

## **CURRICULUM VITAE**

***Heidi H. Harralson, MA, CDE, D-BFDE***

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### **EDUCATION**

2007 Master of Arts-Handwriting Science & Forensic Document Examination,  
Prescott College, Prescott, AZ

2005 Certificate-Forensic/Crime Scene Technician, Pima Community College, Tucson, AZ

2005 Bachelor of Science-Human Services (honors graduate), University of Phoenix, Tucson, AZ

1989 Associate Degree-Business, Lamson Business College (honors graduate), Tucson, AZ

### **CERTIFICATION**

2008 Diplomate: National Association of Document Examiners (NADE)

2005 Diplomate: Board of Forensic Document Examiners\* (BFDE)  
(proctored written and performance examination)

\*accredited by Forensic Specialties Accreditation Board (FSAB)

2000 Board certified document examiner: National Association of Document Examiners  
(moot court proceedings presided over by Hon. Roderick Kennedy, Presiding Judge,  
New Mexico Court of Appeals)  
(Recertified: 11/01/05)

### **PROFESSIONAL EXPERIENCE**

2009-Present: Managing Partner – Spectrum Forensic International, LLC. Professional document examination consultation offered in civil and criminal cases to public and private entities in the U.S. and internationally. Maintain document examination laboratory and conduct document examination research. Offer informational lectures and training services to public and private entities.

1997-2008: Owner – Spectrum Consultants. Professional document examination consultation provided to Office of Court Appointed Counsel, Indigent Defense Services, South Tucson Police Department, City of Bisbee Attorney's Office, Cochise County Legal Defender, attorneys, investigators, corporations, and private entities throughout the U.S. and internationally. Court-authorized in state and federal cases. Court testimony offered in court proceedings and depositions over 30 times in both civil and criminal cases. Testimony provided in state and county courts, arbitrations, the Industrial Commission, and international court proceedings.

1988-1997: Provided pro bono document examination consultation to attorneys, corporations, and private entities. Started Spectrum Consultants in 1995.

## **PUBLISHED BOOKS AND BOOK CHAPTERS**

Harralson, H. H. (2008). *Forensic handwriting examination of motor disorders & forgery: Research and applications*. Saarbrücken, Germany: VDM Verlag Dr. Müller. ISBN: 978-3-639-09677-4

Harralson, H. H., & Miller, L. S. (2007). Documentary evidence. In J. T. Fish, L. S. Miller, & M. C. Braswell (Eds.), *Crime scene investigation* (pp. 260-293). Newark, NJ: LexisNexis. ISBN: 978-1-59345-325-1

## **PUBLISHED PAPERS IN JOURNALS AND CONFERENCE PROCEEDINGS**

Harralson, H. H. (2010). The NAS Report: Implications for forensic document examiners. *Journal of Forensic Document Examination*, 20, 63-70.

Harralson, H. H., Teulings, H.-L., & Farley, B. G. (2009). Handwriting variability in movement disorder patients and effects of fatigue. In A. Vinter & J.-L. Velay (Eds.). *Proceedings of the 14<sup>th</sup> Biennial Conference of the International Graphonomics Society, 13-16 September 2009, Dijon, France*. (pp. 103-107). Université de Bourgogne, Dijon, France.

Harralson, H. H., Teulings, H.-L., & Farley, B. G. (2008). Comparison of handwriting kinematics in movement disorders and forgery. *Journal of Forensic Document Examination*, 19, 41-52.

Harralson, H. H. (2007-2008). Differentiating the handwriting of twins. *Journal of the National Association of Document Examiners*, 29(1), p. 24-32.

Harralson, H. H. (2007-2008). Annotated bibliography: Twin handwriting and handedness. *Journal of the National Association of Document Examiners*, 29(1), p. 33-38.

Harralson, H. H., Teulings, H.-L., & Farley, B. G. (2007). Comparison of handwriting kinematics in movement disorders and forgery. In J. G. Phillips, D. Rogers, & R. P. Ogeil (Eds.). *Proceedings of the 13<sup>th</sup> Biennial Conference of the International Graphonomics Society, 11-14 November 2007, Melbourne, Australia*. (pp. 143-148). Monash University, Australia.

Florence, D. C., Harralson, H. H., & Barabe, J. G. (2005-2006). An introduction to gel inks: History and analysis. *Journal of Forensic Document Examination*, 17, 33-64.

Miller, L. S., & Harralson, H. H. (2005-2006). An examination of tremor and distortion caused by extrinsic handwriting conditions. *Journal of Forensic Document Examination*, 17, 65-82.

Harralson, H. H. (2005). Handwriting characterization and differential analysis of Parkinson's disease and essential tremor. *Journal of the National Association of Document Examiners*, 28, 19-37.

Harralson, H. H. (2005). Annotated bibliography: Motor disorders and handwriting. *Journal of the National Association of Document Examiners*, 28, 38-45.

Harralson, H. H. (2003). A case of two typists. *Journal of the National Association of Document Examiners*, 25(1), 52-55.

## **ARTICLES**

Harralson, H. H. (2008, January/February). Forensic signature examination: Tips and procedures for the private investigator. *PI Magazine*, 21(1), 28-33.

## **LECTURES/ PAPERS PRESENTED**

*What Can Static Handwriting Features Reveal About Movement Dynamics?*

2010: Association of Forensic Document Examiners conference, Scottsdale, AZ  
(co-presenter: Dr. Hans-Leo Teulings, NeuroScript, LLC)

*Evaluating Testamentary Capacity from Handwriting: Research and Applications*

2010: Association of Forensic Document Examiners conference, Scottsdale, AZ

*Handwriting Variability in Movement Disorder Patients and Effects of Fatigue*

2009: Association of Forensic Document Examiners conference, Milwaukee, WI

*The National Academy of Sciences Report: Implications for Forensic Document Examiners*

2009: National Association of Document Examiners conference, Boca Raton, FL

2009: Association of Forensic Document Examiners conference, Milwaukee, WI

*Evaluating Line Quality Distortion*

2008: Association of Forensic Document Examiners conference, Albuquerque, NM  
(co-presenter: Dr. Larry S. Miller, East Tennessee State University)

*Differentiating the Handwriting of Twins: Case Study and Literature Review*

2008: National Association of Document Examiners conference, Austin, TX

*Assessing Dynamic Features From Handwriting*

2007: National Association of Document Examiners conference, Tucson, AZ  
(co-presenter: Dr. Hans-Leo Teulings, NeuroScript, LLC)

*Elder Abuse and Forgery: A Forensic Handwriting Investigation*

2006: Prescott College Thesis Presentation, Prescott, AZ

*Motor Disorders and Simulation: A Kinematical Analysis*

2006: Association of Forensic Document Examiners conference, Chicago, IL

*A Study on the Effect of Tremor Caused by Writing Surface Conditions*

2005: Association of Forensic Document Examiners conference, San Antonio, TX  
(co-presenter: Dr. Larry S. Miller, East Tennessee State University Crime Lab)

*An Introduction to the Examination and Characterization of Gel Ink Pens*

2005: Independent Assoc. of Questioned Document Examiners conference, Itasca, IL (co-presenter)

2005: National Association of Document Examiners conference, Quebec, Canada (co-presenter)

2004: Association of Forensic Document Examiners conference, Rochester, NY (co-presenter)  
(co-presenters: Darlene Florence & Joseph G. Barabe, McCrone Associates)

*Creative Forgery: Detecting Altered Documents*

2003: National Association of Document Examiners conference, New Orleans, LA

*Abstract Session: Foreign Investigation of Anonymous Notes in the Workplace*

2000: American College of Forensic Examiners conference, Las Vegas, NV

*Investigation of Anonymous Notes in the Workplace*

2000: National Association of Document Examiners conference, Albuquerque, NM

*Encryption*

1997: National Association of Document Examiners conference, Las Vegas, NV

*Curriculum Vitae – Heidi H. Harralson, MA, CDE, D-BFDE*  
*November 2, 2010*

*Writing History*

1996: American Handwriting Analysis Foundation conference, San Diego, CA

*Forensic Document Examination*

1995: American Handwriting Analysis Foundation Tucson Chapter, Tucson, AZ

**TEACHING AND INSTRUCTION**

2009-Present - Forensic Document Examination Graduate Certificate Program  
East Tennessee State University, Johnson City, TN  
(Adjunct Faculty Member)

2008-2010 - Tennessee POST (Peace Officer Standards and Training)  
40 hour in-service training in questioned documents (trainer)

2009 – Forensic Document Examination: What Lawyers Need To Know  
Pima County Bar Association continuing legal education training, Tucson, AZ

2008 – Institute of Management Accountants continuing education training, Tucson, AZ

2008 - Motor Control Research for Forensic Document Examiners Workshop  
Association of Forensic Document Examiners conference, Albuquerque, NM  
(co-presenter: Dr. Hans-Leo Teulings, NeuroScript, LLC)

2008 – East Tennessee State University, Department of Criminal Justice & Criminology  
Forensic Handwriting Examination (guest lecturer), Johnson City, TN

2008 - Forensic Handwriting and Document Examination Workshop  
California Association of Licensed Investigators conference, Costa Mesa, CA

2006 – East Tennessee State University, Department of Criminal Justice & Criminology  
Crime Investigation class (guest lecturer), Johnson City, TN

2002 - Handwriting Identification and the Judicial Process  
Pima County Bar Association continuing legal education training, Tucson, AZ

**TRAINING AND CONTINUING EDUCATION**

Completed the following courses, workshops, and mentorship relating to the field of forensic documentation examination, forensic science, administration of justice, and legal studies:

2007 NADE, Forensic Photography for Document Examiners Workshop, Tucson, AZ (4 hours)

2005 AFDE, Disguised Handwriting Workshop, San Antonio, TX (13.75 hours)

2005 College of Microscopy, Fundamentals of Microscopy, Westmont, IL (8.0 hours)

2005 NADE, Optical Microscope workshop (3.0 hours)

2004 AFDE, Print Process Identification for Forensic Document Examiner workshop (6.5 hours)

2004 Scriptos, Introduction to Document Examination Equipment, Quebec, Canada (3.0 credits)

2004 NADE, Daubert for Expert Witnesses workshop (4.0 hours)

2003-2005 Pima Community College courses in Forensic/Crime Scene Technician certificate program (Fingerprint Identification, Latent Processing, Ethics & Administration of Justice, Introduction to Photographic Equipment/Procedures, Crime Scene Photography, Blood Pattern Documentation, Ballistics, Forensic Chemistry, Courtroom Testimony & Report Writing, Rules of Evidence, Criminalistics, Intro to Admin of Justice – 22.0 credits)

1998 Laboratory for Scientific Interrogation, Scientific Content Analysis, Tucson, AZ

1996-1998 Forensic document examination mentorship, Paula A. Sassi, CDE (mentorship included training in casework, case review, methods and procedures, exhibit preparation, testimony, questioned document equipment)

1996 Andrew Bradley & Associates, Training Course in Forensic Document Examination – 20 lessons (received certificate of completion)

1995 Katherine Koppenhaver, Business of Document Examination workshop, Tucson, AZ

1995 Pima County Bar Association, Forensic Document Examination in Civil/Criminal Cases

1994 Nadelle Claypool, Forensic Document Examination workshop, Ann Arbor, MI

1990 Pima Community College, Legal Systems & Procedure (3.0 credits)

1985-Present: Self-study in handwriting identification and document examination through textbooks, papers, practical exercises.

#### **AFFILIATION IN PROFESSIONAL ORGANIZATIONS**

1997-present National Association of Document Examiners (NADE) – Certified Member 2000/2005

2004-present American Society for Testing and Materials Int'l (ASTM) – Participating Member  
(Committee E.30 on Forensic Sciences)

2004-present International Graphonomics Society – Member

2008 Arizona Association of Licensed Private Investigators – Affiliate Member

2008 California Association of Licensed Investigators – Service/Industry member

2006-2007 Manuscript Society - Member

2005 Association of Certified Fraud Examiners – Student Associate Member

1998-2004 American College of Forensic Examiners – Diplomate Member

#### **SERVICE IN PROFESSIONAL ORGANIZATIONS**

2009-Present Vice President, National Association of Document Examiners

2007 Conference Chair, National Association of Document Examiners

2005-2008 Certification Chair, National Association of Document Examiners

2000-2005 Certification Committee, National Association of Document Examiners

#### **CONTINUING EDUCATION**

Attend conferences offered by the following organizations relating to continuing education in forensic science and forensic document examination:

Association of Forensic Document Examiners

National Association of Document Examiners

International Graphonomics Society

American College of Forensic Examiners

Independent Association of Questioned Document Examiners

**Designating Heidi H. Harralson as an expert witness, formally or informally, or use of her Curriculum Vitae in civil or criminal proceedings or any other venue, without specific authorization, is prohibited. Violators of this prohibition will be charged the retainer set forth in the Spectrum Forensic International, LLC Document Examination Services Fee Agreement.**