification	Sept 99
Murder of Sir Harry Oakes	Fingerprint Whorld	Jan 00
Scientific Comparison and Identification	Fingerprint Whorld	July 00
Breastworks and Arrows	Journal of Forensic Identification	Sept 01
Featured Interview	Evidence Technology Magazine	May/June 06
CLPE Test Preparation	The Weekly Detail #300	May 07

Professional Certifications, Association Memberships, Awards, and Significant Testimony:

Certifications and Awards:

Certified Latent Print Examiner, by the International Association for Identification
Tested and certified, 1981; voluntarily retested and certified, 1996, 1999, 2002, and 2005
Certified Senior Crime Scene Analyst, by International Association for Identification
Instructor Certification, by Texas Commission on Law Enforcement Officer Standards and Education (TCLEOSE)
Basic, Intermediate, and Advanced Law Enforcement Officer Certification, by TCLEOSE
Permanent License as a Peace Officer, by TCLEOSE (1973-1986)
Best Paper Award, Fall Meeting 1989, Southwestern Association of Forensic Scientists
Director's Award for Law Enforcement, 2002, Oklahoma State Bureau of Investigation
Special Recognition Award, 2007, Arizona Department of Public Safety Crime Laboratory

Association Memberships:

International Association for Identification, 1980-present
Distinguished Member; Life Sustaining Member.
Crime Scene Subcommittee, 1985-1989; Crime Scene Certification Board, Chairman, 1989-1992.
Editorial Review Board, *Journal of Forensic Identification*, 1991-present.
Board of Directors, 1992-1994.
Sixth Vice President, 1995; Fifth Vice President, 1996; Fourth Vice President, 1997.
Librarian, 1995-1999
Texas Division of the International Association for Identification, 1980-present
Latent Print Certification Committee, 1982-1985, Chairman, 1984-1985
Board of Directors, 1985-1988; Second Vice President, 1988-1999.
California State Division of the International Association for Identification 1989-present
Pacific Northwest Division of the International Association for Identification (expired).
Fingerprint Society (expired); Fellow of the Fingerprint Society.
Canadian Identification Society (expired).
Southwestern Association of Forensic Scientists, Distinguished Member; Board of Directors, 1993-1994
Scientific Working Group on Frictionridge Analysis, Study, and Technology, April, 1996-present; 17 sessions.

Significant Case Trial Testimony:

John Patrick Eastlack case, Tucson, AZ: Capital Homicide charge based on fingerprints (prosecution), 1989.
Jeannie Tovrea murder, Phoenix, AZ: Capital Homicide with prosthetic glove defense (prosecution), 1997.
Shirley McKie case, Glasgow, Scotland: Erroneous identification, "16 point" challenge (defense), 1999.
Byron Mitchell case, Federal District Court, Philadelphia, PA: Daubert hearing consultant (prosecution), 1999.
Alan McNamara case, Manchester, England: Erroneously labeled latent lift challenge (defense), 2001.
Danielle van Dam murder (David Westerfield): Capital Homicide, San Diego PD (prosecution), 2002.
Frederick Jerome Taylor case: Armed Robbery, fabrication of evidence defense, LAPD (prosecution), 2003.
LeBlanc/McLaughlin case (Cowans, Boston PD erroneous ident): Perjury, Grand Jury, Boston (prosecution), 2004.
Jaime Isla Pena case, San Diego County District Court, Daubert/Frye hearing (prosecution), 2005.
Shirley McKie case, Edinburgh, Scotland: Testimony before Scottish Parliament, June 2006.
Fred van der Vyver case, Cape Town, South Africa: Fabricated Evidence (defense), August 2007.

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