# Forensic Science Consultants, Inc.

14450 Kentfield Place Poway, CA 92064 USA

Tel: 858-883-4065 [O] 415-672-3514 [C] lamqde@gmail.com www.qdexams.com Linton A. Mohammed, Ph.D., D-ABFDE Forensic Document Examiner

Diplomate: American Board of Forensic Document Examiners
Diploma in Document Examination - Forensic Science Society
(England)
American Society of Questioned Document Examiners (Life Member &
Past-President)
American Academy of Forensic Sciences (Fellow)
Chartered Society of Forensic Sciences (Fellow)

# Linton A. Mohammed, Ph.D., D-ABFDE Forensic Document Examiner

#### **CURRICULUM VITAE**

#### **EDUCATION**

# Ph.D. (Human Biosciences)

La Trobe University, Melbourne, Australia, 2012 Thesis: "Elucidating spatial and dynamic features to discriminate between signature disguise and signature forgery behavior"

Supervisors: Assoc. Prof. Doug Rogers and Dr. Bryan Found

#### **Master of Forensic Sciences**

National University, San Diego, CA, 2005

## Bachelor of Science (General) [Honors]

University of the West Indies, St. Augustine, Trinidad & Tobago, 1984

# PROFESSIONAL CERTIFICATIONS

- Certificate of Qualification in Forensic Document Examination (No. 298)
   American Board of Forensic Document Examiners, Inc., 1998 (re-certified every 5 years since 1998 to present).
- Diploma in Document Examination
   Chartered Society of Forensic Sciences, 1996 (formerly The Forensic Science Society).
   (renewed every 5 years since 1996 to present).

#### **WORK EXPERIENCE**

### Forensic Science Consultants, Inc., 01/2012 - present

Poway, CA

Duties: Forensic Document Examination, expert testimony; research; management.

# dba Rile, Hicks, & Mohammed, Forensic Document Examiners, 10/2010 – 01/2012

Long Beach, CA; San Francisco, CA

Duties: Forensic Document Examination, expert testimony; research; management.

## dba Associated Document Examiners, 10/1997 - 09/2010

[with approval of San Diego County Sheriff's Department] San Diego, CA

Duties: Forensic Document Examination, expert testimony; research; management.

# San Diego County Sheriff's Department Regional Crime Laboratory, 08/1996-10/2010.

San Diego, CA

Senior Forensic Document Examiner, (2002 – 2010)

Forensic Document Examiner, (1996 – 2002)

Duties: Conducted examinations in the most complex cases involving: signatures, handwriting, typewriting, machine printing, commercial printing, photocopies, hand stamps, ink, paper, indented impressions, binding materials; restoration and decipherment of alterations, erasures, and obliterations.

Provided training and mentorship for junior examiners, and training for attorneys and investigators.

Provided expert testimony in courts of law.

# Laboratory of the Government Chemist, 07/1993 - 07/1996

Teddington, Middlesex, England Forensic Document Examiner

#### Caribbean Institute of Forensic Investigations Ltd., 06/1992 – 07/1993

Forensic Document Examiner Trinidad, West Indies

## Trinidad and Tobago Forensic Science Center, 01/1989 – 06/1992

Forensic Document Examiner; Safety Officer Trinidad, West Indies

# Trinidad and Tobago Forensic Science Center, 12/1986 – 12/1988

Chemist 1

Two-year full-time training program in Document Examination. (December 1986-December 1988) at the Trinidad and Tobago Forensic Science Center, Port of Spain, Trinidad. Mr. Robert Fawcett (Staff Sergeant [retired], Royal Canadian Mounted Police) conducted the training, which included the examination of: signatures, handwriting, typewriting, machine printing, commercial printing, photocopies, hand stamps, ink, paper, indented impressions, binding materials; restoration of alterations, erasures, and obliterations, photography, and court testimony.

#### **TESTIMONY EXPERIENCE**

Testified over 250 times as an expert witness in Forensic Document Examination in USA (Federal & State courts, depositions), England (High Court & Magistrates' Court), and the Caribbean (High Court & Magistrates' Court).

#### PROFESSIONAL AFFILIATIONS/LEADERSHIP

- American Academy of Forensic Sciences
  - Secretary, 2025-2026.
  - o Board of Directors, 2021- 2025.
  - o Executive Committee (Member at Large), 2023-2025.
  - Fellow Questioned Documents Section.
  - o Member Academy Standards Board, 2017-2024 [Chair: 2020-2021].
  - o Chair Luncheon Seminars, 2023.
  - o Long Term Planning Committee, 2018-2021.
  - Chair Questioned Documents Section, 2016-2018.
  - o Chair Inter-Disciplinary Symposium, 2018.
  - o Co-Chair Inter-Disciplinary Symposium, 2017.
  - Secretary Questioned Documents Section, 2014-2016.
  - Editorial Review Board Journal of Forensic Sciences (2005-2020).
- American Society of Questioned Document Examiners
  - o President, 2010 2012
  - Vice-President, 2008 2010
  - o Treasurer, 2006 2008
  - o Director, 2004 2006
  - o Annual Conference Program Chair, 2006, 2017, & 2022.
  - o Chair, Evaluation and Examination Committee, 2002 2006
  - Annual Conference Site Chair, 2002
  - o Life Member (2021-); Member (1991 2021)
- Fellow Chartered Society of Forensic Sciences
- Member Canadian Society of Forensic Science

#### AWARDS

2022: **Albert S. Osborn Award of Excellence** – American Society of Questioned Document Examiners (Created to recognize those individuals who have contributed above and beyond what is expected of a Society member).

2019: **Ordway Hilton Award** – American Academy of Forensic Sciences Questioned Documents Section (In Recognition of Outstanding Contributions to Forensic Document Examination).

2012: **New Horizon Award** – American Board of Forensic Document Examiners, Inc. (In Recognition of Exceptional Contributions in Scientific Research for the Advancement of Forensic Document Examination).

#### **PUBLICATIONS**

#### **Books**

- 1. Mohammed, L. (2019). Forensic Examination of Signatures. Academic Press/Elsevier.
- 2. Caligiuri, M. & Mohammed, L. (2012). *The Neuroscience of Handwriting: Applications for Forensic Document Examination.* Taylor & Francis: Boca Raton, FL.

# **Book Chapters**

- 1. Sang, J., Mohammed, L., McClary, C. (2019). "The Future of Forensic Document Examination" in The Future of Forensic Science, D. Martell (Ed), Hoboken, NJ: John Wiley & Sons, Inc. pp. 121-157.
- 2. Mohammed L.A. (2013). *History of the Forensic Examination of Documents*. In: Siegel JA and Saukko PJ (eds.) Encyclopedia of Forensic Sciences, Second Edition, pp. 386-390. Waltham: Academic Press.
- 3. Mohammed, L.A. (2009). *Alterations, Erasures, and Obliterations of Documents,* in Wiley Encyclopedia of Forensic Science, Jamieson, A., Moenssens, A. (eds). John Wiley & Sons Ltd., Chichester, UK, pp. 128-134.

# **Papers**

- 1. Vaccarone, P., Mohammed, L. (2022). *Line Quality in Non-original Documents Expert Opinions and Conclusions*. Journal of the American Society of Questioned Document Examiners, Vol. 25, No. . pp. 9-19.
- 2. Dror, I., Scheer, K., Mohammed, L., MacLean, C., Cunningham, L. (2021). *Biasibility and Reliability of Forensic Document Examiners*. Forensic Science International, Vol. 318, January 2021, 110610.
- 3. Caligiuri, M., & Mohammed, L. (2019). Signature Dynamics in Alzheimer's Disease. Forensic Science International 302 (2019)109880.
- 4. Ascicioglu, F., Tekin, T., Ozbek, N., Cevik, F., Ozcan, F., Mohammed, L. (2019). Prepared Disappearing Ink and Decipherment of Documents. J. Forens. Sci. doi: 10.1111/1556-4029.14084

- 5. Caligiuri, M., Mohammed, L., Lanners, B., Hunter. G. (2018). *Kinematic Validation of FDE Determinations about Writership in Handwriting Examination: A preliminary study.* Journal of the American Society of Questioned Document Examiners, Vol. 21, No. 1.
- Mohammed, L., Found, B., Caligiuri, M., Rogers, D. (2015). *Dynamic Characteristics of Signatures: Effects of Writer Style on Genuine and Simulated Signatures*. Journal of Forensic Sciences, January 2015, Vol. 60, No.1.
- 7. Caligiuri, M., Mohammed, L., Found, B., & Rogers, D. (2012). *Nonadherence to the Isochrony Principle in Forged Signatures*. Forensic Science International 223 (2012) 228–232.
- 8. Mohammed, L., Found, B., Caligiuri, M., Rogers, D. (2011). *The Dynamic Character of Disguise Behavior for Text-Based, Mixed, and Stylized Signatures.* J Forensic Sci, January 2011, Vol. 56, No. S1 pp. S136-141).
- Mohammed, L., Ostrum, B. (2010). Using Adobe Photomerge<sup>™</sup> for Demonstrative Evidence, Journal of the American Society of Questioned Document Examiners, Vol. 13, No. 1.
- Mohammed, L., Found, B., Rogers, D. (2008). Frequency of Signature Styles in San Diego County – Journal of the American Society of Questioned Document Examiners, Vol. 11 (1).
- 11. Mohammed, L., Richards, G. (2006). *Thinking Outside the Box* Journal of the American Society of Questioned Document Examiners, Vol. 9 (2).
- 12. Mohammed, L., Jenkinson, G. (2002). Association of counterfeit documents to a printing plate by means of half tone dots Journal of the American Society of Questioned Document Examiners, Vol. 5 (1).
- 13. Mohammed, L. (1999). Write-On™: A new tool for handwriting comparison Journal of the American Society of Questioned Document Examiners, Vol. 2 (2).
- 14. Mohammed, L. (1999). An evaluation of documents produced by a high-speed, high-volume scanning process Forensic Science Communications, Vol. 1 (3).
- 15. Mohammed, L. (1998). Sequencing writing impressions and laser printing or ink- jet printing using the ESDA Journal of the American Society of Questioned Document Examiners, Vol. 1 (1).
- 16. Mohammed, L. (1993). Signature disguise in Trinidad and Tobago Journal of the Forensic Science Society, Vol. 33 (1).

#### **PRESENTATIONS**

# Workshops

- Impaired Handwriting and Suicide Letters
  - Co-presented with Nicole Crown at the European Network of Forensic Handwriting Examiners (ENFHEX) conference, Stockholm, Sweden 2024.
- The Robert Durst Case: Revisiting Myth of Handprinting Examinations; The Neuroscience and Kinematics of Handwriting; Forensic Evaluation of the Fine and Subtle Elements of Signatures and Handwriting II; Genuine, Disguised, and Simulated Signatures.
  - Presented to Canadian Forensic Document Examiners at Algonquin College, Ottawa, Ontario, Canada 2023
- The Robert Durst Case: Revisiting Myth of Handprinting Examinations
  - Co-presented with Lloyd Cunningham at the Australasian Society of Forensic Document Examiners Inc., Conference, Melbourne Australia 2023.
- The Neuroscience and Kinematics of Handwriting
  - Co-presented with Prof. Michael Caligiuri at the Australasian Society of Forensic Document Examiners Inc., Conference, Melbourne, Australia 2023.
- Forensic Evaluation of the Fine and Subtle Elements of Signatures and Handwriting II
  - Co-presented with Lloyd Cunningham at the 14<sup>th</sup> Conference of the European Network of Forensic Handwriting Examiners (ENFHEX), Zagreb, Croatia 2022.
  - Co-presented with Lloyd Cunningham and Karen Nobles, American Academy of Forensic Sciences, Seattle, WA 2022.
- Special Topics In Disputed Document Testimony For The 21st Century
  - Co-presented with Lloyd Cunningham at the 80<sup>th</sup> Annual General Meeting of the American Society of Questioned Document Examiners, San Antonio, TX 2022.
- The Robert Durst Case: Revisiting Myths Of Handprinting Examinations
  - Co-presented with Lloyd Cunningham at the 80th Annual General Meeting of the American Society of Questioned Document Examiners, San Antonio, TX 2022.
- Fine and Subtle Elements of Signatures and Handwriting II
  - Co-presented with Karen J. Nobles and Lloyd Cunningham at the 74<sup>th</sup> Annual Conference of the American Academy of Forensic Science, Seattle, WA 2021.

- Motor Control and Kinematics of Signatures and Handwriting
  - Presented at Inter Forensics, Iguassu Falls, PR, Brazil, 2021 (virtual).
- The Neuroscience and Kinematics of Handwriting
  - Workshop for Trainees and Junior Examiners: co-presented with Prof. Michael Caligiuri at the 79<sup>th</sup> Annual General Meeting of the American Society of Questioned Document Examiners, August 2021 (virtual).
- Development of an Evidence-Based Method for the Examination of Electronic Biodynamic Signatures
  - Co-presented with Veronica B. Dahir, Ph.D., Charles Edwards, Mara L. Merlino, Ph.D., Danica M. Ommen, Ph.D., & Brent Ostrum at the 13th European Network of Forensic Handwriting Examiners (ENFHEX) Conference and Business Meeting, June 2021 (virtual).
- Dispelling the Myths About the Forensic Examination of Handprinting
  - Co-presented with Brett Bishop, Katelyn Bruno, Lloyd Cunningham, and Linda Mitchell at the 72<sup>nd</sup> Annual Conference of the American Academy of Forensic Sciences, Anaheim, CA 2020.
  - Co-presented with Lloyd Cunningham at the Southwestern Association of Forensic Document Examiners (SWAFDE), Denver, CO 2019.
- Non-Destructive Examination of Inks (4 hours).
  - Co-presented with Peter V. Tytell and Derek J. Hammond at the 77<sup>th</sup> Annual General Meeting of the American Society of Questioned Document Examiners, Cary, NC 2019.
- The Forensic Examination of Genuine, Disguised, and Simulated Signatures with an Introduction to the Neuroscience and Kinematics of Handwriting
  - Presented at the Scottish Police Authority, Glasgow, Scotland 2018.
- The Forensic Examination of Original and Copied Signatures
  - Presented at The Midwestern Association of Forensic Sciences Conference, Cincinnati, OH 2017.
- Likelihood Approach and Document Examination: What For?
  - Co-presented with Liv Cadola and Tobin Tanaka at the 21<sup>st</sup>
     Triennial Meeting of the International Association of Forensic Sciences, Toronto, Canada 2017.
- The Examination of Skillfully Simulated Arabic Signatures
  - Presented at the 2<sup>nd</sup> Saudi International Conference on Forensic Medicine and Sciences, Riyadh, Kingdom of Saudi Arabia 2017.

- The Forensic Examination of Genuine, Disguised, and Simulated Signatures with an Introduction to Kinematics of Handwriting
  - Presented at the Midwestern Association of Forensic Sciences Conference, Branson, MO 2016.
- Genuine, Disguised, and Simulated Signatures; Kinematics of Handwriting; Formal and Informal Signatures
  - Co-presented with Lloyd Cunningham at the Australasian Society of Forensic Document Examiners, Inc., Sydney, Australia 2016.
- Document Examination in the USA
  - 2-day seminar presented at the Institute of Forensic Science Seminar, Beijing, China 2015.
- Are Fountain Pens Back in Vogue? Characteristics of Fountain Pen Writing and Aqueous Ink Analysis
  - Co-presented with Lloyd Cunningham, Dr. Valery Aginsky, & William J. Flynn at the 73<sup>rd</sup> Annual Meeting of the American Society of Questioned Document Examiners, Toronto, Canada 2015.
- The Forensic Examination of Genuine, Disguised, and Simulated Signatures with an introduction to the Neuroscience and Kinematics of Handwriting
  - 2-day workshop conducted at the II Brazilian Symposium on Forensic Science, Brazilia, Brazil 2015.
- The Examination of Skillfully Simulated Signatures
  - Presented at the 67<sup>th</sup> Annual Meeting of the American Academy of Forensic Sciences, Orlando, FL 2015.
  - Presented at Canada Border Services Forensic Laboratory, Ottawa, Canada, 2015.
- Skillful Freehand Signature Simulation
  - Co-presented with Lloyd Cunningham at the Joint Meeting of the American Society of Questioned Documents Examiners, Inc. & the Australasian Society of Forensic Document Examiners, Inc., Honolulu, HI 2014.
- Skillfully Simulated Signatures presented at the European Network of Forensic Handwriting Examiners (ENFHEX) meeting, Riga, Latvia, 2013.
- Signature Examination of Healthy and Impaired Writers
  - co-presented with Prof. Michael Caligiuri, UCSD, at the American Academy of Forensic Sciences Annual Conference, Washington DC, 2013.

- Neural Bases and Characteristics of Signature Formation in Writers with Dementia
  - Co-presented with Prof. Michael Caligiuri, UCSD, at the 70<sup>th</sup> Annual General Meeting of the American Society of Questioned Document Examiners, Charleston, SC 2012.
- Signature Examination Translating Basic Science into Practice
  - Co-presented with Prof. Michael Caligiuri, UCSD at the American Academy of Forensic Sciences Annual Conference, Seattle, WA 2010.
  - Co-presented with Prof. Michael Caligiuri, UCSD at the American Society of Questioned Document Examiners 68<sup>th</sup> Annual General Meeting, Victoria, BC, Canada, 2010.
- Genuine, Disguised, and Forged Signatures
  - Presented at the 1st Eurasian Congress on Forensic Sciences, Istanbul, Turkey, 2008.
  - Presented at the Victoria Forensic Science Centre, Melbourne, Australia, 2008.
  - Presented at the European Network of Forensic Handwriting Experts (ENFHEX) Meeting, Krakow, Poland, 2009.

# **Papers**

- Mohammed, L. (2025). Definitive Conclusions: Should They be Defenestrated? Presented at the 77<sup>th</sup> Annual Conference of the American Academy of Forensic Sciences, Baltimore, MD.
- 2. Hunter, G., & Mohammed, L. (2025). Font Flexin' with Aptos: Is This Next Generation Typeface Slayin' or Playin'. Presented at the 77<sup>th</sup> Annual Conference of the American Academy of Forensic Sciences, Baltimore, MD.
- Mohammed, L. (2024). Bad Things Happen to Good Signatures. Presented at the 76<sup>th</sup> Annual Conference of the American Academy of Forensic Sciences, Denver, CO.
- 4. Mohammed, L. (2024). Forensic Signature Examination: From Brain to Paper. Virtually presented at Florida International University and John Jay College of Criminal Justice, CUNY.
- 5. Mohammed, L. (2023). Forensic Signature Examination: From Brain to Paper. Presented at the Centre for Forensic Science, University of Technology Sydney, Sydney, Australia.

- 6. Do, D., & Mohammed, L. (2019). An Evaluation of the Efficacy of an Electrostatic Detection Device as a Screening Tool for Latent Prints. Presented at the 1<sup>st</sup> Joint Meeting of the European Network of Forensic Handwriting Experts (ENFHEX) and the European Fingerprint Working Group (EFP-WG), Porto, Portugal; the 77<sup>th</sup> Annual General Meeting of the American Society of Questioned Document Examiners, Cary, NC; and the California State Division of the International Association for Identification Meeting, Burlingame, CA.
- 7. Caligiuri, M., Ommen, D., Fuglsby, C., Saunders, C., Mohammed, L., Morris, J., Bird, C. (2019). The Kinematic Modeling of FDE Writership Opinion. Presented at the 1<sup>st</sup> Joint Meeting of the European Network of Forensic Handwriting Experts (ENFHEX), and the European Fingerprint Working Group (EFP-WG), Porto, Portugal; and the 77<sup>th</sup> Annual General Meeting of the American Society of Questioned Document Examiners, Cary, NC.
- 8. Ommen, D., Fuglsby, C., Saunders, C., Caligiuri, M., Mohammed, L., Buscaglia, J. (2019). *Pairwise Comparison Scores for Handwritten Questioned Documents*. Presented at the American Academy of Forensic Sciences 71st Annual Scientific Meeting. Baltimore, MD.
- Fuglsby C, Mohammed L, Saunders C, Ommen D, Buscaglia J, Caligiuri M. (2018). FDE Conclusion Scales Parts 1 & 2: Reverend Bayes or Professor Kirk? Presented at the 76<sup>th</sup> Annual Conference of the American Society of Questioned Document Examiners, Park City, UT.
- 10. Ommen, D., Fuglsby, C., Saunders, C., Caligiuri, M., Mohammed, L., Buscaglia, J. (2018). *Pairwise Scores for Designing Handwritten Document Comparisons*. Poster presented at Forensics @NIST, Gaithersburg, MD.
- 11. McClary, C., Mohammed, L., Caligiuri, M. (2018). *An Analysis of Forensic Document Examiner (FDE) Aptitude in Determining Velocity Rates of Strokes*. Presented at the American Academy of Forensic Sciences Conference, Seattle, WA.
- 12. Fuglsby, C., Mohammed, L., Buscaglia, J., Saunders, C. (2018). *Sufficiency and Complexity Factors in Handwriting Examination*. Presented at the Impression, Pattern, & Trace Evidence Symposium, Washington, DC.
- 13. Caligiuri, M., Mohammed, L. (2018). *Error Rates in Handwriting Examination*. Presented at the CSAFE Error Rates Symposium, Arlington, VA.
- 14. Caligiuri, M., Mohammed, L., Lanners, B. & Hunter G. (2017). *Kinematic Validation of FDE Determinations About Authorship in Handwriting Examination.*Presented at the 75<sup>th</sup> Annual Conference of the American Society of Questioned Document Examiners, San Diego, CA.

- 15. Mohammed, L. (2017). *The Kinematics of Signatures and Handwriting*. Presented at the 2<sup>nd</sup> Saudi International Conference on Forensic Medicine and Sciences, Riyadh, Kingdom of Saudi Arabia.
- 16. Domitrovich, S. Judge, Seaman Kelly, J., Mohammed, L. (2017). A Review of the Almeciga V. Center for Investigative Reporting, Inc. Decision: Analysis and Counter-Analysis. Presented at the American Academy of Forensic Science Conference, New Orleans, LA.
- 17. Mohammed, L. (2016). *Document Examination not just handwriting*. Presented to the Young Forensic Scientists Forum, American Academy of Forensic Science Conference, Las Vegas, NV.
- 18. Mohammed, L. (2014). *Kinematic approach to signature analysis*. Presented at the 3<sup>rd</sup>. International Workshop on Automated Forensic Handwriting Analysis, Honolulu, HI.
- 19. Mohammed, L. (2013). *Handwriting stroke kinematics*. Presented at the Measurement Science and Standards in Forensic Handwriting Analysis conference, NIST, Gaithersburg, MD.
- 20. Mohammed, L., Found, B., Caligiuri, M., Rogers, D. (2012). *Dynamics of stroke direction in genuine and forged signatures*. Presented at the American Academy of Forensic Sciences Conference, Atlanta, GA.
- 21. Mohammed, L., Found, B., Caligiuri, M., Rogers, D. (2009). *Pen pressure as a discriminating feature between genuine and forged signatures* Presented at the International Graphonomics Society Conference, Dijon, France.
- 22. Mohammed, L., Found, B., Caligiuri, M, Rogers, D. (2009). *Can dynamic features be used to discriminate between genuine, auto-simulated, and simulated signatures?* Presented at the 61st Annual Conference of the American Academy of Forensic Sciences, Denver, CO.
- 23. Mohammed, L. (2008). *Judicial challenges to expert witness testimony in the USA: The Daubert Trilogy* -Presented at the 1st. Eurasian Congress on Forensic Sciences, Istanbul, Turkey.
- 24. Mohammed, L., Found, B., Rogers, D. (2008). *Genuine and disguised signatures An empirical approach* Presented at the 60th Annual Conference of the American Academy of Forensic Sciences, Washington, DC.
- 25. Mohammed, L., Williams, D. (2006). *Preparing demonstrative charts with the use of Adobe Photomerge®* Poster presentation, American Academy of Forensic Sciences, Seattle, WA.
- 26. Mohammed, L. (2005). *The Edge of Light™ Scanner -* Presented at the American Academy of Forensic Sciences Conference, New Orleans, LA.

- 27. Mohammed, L. (2003). *Daubert and documents* Presented at the California Association of Criminalists Fall Conference, San Diego, CA.
- 28. Mohammed, L. (2003). A standardized training program for Forensic Document Examiners A proposal- Presented at the 61<sup>st</sup> Annual Conference of the American Society of Questioned Document Examiners, Baltimore, MD.
- 29. Mohammed, L. (2001). *Demonstrative evidence and multi-media technology -*Presented at the 59<sup>th</sup> Annual Conference of the American Society of Questioned Document Examiners, Des Moines, IA.
- 30. Mohammed, L., Buglio, J., Shafer, A. (2000). *The influence of paper on the performance of the VSC-2000 spectrometer* Presented at the 58<sup>th</sup> Annual Conference of the American Society of Questioned Document Examiners, Ottawa, Ontario, Canada.
- 31. Mohammed, L., Buglio, J. (2000). *The Association of Forensic Document Examiners* Prepared for the 58<sup>th</sup> Annual Conference of the American Society of Questioned Document Examiners, Ottawa, Ontario, Canada.
- 32. Mohammed, L. (1992). *Cocaine and handwriting* presented at the 50<sup>th</sup> Annual Conference of the American Society of Questioned Document Examiners, Milwaukee, WI.
- 33. Mohammed, L. (1991). Signature disguise in Trinidad and Tobago presented at the 49<sup>th</sup> Annual Conference of the American Society of Questioned Document Examiners, Orlando, FL.

## PROFESSIONAL ACTIVITIES

- Member-Research and Technology Transfer Advisory Board, Center for Statistics and Applications in Forensic Evidence [CSAFE] (2022 - ).
- Member Expert Working Group on Human Factors in Handwriting Examination,
   National Institute of Standards and Technology, 2015 2017.
- Member Physics/Pattern Scientific Area Committee within the National Institute of Standards and Technology Organization of Scientific Area Committees (NIST/OSAC), 2014 – 2016.
- Participant in the General Forensics Technology Working Group, National Institute of Justice, 2011.
- Participant in Scientific Working Group on Documents (SWGDOC), 2009 present.
- Editor Journal of the American Society of Questioned Document Examiners (2017-2023).

- Editorial Review Board Member:
  - o Journal of Forensic Sciences (2005-2020).
  - Forensic Science and Technology (China) (2015-2020).

#### Guest reviewer:

- Journal of Forensic Sciences.
- Forensic Science International.
- Science & Justice.
- Australian Journal of Forensic Science.
- Egyptian Journal of Forensic Sciences.
- Arab Journal of Forensic Sciences & Forensic Medicine.
- IEEE Transactions on Cybernetics.
- International Journal on Document Analysis and Recognition.
- o Edorium Journals.
- Turkish Journal of Forensic Medicine.
- Arab Journal of Forensic Sciences & Forensic Medicine.
- o International Graphonomics Society.

### **ACADEMIC TEACHING EXPERIENCE**

# Oklahoma State University, 2006 – 2023: Adjunct Assistant Professor

Master of Forensic Sciences Administration and Graduate Certificate in Questioned Documents (online programs)

- Graduate course: Historical Aspects of Questioned Documents (4 hours per week during a semester)
- Graduate course: Technical Aspects of Questioned Documents (4 hours per week during a semester).

## CONTINUING EDUCATION

- European Network of Handwriting Examiners (ENFHEX) Conference, Stockholm, Sweden 2024.
  - How to recognize fallacious expert conclusions.
  - Signed by hand or machine?
- American Academy of Forensic Sciences, Denver, CO 2024
  - Statistics and Forensic Science: From Probability to Black Box Studies to Likelihood Ratios.

- American Academy of Forensic Sciences, Orlando, FL 2023
  - o Report Writing in a New Rule 702 World-Handwriting Comparison Examination.
  - What Did the Lab Bench Say to the Court Bench? And What Did the Court Bench Hear?
- American Society of Questioned Document Examiners, Park City, UT 2018
  - Write-On 3.0 Workshop.
  - The Greatest Forger to Ever Get Caught.
- American Society of Questioned Document Examiners, San Diego, CA 2017
  - o Forensic Science Research: Your Mission to Propose, Innovate, and Collaborate
  - o Preparing a Digital Signature File for Forensic Analysis.
  - Chinese Handwriting and Signatures Workshop: Hanzi Through the Eyes of the Forensic Document Examiner.
  - Write or Wrong? Bias, Decision-Making, and the Use of Contextual Information in Forensic Document Examination.
- American Society of Questioned Document Examiners, Pensacola, FL 2016
  - Measuring Frequency Occurrence in Handwriting and Hand Printing Characteristics.
  - Sequence of Entries Determination New Approach to Additional Print.
- American Society of Questioned Document Examiners, Toronto, Canada 2016
  - Principles of Forensic Examination of Arabic Signatures.
- American Society of Questioned Document Examiners, Honolulu, HI 2014
  - Adobe Digital Media & Evidence.
- American Academy of Forensic Sciences, Seattle, WA 2014
  - Science, Law, and the Inferential Process: The Epistemology of Scientific Conclusions.
- National Institute of Standards and Technology (NIST), Gaithersburg, MD 2013.
  - Measurement Science and Standards in Forensic Handwriting Analysis.
- American Academy of Forensic Sciences, Atlanta, GA 2012
  - o Paper Fundamentals for Forensic Document Examiners.
  - o Digital Photography for Forensic Document Examiners.
- American Society of Questioned Document Examiners, Philadelphia, PA 2011
  - o Printing Process Identification for Forensic Document Examiners.
  - Using Adobe Photoshop in a QD Workflow.
- American Society of Questioned Document Examiners, Victoria, BC, Canada 2010
  - o Electronic Recording and Analysis of Handwritten Signatures & Writing.

- Cedar Crest College, Allentown, PA 2010
  - Multivariate Analysis for Forensic Scientists: Statistical Pattern Recognition for Physical Evidence Analysis and Chemometrics.
- American Academy of Forensic Sciences, Denver, CO 2009
  - Estimation of Uncertainty Is Anyone Certain What This Means?
  - Security Documents before and After the Crime: REAL ID, Physical and Electronic Security Features, Developments in Commercial Printing Technology, and an Introduction to Counterfeit Link Analysis.
- American Academy of Forensic Sciences, Washington DC 2008
  - The Applications of Color Analysis and Light Theory in the Forensic Examination of Documents Workshop.
- American Society of Questioned Document Examiners, Portland, OR 2006
  - Fine and Subtle Features of HandwritingWorkshop.
  - Signature Workshop.
- Southeastern Association of Forensic Document Examiners, Atlanta, GA 2006
  - Disguised and Forged Signatures Workshop.
- American Academy of Forensic Sciences, New Orleans, LA 2005
  - State of the Art Infrared and Ultraviolet Examinations of Documents by the Video Spectral Comparator.
- California Criminalistics Institute, Sacramento, CA 2005
  - Technical Writing for Criminalists.
- American Board of Forensic Document Examiners, Las Vegas, NV 2004
  - Daubert Seminar.
- American Academy of Forensic Sciences, Chicago, IL 2002
  - Note Taking for Forensic Document Examiners Workshop.
- Rochester Institute of Technology, Rochester, NY 2002
  - Printing Process Identification and Image Analysis for Forensic Document Examiners.
- Limbic Systems, Inc., Bellingham, WA 2001:
  - Measurement of Internal Consistencies Software (MICS).
- American Board of Forensic Document Examiners, Norcross, GA 2000:
  - o Canon Photocopier and Facsimile Training Workshop.
- California Criminalistics Institute, Sacramento, CA 2000:
  - Special Topics in Questioned Documents.

- Southwestern Association of Forensic Document Examiners, Las Vegas, NV 1999:
  - Typewriter Examination & Classification Workshop.
- American Board of Forensic Document Examiners, Las Vegas, NV 1998:
  - Examination Techniques in Handwriting & Rubber Stamp Cases Seminar.
- Canadian Society of Forensic Science 44<sup>th</sup> Annual Conference, Regina, Saskatchewan, Canada 1997:
  - o Digital Image Processing Workshop.
- California Criminalistics Institute, Sacramento, CA 1997:
  - Courtroom Presentation of Evidence.
- American Society of Questioned Document Examiners 55<sup>th</sup> Annual Conference, Scottsdale, AZ 1997:
  - Handwriting Workshop.
- American Society of Questioned Document Examiners 51<sup>st</sup> Annual Conference, Ottawa, Canada 1993:
  - Laser Printer Workshop.
  - o Miscellaneous Document Examination Workshop.
- American Society of Questioned Document Examiners 50<sup>th</sup> Annual Conference, Milwaukee, WI 1992:
  - Signature Workshop.
- American Society of Questioned Document Examiners 49<sup>th</sup> Annual Conference, Orlando, FL 1991:
  - Canon Fax Workshop.
  - Deposition Testimony Workshop.
  - Expert Witness Workshop.
  - Signature Comparison Workshop.

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