

### Summary of Qualifications

- Court qualified in civil and criminal trials
- Cases in California, Utah, New Mexico, Pennsylvania, New York, Michigan, and Florida
- Member of Superior Court Judges Panel of Expert Witnesses
- Approved MCLE provider by the State Bar of California
- Uses a teaching approach when providing testimony
- Applies science and technology to document examination
- Document examination includes California State Superior Court and Federal Cases
- Studied Questioned Document Examination since 1983
- Certified Quality Engineer
- Invited speaker to National Association of Document Examiners 2009 and 2010, 2015
- Invited speaker at Scientific Association of Forensic Examiners, Boca Raton, FL 2014
- Invited speaker at the World Congress of Forensics, Chongqing, China in October, 2011
- Invited speaker at the Association of Forensic Document Examiners conference 2012
- Graduate School certificate in Forensic Document Examination
- Attend a minimum of two conferences each year
- Adjunct instructor at University of Redlands

### Education (University)

- **2010 – Graduate Certificate in Forensic Document Examination – East Tennessee State University**
- 2005 – Master of Science, Technology Management – University of Denver
- 1979 – 1980 Graduate classes, Applied Mathematics – San Jose State University
- 1975 Bachelor of Science, Mathematics Education – State College of New York at Buffalo

### Education (Document Examination)

- 2014 (3-part series) San Diego County Bar Association, Direct and Cross Examination Techniques, Stephen Wagner
- 2013 (October 14) Print Process Identification, Hooke College, Westmont, IL.
- 2012 (October 18) “A Hands-on Workshop to assist FDEs in understanding point-of-sale signatures” by Dr. Hans-Leo Teulings, Association of Forensic Documents Examiners Conference, Phoenix, AZ
- 2012 (April 25) “Video Deposition Workshop” by Michael Jones, National Association of Document Examiners Conference, San Diego, CA
- 2012 (April 26) “A hands-on workshop for working with digital images” by George Reis, National Association of Document Examiners Conference, San Diego, CA
- 2012 (April 17) “The Graphical Approach, Another Way to Present Evidence” by Hon. William J. Howatt, Jr., San Diego County Bar Association
- 2012 (March 20) “Family Law mediation Services” by Lisa Morris of Riverside County Superior Court, Riverside County Bar Association
- 2011 (May 19) “Print process and paper”, Quebec Institute of Graphic Communications, at the National Association of Document Examiners Conference, Montreal, Quebec, Canada
- 2011 (May 17-18) “Theory and skills using IR and UV” by Emily Will at the National Association of Document Examiners Conference, Montreal, Quebec, Canada
- 2010 (Oct. 23) “Costly and Fatal Mistakes Committed by Expert Witnesses During Video Deposition Proceedings” by Michael Jones, CEO of Digital Evidence Legal Video Services
- 2010 (Oct. 15) “Determining common authorship amongst multiple simulated signatures based on the analysis of motor strategy” by Dr. Bryan Found, La Trobe University
- 2010 (May 3-4) Photoshop for document examiners instructed by Gary Herbertson
- 2010 Graduate level course “Forensic Document Examination Practicum” at East Tennessee State University

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- 2009 – Graduate level course “Forensic Document Analysis” at East Tennessee State University
- 2009 – Graduate level course “Forensic Document Identification” at East Tennessee State University
- 2008 – Graduate level course “Handwriting Identification” at East Tennessee State University
- 2008 – Course “Forensic Document Examination” at University of California at Riverside
- 2006 – Course “Certified Quality Engineer Exam Prep” from American Society for Quality
- 2005 – Master of Science Technology Management – University of Denver
- 1983 – Course “Questioned Document Examination” by Felix Klein
- On-going self-study in the field of forensic document examination

### **Seminars and Conferences (Document Examination and Forensics)**

- 2015 (April) Conference Co-chair Forensic Expert Witness Association, San Diego, CA
- 2014 Association of Forensic Document Examiners Conference, Salt Lake City, UT
- 2014 Conference co-chair Scientific Association of Forensic Examiners Conference, Boca Raton, FL
- 2013 Association of Forensic Document Examiners Conference, Lombard, IL
- 2013 National Institute of Standards and Technology, “Measurement Science and Standards in Forensic Handwriting Conference”, Gaithersburg, MD
- 2013 Forensic Expert Witness Association Conference, Scottsdale, AZ
- 2012 Association of Forensic Document Examiners Conference, Phoenix, AZ
- 2012 Conference Chair National Association of Document Examiners, San Diego, CA
- 2011 World Congress for Forensics, Chongqing, China
- 2011 National Association of Document Examiners Conference, Montreal, Quebec, Canada
- 2010 Association of Forensic Document Examiners Conference, Phoenix, AZ
- 2010 California Association of Handwriting Analysts seminar, Buena Park, CA
- 2010 National Association of Document Examiners Conference, Portland, OR
- 2010 Forensic Expert Witness Association Conference, La Jolla, CA
- 2009 Association of Forensic Document Examiners Conference, Milwaukee, WI
- 2009 National Association of Document Examiners Conference, Boca Raton, FL
- 2009 California Association of Handwriting Analysts seminars, Buena Park, CA
- 2008 Association of Forensic Document Examiners Conference, Albuquerque, NM
- 2008 American Handwriting Analysis Foundation Conference, Chicago, IL

### **Active Professional Certifications**

- Project Management Professional (PMP, 1997)
- Certified Information Systems Auditor (CISA, 1999)
- Certified Quality Engineer (CQE, 2006)
- California Real Estate Broker license (1992)

### **Professional Organizations**

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ASTM International Committee: E30 Forensic Sciences voting member

- Subcommittee E30.11 Interdisciplinary Forensic Science Standards
- Subcommittee E30.12 Digital and Multimedia Evidence
- Subcommittee E30.92 Terminology

National Association of Document Examiners

- Chair of the 2012 conference

Forensic Expert Witness Association

- Board of Directors San Diego Chapter 2012, Vice President 2013, President 2014

Scientific Association of Forensic Examiners

- Vice President

Project Management Institute

- President, Los Padres Chapter (2003&2004)
- Contributing author ANSI Standard ANSI/PMI 99-001-2000 (PMBOK Guide)
- Board of Directors, Los Angeles Chapter (1997-1999)

Riverside County Bar Association – Affiliate Member

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San Diego County Bar Association – Affiliate Member  
International Graphonomics Society  
American Society for Quality, Senior Member  
National Speakers Association  
Toastmasters International

- President of Speaking from the Heart Chapter 2010 - 2013
- Advanced Communicator Silver

Information Systems Audit and Control Association

### Publications Authored and Presented (A representative sample)

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- Wakshull, M. N. (2015, January). 2015 (January), *Will courtroom bias cost you your next case?* Association of Legal Nurse Consultants. San Diego, CA.
- Wakshull, M.N. (2014). *Examination of electronic documents*. Scientific Association of Forensic Examiners Conference. Boca Raton, FL.
- Wakshull, Michael N. (2014). *The End of the Zodiac Mystery, How Forensic Science Helped Solve One of the Most Infamous Serial Killer Cases of the Century*. Temecula, CA: Q9 Publishing.
- Wakshull, M. N. (2013, May). *An Overview of Forensic Document Examination*. Riverside County Public Defenders attorneys. Riverside CA.
- Wakshull, M. N. (2013, January). *An Introduction to Forensic Document Examination (full-day seminar)*. Riverside County Public Defenders Investigators. Riverside, CA.
- Wakshull, M.N. (2013). *Line by Line – Forensic Document Examination, A Strategy for Legal Professionals*. Temecula, CA: Q9 Publishing.
- Wakshull, M. N. (2012, November). *The Use of Control Charts to Assist With Writer Identification*. American Society for Quality Quality Day Symposium. Pomona, CA.
- Wakshull, M. N. (2012, October). *The Effects of Motivational and Cognitive Bias in Forensic Science*. Association of Forensic Document Examiners. Phoenix, AZ.
- Wakshull, M. N. (2011, November). *An overview of the World Congress of Forensics*. Forensic Consultants Association. San Diego, CA.
- Wakshull, M. N. (2011, October). *The effects of bias on managers' decisions*. American Society for Quality. Temecula, CA.
- Wakshull, M. N. (2011, October). *The use of statistical process control to assist writer identification*. World Congress of Forensics. Chongqing, China.
- Wakshull, M. N. (2011, March). *Introduction to forensic document examination*. California Association of Handwriting Analysts. Buena Park, CA.
- Wakshull, M. N. (2010, May). *Cognitive bias and the document examiner: Or - what you don't know about your attitudes can hurt your client*. National Association of Document Examiners Annual Conference. Portland, OR.
- Wakshull, M. N. (2010, January). *Do your biases affect your expert opinion?* Forensic Expert Witness Association. San Diego, CA.
- Wakshull, M. N. (2009, September). *Risk management in production and post-production*. Project Management Institute Risk SIG Conference. Santa Clara, CA.
- Wakshull, M. N. (2009, April). *Determining authorship of handwritten documents through examination of microscopic features in writing*. National Association of Document Examiners. Boca Raton, FL.
- Wakshull, M. N. (2008, March). *Managing risk using ICH Q9 and ISO 14971:2007*. American Society For Quality Tri-division Conference. Alexandria, VA..
- Wakshull, M. N. (2006, May). *How cognitive biases affect risk and decision analysis in managers*. Proceedings of PMI Risk Management SIG Conference. Houston, TX.
- Wakshull, M. N. (2005, April). *Applying predictability and stability to identify the most effective project metrics*. Proceedings of PMI Pharmaceutical SIG Conference. Dallas, TX.
- Wakshull, M. N. (2004, September). Review of *Managing Risk In Organizations*, by J. Davidson Frame. Project Management Journal.
- Wakshull, M. N. (2002, October). *The use of even swaps to normalize quantitative and qualitative risk*

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*rankings*. Proceedings of PMI International 2002 Symposium. San Antonio, TX.

Wakshull, M. N. (2002, March). *Project risk management: a partnership between auditors and project managers*. Proceedings of Information Systems Audit and Control Association Conference. Los Angeles, CA.

Wakshull, M. N. (2002, March). Review of book *Risk and Decision Analysis In Projects*. Project Management Journal. (32)1.

**Offered for Minimum Continuing Legal Education (MCLE)**

- An overview of Forensic Document Examination 1.0 hour
- Legal Aspects of Forensic Document Examination 1.0 hour
- An Introduction to Forensic Document Examination 5.0 hours
- The Effects of Motivational and Cognitive Bias in Forensic Science 1.5 hours

**Offered for Minimum Continuing Legal Education (MCLE) through Attorneycredits.com**

- Do your biases affect your expert opinion?
- An overview of Forensic Document Examination
- Legal Aspects of Forensic Document Examination

**Other CLE credit presentations**

- An Overview of Forensic Document Examination, Southwest Riverside County Bar Association.

**Court Qualified**

1. San Diego County
2. Riverside County
3. Orange County
4. Los Angeles County
5. Federal District Court Los Angeles

**States from which cases have been examined**

1. California
2. Florida
3. Michigan
4. New Mexico
5. New York
6. Pennsylvania
7. Utah