



## Alice V. White

Alice White was employed by law enforcement agencies for over twenty years. During those years she dedicated herself to the exploration of some of the most difficult challenges in the latent print discipline: defining suitability criteria, broadening conclusion ranges, embracing a human factors approach to quality assurance and management, dissecting distortion interpretation, developing grading metrics for complex tasks during training and proficiency testing, and revolutionizing testimony training. Alice is a life-long learner and shares her knowledge and experiences through active participation in working groups and through the courses she teaches around the globe.

### EDUCATION

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<b>Bachelor of Science, Biology</b>	University of Alaska, Anchorage	August 1994
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### EMPLOYMENT

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#### Founder and Owner

Evolve Forensics, Las Vegas, NV	2006 - Present
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Alice is a contract instructor and consultant in latent print examination, forensic laboratory accreditation, latent print training and laboratory management. Evolve Forensics was officially established in 2014, however Alice has been a contract instructor as a sole proprietor or LLC since 2006.

#### Forensic Laboratory Manager

Las Vegas Metropolitan Police Department, Las Vegas, NV	2006 - 2018
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Alice was the Forensic Laboratory Manager of the Latent Print Detail of the Forensic Laboratory. Responsibilities included: hiring, training and supervising staff; triaging, assigning and reviewing casework; drafting, editing and adopting policies and procedures; interpreting, maintaining and auditing accreditation standards; training criminal investigators, prosecutors, defense attorneys, and other law enforcement agencies; proposing, testing, and adopting biometric system upgrades; and submitting, managing, and completing State and Federal grants.

#### Latent Print Examiner

Las Vegas Metropolitan Police Department, Las Vegas, NV	2002 - 2006
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Alice was a Latent Print Examiner in the Forensic Laboratory. Responsibilities included completion of processing and comparison cases, database searches, court testimony and training criminal investigators, prosecutors, defense attorneys, and other law enforcement agencies.

#### Crime Scene Analyst

Henderson Police Department, Henderson, NV	2001 - 2002
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Alice was a Crime Scene Analyst in the Criminalistics Bureau. Responsibilities included completion of processing and comparison cases, database searches, crime scene investigation, and court testimony.

#### Latent Print Examiner

State of Alaska Scientific Crime Detection Laboratory, Anchorage, AK	1997 - 2001
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Alice was a Latent Print Examiner in the State of Alaska Scientific Crime Detection Laboratory. Responsibilities included completion of processing and comparison cases, database searches, crime scene investigation, court testimony, and training criminal investigators.

## TESTIMONY EXPERIENCE

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<b>Clark County District Court</b>	Latent Print Examination	31 Testimonies
<b>Clark County Grand Jury</b>	Latent Print Examination	12 Testimonies
<b>Clark County Justice Court</b>	Latent Print Examination	11 Testimonies
<b>US District Court, District of NV</b>	Latent Print Examination	9 Testimonies
<b>Alaska Superior Court</b>	Latent Print Examination/Crime Scene	5 Testimonies
<b>Alaska Grand Jury</b>	Latent Print Examination/Crime Scene	2 Testimonies

## CERTIFICATIONS AND AWARDS

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<b>Distinguished Member</b> , International Association for Identification	2004 - Present
<b>Certified Latent Print Examiner</b> , International Association for Identification (LP#2487/00-50)	2001 - Present
<b>Certified Crime Scene Analyst</b> , International Association for Identification	2000 - 2003

## PROFESSIONAL AFFILIATIONS

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<b>Footwear and Tire Consensus Body</b> , American Academy of Forensic Science Standards Board	2021 - Present
<b>Friction Ridge Subcommittee</b> , Organization of Scientific Area Committees	2015 - Present
<b>Journal of Forensic Identification Editorial Review Board</b> , International Association for Identification	2007 - Present
<b>International Association for Identification</b> (Member #15857)	1997 - Present
<b>Friction Ridge Consensus Body</b> , American Academy of Forensic Science Standards Board	2016 - 2018
<b>Human Factors in Forensic Practice Sourcebook Working Group</b> , RTI	2016 - 2021
<b>ANSI-ASQ National Accreditation Board</b> , Technical Assessor - Latent Prints	2018 - 2021
<b>Technical Advisory Committee</b> , ASCLD/LAB	2014 - 2017
<b>American Society of Crime Laboratory Directors</b> (Member #12225)	2010 - 2019
<b>Expert Working Group on Human Factors in Latent Print Analysis</b> , National Institute of Standards and Technology	2008 - 2012
<b>General Forensics Technical Working Group</b> , National Institute of Justice	2007 - 2009
<b>The Fingerprint Society</b>	2002 - 2007
<b>Scientific Working Group on Friction Ridge Analysis, Study and Technology</b> National Institute of Justice	2001 - 2014

## TECHNICAL LABORATORY ASSESSMENTS

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ISO 17025	2 Assessment
ISO 17020	1 Assessment

## PUBLICATIONS

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- White, Alice. "Features of the Friction Ridge Skin: Attributes, Diagnosticity, and Limitations". *Journal of Forensic Identification. Draft for Publication 2022*
- Maceo, A., Carter, M., Stromback, B. "Palm Prints". *Encyclopedia of Forensic Science 2nd Edition*, Elsevier, Editor-In-Chief Jay Seigel, 2013
- Maceo, Alice. "Managing Latent-Print Errors". *Evidence Technology Magazine*. May-June 2011
- Maceo, Alice. "Documenting and Reporting Inconclusive Results", *Journal of Forensic Identification*, 61 (3):227-231, 2011
- Maceo, Alice. "Friction Ridge Examination: ACE-V Documentation". *Encyclopedia of Forensic Science*, John Wiley & Sons, Editors-In-Chief Allan Jamieson and Andre Moenssens, 2011
- Maceo, Alice. "Qualitative Assessment of Skin Deformation: A Pilot Study", *Journal of Forensic Identification*, 59(4):390-440, 2009
- Maceo, Alice. "Friction Ridge Skin - Morphogenesis and Overview". *Encyclopedia of Forensic Science*, John Wiley & Sons, Editors-In-Chief Allan Jamieson and Andre Moenssens, 2009
- Maceo, Alice. "Documentation of Friction Ridge Impressions: From the Scene to the Conclusion". *Fingerprint Sourcebook* Chapter 11, West Virginia University, 2010
- Maceo, Alice. "Anatomy and Physiology of Adult Friction Ridge Skin". *Fingerprint Sourcebook* Chapter 2, West Virginia University, 2010
- Maceo, Alice. "Scars in the Friction Ridge Skin", *Evidence Technology Magazine*, pp 26-28, July 2005
- Maceo, Alice. "The Basis for the Uniqueness and Persistence of Scars in the Friction Ridge Skin", *Fingerprint Whorld*, 31(121):147-161, 2005
- Maceo, Alice. "The Biology of Skin", *Journal of Forensic Identification*, 53(5):585-595, 2003
- Wertheim, Kasey and Maceo, Alice. "The Critical Stage of Friction Ridge and Pattern Formation", *Journal of Forensic Identification*, 52(1):23-73, 2002
- Maceo, Alice and Wertheim, Kasey. "Use of Ninhydrin in the Recovery of Latent Prints on Adhesive Surfaces Attached to Porous Surfaces", *Journal of Forensic Identification*, 50(6):581-594, 2000

## **LIVE ONLINE COURSES TAUGHT BY ALICE WHITE**

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### **Discriminating Power of Friction Ridge Arrangements (4 hours)**

03/31/2020	06/24/2020
04/01/2020	08/26/2020
04/02/2020	10/06/2020
04/14/2020	12/01/2020
04/15/2020	01/07/2021
05/04/2020	03/09/2021
05/14/2020	05/13/2021
05/27/2020	08/17/2021

### **Examination of Friction Ridge Impressions (4 hours)**

04/07/2020	03/31/2021
04/08/2020	05/11/2021
05/12/2020	06/29/2021
06/25/2020	
06/29/2020	
07/07/2020	
10/13/2020	
01/05/2021	

### **Limits of Persistency in Friction Ridge Skin (4 hours)**

04/21/2020	10/08/2020
04/22/2020	12/03/2020
04/23/2020	01/13/2021
05/11/2020	03/11/2021
05/21/2020	05/19/2021
06/30/2020	06/03/2021
07/09/2020	08/19/2021
09/01/2020	

### **Basic Fingerprint Distortion (4 hours)**

05/05/2020	09/08/2020
05/13/2020	10/20/2020
05/15/2020	12/08/2020
05/18/2020	01/19/2021
05/20/2020	03/17/2021
06/15/2020	05/25/2021
07/02/2020	08/31/2021
07/14/2020	

## **LIVE ONLINE COURSES TAUGHT BY ALICE WHITE (CONTINUED)**

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### **Importance of Expertise in Friction Ridge Examinations (4 hours)**

05/06/2020	10/14/2020
05/19/2020	12/15/2020
05/28/2020	02/17/2021
06/23/2020	03/25/2021
07/01/2020	06/02/2021
07/20/2020	08/18/2021
07/23/2020	

### **Advanced Fingerprint Distortion (4 hours)**

05/07/2020	09/23/2020
05/26/2020	10/21/2020
06/22/2020	12/09/2020
07/06/2020	02/09/2021
07/08/2020	03/31/2021
07/16/2020	06/08/2021
07/22/2020	11/10/2021

### **Tonal Transitions: Causes and Visual Effects (4 hours)**

06/16/2020	10/22/2020	11/18/2021
06/17/2020	10/30/2020	
06/18/2020	11/04/2020	
07/13/2020	12/10/2020	
07/15/2020	02/23/2021	
07/21/2020	04/08/2021	
09/30/2020	06/11/2021	

### **Introduction to Palm Prints (24 hours)**

09/14/2020 - 09/17/2020  
10/26/2020 - 10/29/2020  
04/19/2021 - 04/22/2021  
07/12/2021 - 07/15/2021

## **LIVE ONLINE COURSES TAUGHT BY ALICE WHITE (CONTINUED)**

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### **Comparative Dermatoglyphics: Fingers, Palms, and Feet (16 hours)**

07/06/2021 - 07/08/2021

### **Building a Friction Ridge Training Program (16 hours)**

09/07/2021 - 09/10/2021

### **Establishing & Implementing Latent Print Suitability Criteria (24 hours)**

10/18/2021 - 10/22/2021



## **LIVE ONLINE COURSES TAUGHT BY ALICE WHITE (CONTINUED)**

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### **Error Rates, Human Factors, & Quality Management Systems (4 hours)**

09/22/2020  
10/15/2020  
12/17/2020  
02/25/2021  
04/06/2021  
06/10/2021  
11/16/2021

### **Modeling Fingerprint Minutiae (4 hours)**

09/24/2020  
10/07/2020  
12/16/2020  
01/21/2021  
04/14/2021  
06/07/2021  
11/09/2021

### **The Trouble with Exclusions (4 hours)**

09/29/2020  
10/19/2020  
02/11/2021  
03/23/2021  
05/27/2021  
09/02/2021

### **Landmark-Based Morphometrics (4 hours)**

06/16/2021  
06/30/2021  
08/25/2021  
11/17/2021

### **Limits of Uniqueness of Friction Ridge Impressions (4 hours)**

07/01/2021  
08/20/2021  
09/01/2021

## **ON-SITE COURSES TAUGHT BY ALICE WHITE**

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### **Essentials of Latent Print Testimony**

Dulles, VA

9/20-9/24/2021

### **Difficult Latent Print Comparisons**

### **Distortion Interpretation and Feature Distributions**



## ON-SITE COURSES TAUGHT BY ALICE WHITE

### Analysis of Distortion in Latent Prints

Glendale, CA	1/27-1/29/2020	Copenhagen, Denmark	5/12-5/13/2014
NYC, NY	12/17-12/19/2019	New York City, NY	5/6-5/7/2014
Phoenix, AZ	11/12-11/14/2019	Austin, TX	3/13-3/14/2014
Peel, ON, Canada	11/4-11/6/2019	Ottawa, Canada	2/13/2014
Frisco, TX	10/28-10/30/2019	Sandy City, UT	9/26-9/27/2013
Spokane, WA	10/14-10/16/2019	Baton Rouge, LA	8/15-8/16/2013
Seattle, WA	9/23-9/25/2019	San Mateo, CA	6/20-6/21/2013
Nanaimo, BC, Canada	9/17-9/19/2019	Orange County, CA	5/7-5/8/2013
Vancouver, BC, Canada	9/12-9/15/2019	Carrollton, TX	3/28-3/29/2013
Vancouver, BC, Canada	9/9-9/11/2019	Cleveland, OH	2/11-2/12/2013
Meridian, ID	5/17-5/19/2019	Ontario, Canada (OPC)	6/4-6/5/2012
Ft. Worth, TX	4/8-4/9/2019	Hillsboro, Oregon	4/26-4/27/2012
Topeka, KS	2/25-2/26/2019	Nashville, TN	3/29-3/30/2012
Westminster, MD	2/14-2/15/2019	Edmonton, Canada	2/16-2/17/2012
Napa, CA	1/10-1/11/2019	Worcester, MA	10/27-10/28/2011
Modesto, CA	12/3-12/4/2018	Wolverhampton, England	4/11-4/12/2011
Edmonton, AB, Canada	10/30-10/31/2018	Ottawa, Canada	2/2-2/3, 2011
Denver, CO	9/12-9/13/2018	Ventura County, CA	11/12/2010
San Antonio, TX	7/31-8/1/2018	San Diego, CA	10/28-10/29/2010
Kissimmee, FL	6/21-6/22/2018	Clarksburg, VA (CJIS)	8/23-8/24/2010
Clackamas, OR	6/4-6/5/2018	Clarksburg, VA (CJIS)	8/19-8/20/2010
El Cajon, CA	5/17-5/18/2018	Los Angeles, CA	7/8-7/9/2010
Detroit, MI	4/19-4/20/2018	Detroit, MI	5/13-5/14/2010
Charleston, SC	4/16-4/17/2018	Sacramento, CA	4/15-4/16/2010
Baltimore, MD	3/26-3/27/2018	Denver, CO	3/5-3/6/2010
Madison, WI	10/19-10/20/2017	Fort Collins, CO	12/10-12/11/2009
Boston, MA	6/19-6/20/2017	Greenwood, IN	10/15-10/16/2009
Washington DC	6/15-6/16/2017	King County, WA	7/23-24/2009
Jacksonville, FL	6/12-6/13/2017	Los Angeles, CA	4/17/2009
Minneapolis, MN	6/4-6/5/2017	Los Angeles, CA	4/16/2009
Durham, NC	8/24-8/25/2016	Los Angeles, CA	4/15/2009
Quantico, VA (FBI)	6/13-6/14/2016	San Bernardino, CA	3/19-3/20/2009
Owensboro, KY	4/21-4/22/2016	Clackamas, OR	2/19-2/20/2009
Peel, Canada	2/29-3/1/2016	Las Vegas, NV	2/9-2/10/2009
Santa Clara, CA	2/25-2/26/2016	Sacramento, CA	1/22-1/23/2009
Fort Meyers, FL	1/28-1/29/2016	St. Paul, MN	6/26-6/27/2008
Fort Pierce, FL	11/9-11/10/2015	Quantico, VA (FBI)	5/29-5/30/2008
Phoenix, AZ	9/24-9/25/2015	London, OH	1/24-1/25/2008
Carrollton, TX	8/24-8/25/2015	San Dimas, CA	8/9-8/10/2007
Omaha, NE	5/21-5/22/2015	Martinez, CA	5/31-6/1/2007
Indianapolis, IN	4/23-4/24/2015	Las Vegas, NV	5/14-5/15/2007
Atlanta, GA	3/12-3/13/2015	Albany, NY	5/3-5/4/2007
Seattle, WA	10/23-10/24/2014	Mesa, AZ	3/19-3/20/2007
Edmonton, Canada	9/4-9/5/2014	Zoetermeer, Netherlands	12/18-12/19/2006
Calgary, Canada	9/2-9/3/2014		

**ON-SITE COURSES TAUGHT BY ALICE WHITE (CONTINUED)**

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**Essentials of Latent Print Examination: Establishing Admissibility**

McLean, VA	2/10-2/14/2020	Sanford, FL	1/28-2/1/2019
Round Rock, TX	2/3-2/7/2020	Houston, TX	10/15-10/19/2018
Austin, TX	12/9-12/13/2019	Spokane, WA	10/1-10/5/2018
Phoenix, AZ	11/18-11/22/2019	Omaha, NE	9/24-9/28/2018
Denver, CO	10/21-10/25/2019	Winnipeg, Canada	3/19-3/23/2018
San Jose, CA	3/18-3/22/2019	Seattle, WA	2/5-2/9/2018
Kansas City, MO	3/4-3/8/2019	Nashville, TN	4/17-4/21/2017

**Power Palm Prints**

Copenhagen, Denmark	1/8-1/10/2020	Martinez, CA	10/5-10/6/2017
Copenhagen, Denmark	1/13-1/15/2020	Ottawa, Canada	2/14/2014
Calgary, AB, Canada	10/7-10/9/2019		
Omaha, NE	8/26-8/28/2019		

**Short Courses**

2/12/2019	Seeing Through the Noise; Owingsmills, MD
2/12/2019	Error Rates, Confidence Intervals, and PCAST; Owingsmills, MD
2/22/2019	Difficult Latent Print Decisions; Little Rock, AR

**Other Courses**

- "Difficult Latent Latent Print Decisions" - Online conversion February 22 - March 18, 2021
- "Level 3 Fingerprint Course", Derbyshire, England, March 2-6, 2020
- "Level 3 Fingerprint Course", Derbyshire, England, February 24-28, 2020
- "Level 3 Fingerprint Course", Bern, Switzerland, May 20-24, 2019
- "Level 3 Fingerprint Course", Bern, Switzerland, May 13-17, 2019
- "Accreditation and Latent Prints", Chicago, IL, September 7, 2017
- "Level 3 Fingerprint Course", Bern, Switzerland, November 11-15, 2013
- "Level 3 Fingerprint Course", Lausanne, Switzerland, November 4-8, 2013

## CONFERENCE LECTURES AND WORKSHOPS PROVIDED BY ALICE WHITE

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**Keynote Address:** Cycle of Seasons within a Career, Chesapeake Bay Division IAI, 11/8/2021

**Lecture:** Exploring the Limits of Uniqueness in Friction Ridge Impressions, Illinois IAI Conference, 10/19/2021

**Lecture:** Exploring the Limits of Uniqueness in Friction Ridge Impressions, Indiana IAI Conference, 10/13/2021

**Lecture:** Systems Approach to Errors, North Carolina IAI Conference, 09/30/2021

**Lecture:** Exploring the Limits of Persistency in Friction Ridge Skin, North Carolina IAI Conference, 09/29/2021

**Lecture:** Exploring the Limits of Uniqueness in Friction Ridge Impressions, North Carolina IAI Conference, 09/29/2021

**Lecture:** Human Factors and Latent Print/Tenprint Operations, IDEMIA Public Security Users Conference, 09/16/2021

**Lecture:** Developing Visual Expertise Friction Ridge Examiners, IDEMIA Public Security Users Conference, 09/16/2021

**Lecture:** Exploring the Limits of Uniqueness in Friction Ridge Impressions, IDEMIA Public Security Users Conference, 09/14/2021

**Lecture:** Exploring the Limits of Persistency in Friction Ridge Skin, IDEMIA Public Security Users Conference, 09/14/2021

**Panel Discussion:** Student Program: What Supervisors Look for in a Future Hire, IAI, Nashville, TN, 08/05/2021

**Lecture:** Exploring the Limits of Persistency in Friction Ridge Skin, IAI, Nashville, TN, 08/03/2021

**Lecture:** Exploring the Limits of Uniqueness in Friction Ridge Impressions, IAI, Nashville, TN, 08/03/2021

## CONFERENCE LECTURES AND WORKSHOPS PROVIDED BY ALICE WHITE

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**Lecture:** Exploring the Limits of Uniqueness in Friction Ridge Impressions, Louisiana Division of the IAI, 06/09/2021

**Lecture:** Exploring the Limits of Uniqueness in Friction Ridge Impressions, Texas Division of the IAI, 06/04/2021

**Lecture:** Exploring the Limits of Persitency in Friction Ridge Skin, Texas Division of the IAI, 06/03/2021

**Lecture:** Exploring the Limits of Persitency in Friction Ridge Skin, California State Division of the IAI, 04/15/2021

**Lecture:** Exploring the Limits of Uniqueness in Friction Ridge Impressions, California State Division of the IAI, 04/15/2021

**Lecture:** Features of the Friction Ridge Skin, New England IAI, 03/10/2021

**Lecture:** Exploring the Limits of Uniqueness in Friction Ridge Impressions, California Study Group, 2/10/2021

**Lecture:** Features of the Friction Ridge Skin, California Study Group, 11/18/2020

**Lecture:** Features of the Friction Ridge Skin, Chesapeake Bay Division IAI, 09/24/2020

**Workshop:** Introduction to Palm Prints, IAI, Reno, NV 8/15/2019

**Lecture:** Articulating the ACE-V Process in Friction Ridge Examinations, IAI, Reno, NV 8/14/2019

**Workshop:** Latent Print Training: Building Your Lab's Future, IAI, Reno, NV 8/14/2019

**Workshop:** Seeing Through the Noise, IAI, Reno, NV 8/13/2019

**Workshop:** Biological Distortion in Fingerprints, IAI, Reno, NV 8/13/2019

**Lecture:** Methods of Testimony Training and Assessment, IDEMIA User's Conference, San Diego, CA 5/2/2019

**Workshop:** Seeing Through the Noise, IDEMIA User's Conference, San Diego, CA 5/2/2019

## CONFERENCE LECTURES AND WORKSHOPS PROVIDED BY ALICE WHITE (CONTINUED)

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- Lecture:** Methods of Testimony Training and Assessment, CSDIAI, Burlingame, CA 4/19/2019
- Lecture:** Developing Grading Rubrics for Latent Print Examination, CSDIAI, Burlingame, CA 4/19/2019
- Lecture:** Systems Approach to Investigating Errors, CSDIAI, Burlingame, CA 4/18/2019
- Workshop:** Seeing Through the Noise, CSDIAI, Burlingame, CA 4/18/2019
- Lecture:** Palm Prints, Indiana University Psychology Program, Bloomington, IN 11/5/2018
- Workshop:** Biological Distortion, Western States IAI Conference, Las Vegas, NV, May 4, 2018
- Lecture:** Developing Grading Rubrics for Latent Print Examination Training, Western States IAI Conference, Las Vegas, NV, May 3, 2018
- Lecture:** Methods of Testimony Training and Assessment in Latent Prints, Western States IAI Conference, Las Vegas, NV, May 2, 2018
- Lecture:** Punctuated Equilibrium: Evolution of the Latent Print Discipline, South Carolina Division IAI Conference, Charleston, SC, April 18, 2018
- Workshop:** "Latent Print Training Programs - Building Your Lab's Future", IAI Educational Conference, Atlanta, GA, August 10, 2017
- Workshop:** "Biological Distortion", IAI Educational Conference, Atlanta, GA, August 8, 2017
- Workshop:** "Impossible Decisions", Texas Division IAI Conference, Fort Worth, TX, June 30, 2017
- Workshop:** "Palm Prints", European Union IAI Conference, Interpol Headquarters, Lyon, France, October 21, 2016
- Lecture:** "Why is There a White Line in This Print?", European Union IAI Conference, Interpol Headquarters, Lyon, France, October 21, 2016
- Workshop:** "Impossible Decisions", European Union IAI Conference, Interpol Headquarters, Lyon, France, October 20, 2016
- Lecture:** "Impossible Decisions", Texas Division IAI Conference, Galveston, TX, June 3, 2016
- Lecture:** "Why is There a White Line in This Print", Texas Division IAI Conference, Galveston, TX, June 3, 2016
- Lecture:** "Complexity and Documentation in Latent Prints", Morphotrak User's Conference, Costa Mesa, CA, May 26, 2016
- Lecture:** "Punctuated Equilibrium: Evolution of the Latent Print Discipline", Morphotrak User's Conference, Costa Mesa, CA, May 26, 2016
- Lecture:** "Introduction to Latent Print Evidence", Clark County District Attorney's Office, Las Vegas, NV, March 5, 2016
- Lecture:** "Complexity and Documentation in Latent Prints", European Union IAI Webinar, November 6, 2015
- Workshop:** "Palm Prints", Cogent User's Conference, Rohnert Park, CA, November 2, 2015
- Lecture:** "Latent Print Basics", Clark County District Attorney's Office, Las Vegas, NV, October 22, 2015
- Lecture:** "Complexity and Documentation in Latent Prints", SCAFO, Temecula, CA, October 9, 2015
- Lecture:** "Palm Pattern Distributions", SCAFO, Temecula, CA, October 9, 2015
- Lecture:** "Punctuated Equilibrium: Evolution of the Latent Print Discipline", SCAFO, Temecula, CA, October 9, 2015



## CONFERENCE LECTURES AND WORKSHOPS PROVIDED BY ALICE WHITE (CONTINUED)

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**Panel Discussion:** "Exploring the Exclusions Decision in Latent Print Examination", IAI Centennial Educational Conference, Sacramento, CA, August 5, 2015

**Lecture:** "Complexity and Documentation in Latent Prints", IAI Centennial Educational Conference, Sacramento, CA, August 3, 2015

**Lecture:** "Punctuated Equilibrium: Evolution of the Latent Print Discipline", Texas Division IAI Conference, Austin, TX, June 20, 2015

**Lecture:** "Palm Pattern Distributions", Texas Division IAI Conference, Austin, TX, June 19, 2015

**Workshop:** "Latent Print Suitability for Crime Scene Analysts", Las Vegas Metropolitan Police Department, Las Vegas, NV, July 2, 2014

**Lecture:** "Punctuated Equilibrium: Evolution of the Latent Print Discipline", Texas Division IAI Conference, San Antonio, TX, June 14, 2014

**Lecture:** "Punctuated Equilibrium: Evolution of the Latent Print Discipline", California Division IAI Conference, Riverside, CA, May 2, 2014

**Lecture:** "Punctuated Equilibrium: Evolution of the Latent Print Discipline", Innocence Project California, San Diego, CA, December 6, 2013

**Lecture:** "Punctuated Equilibrium: Evolution of the Latent Print Discipline", Cogent User Group International Conference, San Juan, Puerto Rico, October 28, 2013

**Lecture:** "Developing Suitability Criteria for Latent Prints", Los Angeles Sheriff's Department, Los Angeles, CA, September 13, 2013

**Lecture:** "Residue Distortion in Latent Prints", Texas Division IAI Conference, Dallas, TX, June 6, 2013

**Lecture:** "Palm Pattern Distributions", Texas Division IAI Conference, Dallas, TX, June 5, 2013

**Lecture:** "Biological Distortion in Fingerprints", Texas Division IAI Conference, Dallas, TX, June 4, 2013

**Workshop:** "Analysis of Distortion in Latent Prints", California Division IAI Conference, Sacramento, CA, May 3, 2013

**Lecture:** "Documenting and Reporting Inconclusive Results", California Division IAI Conference, Sacramento, CA, May 3, 2013

**Lecture:** "Developing Suitability Criteria for Latent Prints", California Division IAI Conference, Sacramento, CA, May 3, 2013

**Workshop:** "Latent Print Suitability for Crime Scene Analysts", Las Vegas Metropolitan Police Department, Las Vegas, NV, February 27, 2013

**Workshop:** "Latent Print Suitability for Crime Scene Analysts", Las Vegas Metropolitan Police Department, Las Vegas, NV, February 19, 2013

**Workshop:** "Latent Print Suitability for Crime Scene Analysts", Las Vegas Metropolitan Police Department, Las Vegas, NV, January 29, 2013

**Workshop:** "Latent Print Suitability for Crime Scene Analysts", Las Vegas Metropolitan Police Department, Las Vegas, NV, January 23, 2013

**Workshop:** "Latent Print Suitability for Crime Scene Analysts", Las Vegas Metropolitan Police Department, Las Vegas, NV, January 16, 2013

**Workshop:** "Latent Print Suitability for Crime Scene Analysts", Las Vegas Metropolitan Police Department, Las Vegas, NV, January 9, 2013

## CONFERENCE LECTURES AND WORKSHOPS PROVIDED BY ALICE WHITE (CONTINUED)

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- Lecture:** "Documenting and Reporting Inconclusive Results", AZ-UT-NV Tri-Division IAI Conference, Las Vegas, NV, November 6, 2012
- Lecture:** "Managing Technical Conflict", AZ-UT-NV Tri-Division IAI Conference, Las Vegas, NV, November 6, 2012
- Workshop:** "Analysis of Distortion in Latent Prints", AZ-UT-NV Tri-Division IAI Conference, Las Vegas, NV, November 5, 2012
- Workshop:** "Latent Print Suitability for Crime Scene Analyst Supervisors", Las Vegas Metropolitan Police Department, Las Vegas, NV, September 26, 2012
- Workshop:** "Latent Print Suitability for Crime Scene Analyst Supervisors", Las Vegas Metropolitan Police Department, Las Vegas, NV, September 19, 2012
- Lecture:** "Introduction to Latent Print Evidence", Clark County District Attorney's Office Major Violator's Unit, Las Vegas, NV, June 8, 2012
- Workshop:** "Analysis of Distortion in Latent Prints", Texas Division IAI Conference, Galveston, TX, June 2, 2012
- Lecture:** "Managing Technical Conflict", Texas Division IAI Conference, Galveston, TX, June 2, 2012
- Lecture:** "Documenting and Reporting Inconclusive Results", Texas Division IAI Conference, Galveston, TX, June 2, 2012
- Workshop:** "Analysis of Distortion in Latent Prints", California Division IAI Conference, San Diego, CA, May 11, 2012
- Lecture:** "Managing Technical Conflict", California Division IAI Conference, San Diego, CA, May 11, 2012
- Lecture:** "Documenting and Reporting Inconclusive Results", California Division IAI Conference, San Diego, CA, May 11, 2012
- Lecture:** "Analysis of Distortion in Latent Prints", Cogent User Group International Conference, Marakesh, Morocco, November X 2011
- Lecture:** "Palm Pattern Distributions", Cogent User's Conference, Hartford, CT, October 26, 2011
- Lecture:** "Documenting and Reporting Inconclusive Results", Canadian Identification Society Conference, Ottawa, Canada, September 29, 2011
- Lecture:** "Palm Pattern Distributions", Canadian Identification Society Conference, Ottawa, Canada, September 29, 2011
- Lecture:** "Analysis of Distortion in Latent Prints", Canadian Identification Society Conference, Ottawa, Canada, September 29, 2011
- Lecture:** "Analysis of Distortion in Latent Prints", European Network of Forensic Science Institute's Expert Working Group on Fingerprints, Riga, Latvia, September 15, 2011
- Lecture:** "Biological Distortion in Fingerprints", European Network of Forensic Science Institute's Expert Working Group on Fingerprints, Riga, Latvia, September 14, 2011
- Lecture:** "Documenting and Reporting Inconclusive Results", NEC User's Conference, Henderson, NV, August 31, 2011
- Lecture:** "Managing Technical Conflict", NEC User's Conference, Henderson, NV, August 30, 2011
- Panel Discussion:** "SWGFAST Update", NEC User's Conference, Henderson, NV, August 30, 2011



## CONFERENCE LECTURES AND WORKSHOPS PROVIDED BY ALICE WHITE (CONTINUED)

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**Lecture:** "Analysis of Distortion in Latent Prints", Seminario Brasileiro de Pericias Papiloscopicas, Brasilia, Brazil, May 6, 2011

**Lecture:** "Analysis of Distortion in Latent Prints", Fingerprint Society Conference, Telford, United Kingdom, April 8, 2011

**Workshop:** "Analysis of Distortion in Latent Prints", Midwest Association of Forensic Scientists Conference, Kansas City, MO, October 4, 2010

**Lecture:** "Careers and Internships in Forensic Science", University of Nevada College of Sciences, Las Vegas, NV, March 25, 2010

**Lecture:** "Admissibility of Latent Print Evidence", University of Nevada Boyd Law School, Las Vegas, NV, March 23, 2010

**Workshop:** "Analysis of Distortion in Latent Prints", IAI Educational Conference, Tampa, FL, August 21, 2010

**Panel Discussion:** "Potential Effects of Bias in Latent Print Examination", IAI Educational Conference, Tampa, FL, August 19, 2010

**Workshop:** "Analysis of Distortion in Latent Prints", IAI Educational Conference, Tampa, FL, August 19, 2010

**Workshop:** "Analysis of Distortion in Latent Prints", IAI Educational Conference, Tampa, FL, August 18, 2010

**Workshop:** "Analysis of Distortion in Latent Prints", IAI Educational Conference, Louisville, KY, August 22, 2009

**Workshop:** "Analysis of Distortion in Latent Prints", IAI Educational Conference, Louisville, KY, August 21, 2009

**Workshop:** "Analysis of Distortion in Latent Prints", IAI Educational Conference, Louisville, KY, August 19, 2009

**Lecture:** "Introduction to Forensic Lab Services", Nevada DPS, Las Vegas, NV, June 13, 2008

**Panel Discussion:** "Daubert and Pattern Evidence", American Academy of Forensic Science, Washington DC, February 22, 2008

**Workshop:** "Introduction to Latent Print Collection", Las Vegas Metropolitan Police Department, Laughlin, NV, January 16, 2008

**Workshop:** "Analysis of Distortion in Latent Prints", New England Division IAI Conference, Newport, RI, November 8, 2007

**Workshop:** "Analysis of Distortion in Latent Prints", Maryland State Police, Pikesville, MD, September 13, 2007

**Workshop:** "Analysis of Distortion in Latent Prints", IAI Educational Conference, San Diego, CA, July 27, 2007

**Workshop:** "Analysis of Distortion in Latent Prints", IAI Educational Conference, San Diego, CA, July 25, 2007

**Workshop:** "Analysis of Distortion in Latent Prints", IAI Educational Conference, San Diego, CA, July 24, 2007

## CONFERENCE LECTURES AND WORKSHOPS PROVIDED BY ALICE WHITE (CONTINUED)

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**Panel Discussion:** "Moving Forward with Objectivity", IAI Educational Conference, San Diego, CA, July 23, 2007

**Workshop:** "Latent Print Evidence", Las Vegas Metropolitan Police Department, Las Vegas, NV, June 18, 2007

**Lecture:** "Introduction to Forensic Science: Latent Prints", Clark County District Attorney's Office, Las Vegas, NV, June 6, 2007

**Workshop:** "Introduction to Latent Print Collection", Las Vegas Metropolitan Police Department, Laughlin, NV, May 23, 2007

**Lecture:** "Forensic Science Series: Latent Prints", Clark County District Attorney's Office, Las Vegas, NV, December 15, 2006

**Lecture:** "Error Rates in Non-Forensic Disciplines", ABFDE Daubert Symposium, Las Vegas, NV, November 10, 2006

**Lecture:** "Error Rates: Method, Theory and Practice", Indiana IAI Conference, Indianapolis, IN, October 9, 2006

**Lecture:** "Aging and Wound Healing of the Friction Ridge Skin", Indiana Division IAI Conference, Indianapolis, IN, October 9, 2006

**Lecture:** "Persistence of Scars in the Friction Ridge Skin", SCAFO Meeting, Diamond Bar, CA, September 29, 2006

**Lecture:** "Friction Ridge Skin Distortion", SCAFO Meeting, Diamond Bar, CA, September 29, 2006

**Lecture:** "Biology of Friction Ridge Skin", AZ-UT-NV Tri-Division IAI Conference, Las Vegas, NV, August 24, 2006

**Workshop:** "Analysis of Distortion in Latent Prints", IAI Educational Conference, Boston, MA, July 7, 2006

**Lecture:** "Error Rates: Method, Theory and Practice", AI Educational Conference, Boston, MA, July 5, 2006

**Workshop:** "Analysis of Distortion in Latent Prints", IAI Educational Conference, Boston, MA, July 4, 2006

**Lecture:** "Error Rates: Method, Theory and Practice", IAI Educational Conference, Boston, MA, July 4, 2006

**Workshop:** "Analysis of Distortion in Latent Prints", IAI Educational Conference, Boston, MA, July 3, 2006

**Lecture:** "Analysis of Distortion in Latent Prints", International Symposium on Fingerprints, Interpol Headquarters, Lyon, France, May 17, 2006

**Lecture:** "Biometrics: Gold Mine or Land Mine for Law Enforcement", Workshop on Ethical and Social Implications of Biometric Identification Technology: Towards an International Approach, European Commission on Science and Society, Brussels, Belgium, December 16, 2005

**Lecture:** "Biological Basis of Uniqueness and Persistence of the Friction Ridge Skin", New England Division IAI Conference, Burlington, VT, November 3, 2005

**Lecture:** "Biological Basis of Uniqueness and Persistence of the Friction Ridge Skin", Arizona Identification Council Conference, Maricopa, AZ, October 21, 2005

## CONFERENCE LECTURES AND WORKSHOPS PROVIDED BY ALICE WHITE (CONTINUED)

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- Workshop:** "Analysis of Distortion in Latent Prints", Midwest Association of Forensic Scientists Conference, St Louis, MO, October 5, 2005
- Lecture:** "Biological Basis of Uniqueness, Persistence, and Pattern Formation", Wisconsin Division IAI, Madison, WI March 31, 2005
- Lecture:** "Biological Basis of Uniqueness, Persistence, and Pattern Formation", Dutch National Police, Zoetermeer, Netherlands March 21, 2005
- Lecture:** "Aging and Wound Healing of the Friction Ridge Skin", Fingerprint Society Conference, Brighton, England March 20, 2005
- Lecture:** "Biological Basis of Uniqueness, Persistence, and Pattern Formation", Toronto Police Identification Conference, Toronto, Canada February 22, 2005
- Lecture:** "Introduction to Physical Evidence", Nevada Department of Wildlife, Las Vegas, NV January 13, 2005
- Lecture:** "A Friction Ridge Story", Phoenix Police Department, Phoenix, AZ, December 15, 2004
- Lecture:** "The Impact of Check 21 on Latent Print Examinations", International Association of Financial Crimes Investigators, Las Vegas, NV November, 18, 2004
- Lecture:** "A Friction Ridge Story", ABFDE Daubert Symposium, Las Vegas, NV, October 30, 2004
- Lecture:** "Crime Scene Chemicals", American Bio-Recovery Association, Las Vegas, NV September 21, 2004
- Lecture:** "A Friction Ridge Story", IAI Educational Conference, St.Louis, MO, August 25, 2004
- Lecture:** "A Friction Ridge Story", California Division IAI Conference, Sacramento, CA, May 21, 2004
- Lecture:** "A Friction Ridge Story", Nevada Division IAI Conference, Las Vegas, NV, April 8, 2004
- Lecture:** "CSI: The 9 Part Series - Session 3: Latent Prints", Clark County Bar Association, Las Vegas, NV March 9, 2004
- Lecture:** "Scientific Working Group Update", Indiana Division IAI Conference, Indianapolis, IN October 23, 2003
- Lecture:** "Pattern Formations in Nature and Fetal Ridge Development", Indiana Division IAI Conference, Indianapolis, IN, October 21, 2003
- Lecture:** "Patterns in Nature: Natural Selection vs. Physics", IAI Educational Conference, Ottawa, Canada, July 8, 2003
- Lecture:** "Biology of Friction Ridge Skin", Fingerprint Society Conference, Oxford, England, March 9, 2003
- Lecture:** "Biology of Friction Ridge Skin", SCAFO Seminar, West Covina, CA, October 11, 2002
- Lecture:** "Friction Ridge Skin and Pattern Formation During the Critical Stage: Fact and Theory", Fingerprint Society Centennial Conference, London, England, June 29, 2001
- Lecture:** "Friction Ridge Skin and Pattern Formation During the Critical Stage: Fact and Theory", IAI Educational Conference, Charleston, WV, July 25, 2000
- Lecture:** "Use of Ninhydrin in the Recovery of Latent Prints on Adhesive Surfaces Attached to Porous Surfaces", IAI Educational Conference, Milwaukee, WI, July 14, 1999

## **PROFESSIONAL TRAINING RECEIVED**

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**IAI 105th Educational Conference**, Nashville, TN, August 3 - 7, 2021  
**2021 NIJ R&D Symposium**, National Institute of Justice February 16, 2021  
**Introduction to Online Learning**, University of California, San Diego, April 27 - May 22, 2020  
**IAI 104th Educational Conference**, Reno, NV, August 13 - 17, 2019  
**Visual Perception and the Brain**, Coursera, Online, October 1-30, 2018  
**IAI 103rd Educational Conference**, San Antonio, TX, July 30-August 3, 2018  
**Western States IAI Conference**, Las Vegas, NV, April 30 - May 4, 2018  
**Forensic ISO/IEC 17025 Assessor Training Course (Testing)**, ANAB, Springfield, VA, April 9-13, 2018  
**Statistical Interpretation Software for Friction Ridge Skin Impression Comparison Workshop**, Arizona Forensic Science Academy, Phoenix, AZ, September 28, 2017  
**IAI 102nd Educational Conference**, Atlanta, GA, August 7-11, 2017  
**Forensics@NIST**, Gaithersburg, MD, November 8-9, 2016  
**European Union IAI 2nd Conference**, Interpol Headquarters, Lyon, France, October 20-21, 2016  
**IAI 101st Educational Conference**, Cincinnati, OH, August 8-12, 2016  
**Scientific Analysis (ACE-V): From the Laboratory to the Witness Stand**, Las Vegas, NV, May 2-6, 2016  
**NEC Integra-ID ISM User Methods and Operations**, Las Vegas, NV January 13, 2016  
**NEC Integra-ID Latent User Methods and Operations**, Las Vegas, NV January 6-8, 2016  
**Cogent User's Group International Education Conference**, Rohnert Park, CA November 2-3, 2015  
**IAI 100th Educational Conference**, Sacramento, CA, August 3-7, 2015  
**International Conference on Applied Human Factors and Ergonomics**, Las Vegas, NV, July 28-30, 2015  
**Cognitive Factors in Forensic Decision Making**, RTI, Research Triangle Park, NV, April 7-8, 2015  
**Universal Latent Workstation Software**, FBI CJIS, Las Vegas, NV June 24-25, 2014  
**ASCLD/LAB-International Assessor Training Course**, Henderson, NV, March 17-21, 2014  
**Advanced ACE-V Applications for Fingerprint Examiners**, Las Vegas, NV, March 3-7, 2014  
**Leadership Inside Out**, Las Vegas, NV December 18, 2013  
**Talkin' About My Generation**, Las Vegas, NV October 10, 2013  
**Texas Division IAI Conference**, Dallas, TX, June 4-5, 2013  
**European Network of Forensic Science Institute Expert Working Group on Fingerprints**, Riga, Latvia, September 13-15, 2011

## **PROFESSIONAL TRAINING RECEIVED (CONTINUED)**

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**Cogent User Group International Conference**, Marakesh, Morrocco, November 2011  
**Seminario Brasileiro de Pericias Papiloscopicas**, Brasilia, Brazil, May 4-6, 2011  
**Principles of eLearning**, UC Irvine, Spring 2011  
**Designing and Developing Interactive eLearning Courses**, UC Irvine, Spring 2011  
**eLearning Evaluation and Assessment**, UC Irvine, Spring 2011  
**The Fingerprint Society Annual Conference**, Telford, United Kingdom, April 8-11, 2011  
**Leadership Development**, Las Vegas, NV, January 5-6, 2010 & November 17-18, 2009  
**ASCLD/LAB-*International* Preparation Course**, Henderson, NV, December 1-3, 2009  
**Ethics 1: To Hell and Back**, NIJ/RTI November 20, 2009  
**Introduction to Mathematical Statistics**, CSU - Long Beach, Fall 2009  
**IAI 94th Educational Conference**, Tampa, FL, August 17-21, 2009  
**Fingerprints and Probability**, Nokesville, VA, July 13-17, 2009  
**Introduction to Statistics**, UNLV, Las Vegas, NV, Summer 2009  
**HFACS/HFIX Super-User Training**, Las Vegas, NV, June 12, 2009  
**HFACS/HFIX Basic Training**, Las Vegas, NV June 10-11, 2009  
**Forensic Science for the 21st Century**, ASU, Tempe, AZ, April 3-4, 2009  
**IAI 93rd Educational Conference**, Louisville, KY, August 18-22, 2008  
**Application of Statistics to Ridgeology and ACE-V Methodology**, Las Vegas, NV March 31-April 4, 2008  
**Forensic Imaging Techniques**, Las Vegas, NV January 2008  
**The Management Conference**, Las Vegas, NV December 13, 2007  
**The Women's Conference**, Las Vegas, NV, October 22, 2007  
**The Biometric Consortium Conference**, Baltimore, MD, September 11-13, 2007  
**IAI 92nd Educational Conference**, San Diego, CA, July 23-27, 2007  
**Indiana University Expert Cognitive Psychology Study**, Bloomington, IN, May 17-20, 2007  
**The Paradigm Shift in Forensic Science**, ABFDE Daubert Symposium, Las Vegas, NV, November 9-10, 2006  
**ASCLD Meeting**, San Francisco, CA, October 2-5, 2006  
**Forensic Digital Imaging**, Thornton, CO, July 24-26, 2006  
**IAI 91st Educational Conference**, Boston, MA, July 3-7, 2006  
**International Symposium on Fingerprints**, Interpol Headquarters, Lyon, France, May 17-18, 2006  
**Indiana University Latent Print Research Consulting Meeting**, Bloomington, IN, May 15-16, 2006  
**NIST Latent Testing Workshop**, Gaithersburg, MD, April 5-6, 2006  
**Workshop on Ethical and Social Implications of Biometric Identification Technology: Towards an International Approach**, European Commission on Science and Society, Brussels, Belgium, December 15-16, 2005  
**New England Division IAI Conference**, Burlington, VT, November 2-5, 2005



## **PROFESSIONAL TRAINING RECEIVED (CONTINUED)**

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**ANSI/NIST Fingerprint Standard Update**, Gaithersburg, MD, April 26-28, 2005  
**Fingerprint Society Conference**, Brighton, England March 18-20, 2005  
**Daubert and the Comparative Sciences**, ABFDE, Las Vegas, NV, October 29-30, 2004  
**IAI 89th Educational Conference**, St. Louis, MO, August 23-27, 2004  
**Indiana University Expert Cognitive Psychology Study**, Bloomington, IN, December 15, 2003  
**Indiana Division IAI Conference**, Indianapolis, IN, October 21-23, 2003  
**IAI 88th Educational Conference**, Ottawa, Ontario, Canada, July 7-11, 2003  
**The Fingerprint Society Annual Conference**, Oxford, England, March 7-9, 2003  
**NEC FW21 and Lexus Upgrade User Methods and Operations**, NEC, Las Vegas, February 5, 2003  
**Southern California Association of Fingerprint Officers (SCAFO) Seminar**, West Covina, CA, October 11-12, 2002  
**IAI 87th Educational Conference**, Las Vegas, NV, August 4-10, 2002  
**The Daubert World: Past, Present, and Future**, ABFDE, Las Vegas, NV, June 21-23, 2002  
**Physical Fracture Match Workshop**, Arlington, TX, December 3-5, 2001  
**The Fingerprint Society Centennial Conference**, London, England, June 25-29, 2001  
**Crime Scene Reconstruction**, Miami-Dade Police Department, Miami, FL, September 18-23, 2000  
**IAI 85th Educational Conference**, Charleston, WV July 23-29, 2000  
**Latent Print Searches in NEC AFIS 21**, Western Identification Network, Anchorage, AK, June 21-22, 2000  
**Combined Advanced Ridgeology, Demystifying Palm Prints, and Comparison Techniques: Graduate Research Student**, Salem, OR, October 18-29, 1999  
**IAI 84th Educational Conference**, Milwaukee, WI, July 11-17, 1999  
**Investigative Photography: Intermediate Level**, FBI, Anchorage, AK, April 19-22, 1999  
**Administrative Advanced Latent Fingerprint School**, FBI, Quantico, VA, March 8-26, 1999  
**Aviation Land and Water Survival**, LTR Training Systems, Anchorage, AK, February 15-17, 1999  
**Bloodstain Pattern Analysis**, Miami-Dade Police Department, Miami, FL, December 7-11, 1998  
**Combined Advanced Ridgeology, Demystifying Palm Prints, and Comparison Techniques**, Meridian, MS, October 26 - November 6, 1998  
**Crime Scene Investigation II**, Miami-Dade Police Department, Miami, FL, August 10-14, 1998  
**Advanced Ridgeology Comparison Techniques**, Mesa, AZ, May 4-8, 1998  
**Mastering Expert Testimony**, Mesa, AZ, April 27 - May 1, 1998  
**Crime Scene Investigation**, Miami-Dade Police Department, Miami, FL, February 16-20, 1998  
**Methods of Instruction**, Anchorage, AK, January 12-16, 1998  
**Uniform Investigation School**, Anchorage Police Department, Anchorage, AK, May 19-22, 1997  
**Latent Print Training Program**, State of Alaska Scientific Crime Detection Laboratory, Anchorage, Alaska, April - December 1997