

Michael N. Wakshull, MS, CQE, PMP

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mikew@quality9.com • <https://quality9.com>**Summary of Qualifications**

- Court qualified in civil and criminal trials
- On the editorial board of San Diego Lawyer Magazine
- Uses a teaching approach when providing testimony
- Applies science and technology to partner with clients for document examination cases
- Uses internet-based tools to communicate with clients
- Graduate School certificate in Forensic Document Examination
- Member of Los Angeles County Superior Court Judges Panel of Expert Witnesses
- Approved MCLE provider by the State Bar of California
- Document examination includes State Superior Court and Federal Cases
- Cases in British Columbia, California, Florida, Hawaii, Illinois, Kansas, Louisiana, Michigan, Minnesota, Missouri, Mississippi, New Jersey, New Mexico, New York, Pennsylvania, South Dakota, Texas, Utah, West Virginia
- Member of the National Speakers Association
- Studied Questioned Document Examination since 1983
- Certified Quality Engineer
- Invited speaker to National Association of Document Examiners 2009, 2010, 2012, 2015 - 2018
- Invited speaker at Scientific Association of Forensic Examiners, 2014, 2015, 2017
- Invited speaker at the World Congress of Forensics, Chongqing, China in October, 2011
- Invited speaker at the Association of Forensic Document Examiners conference 2012, 2017
- 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 and Forensics)

- 2017 (November) Persuasive Evidence and Video for Trial and Mediation – 1-hour MCLE. Riverside County Bar Association.
- 2017 (April) Trial Preparation Seminar – 4 hours, Riverside County Bar Association.
- 2016 (October) Learn from the Masters. Riverside County Public Defenders. Riverside, CA. 6 hours MCLE.
- 2015 – 2018 Monthly 1-hour educational seminars from Scientific Association of Forensic Examiners
- 2015 (May 11) Digital Forensics for Attorneys part 2. Westlaw.
- 2015 (May 7) How to deal with an aggressive cross-examiner in deposition and trial. Forensic Expert Witness Association.
- 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
- 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 Attended (Document Examination, Forensics, and Law)

- 2018 (May) National Association of Document Examiners annual conference. Jacksonville, FL. 19 hours continuing education.
- 2018 (January 26 & 27) Law and Technology Summit – 9 hours. San Diego County Bar Association.
- 2017 (October) Association of Forensic Document Examiners conference, Reno, NV. 25 hours continuing education.
- 2017 (August) Scientific Association of Forensic Examiners annual conference, On-line. 6 hours continuing education.
- 2017 (May) National Association of Document Examiners annual conference. New Orleans, LA. 25 hours continuing education.
- 2017 (February) FEWA San Diego/San Diego Paralegal Association Training Day, San Diego, CA, 5.0 Hours MCLE
- 2016 (August) Conference Chair Scientific Association of Forensic Examiners Conference Session 2, 6 hours on-line conference
- 2016 (July) Conference Chair Scientific Association of Forensic Examiners Conference session 1, 6 hours on-line conference
- 2016 (June) California Alliance of Paralegal Associations Conference, Riverside, CA
- 2016 (April) National Association of Document Examiners Conference, Portland, OR
- 2015 (July 31 & August 28) Conference Chair Scientific Association of Forensic Examiners Conference. 15-hours on-line conference
- 2015 (July) Forensic Science Error Management, National Institute of Standards and Technology. Arlington, VA.
- 2015 (April) Conference Co-Chair Forensic Expert Witness Association, San Diego, CA
- 2015 (April) Open Source Intelligence Training, Camelot Investigations, Torrance, CA
- 2015 (February – November) Speakers’ Academy – National Speakers Association Los Angeles, 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 (1999)
- Certified Quality Engineer (CQE, 2006)
- California Real Estate Broker license (1992)

Professional Organizations

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

Association of Certified Fraud Examiners

- Vice President of Membership – Inland Empire Chapter

Forensic Expert Witness Association

- Board of Directors San Diego Chapter 2012, Vice President 2013, President 2014
- National Board of Directors 2014, 2015
- Annual Chair 2015

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

San Diego County Bar Association – Affiliate Member

Consumer Attorneys of San Diego – Affiliate Member

International Graphonomics Society

American Society for Quality, Senior Member

National Speakers Association

Toastmasters International

Michael N. Wakshull

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

Publications Authored

- Wakshull, M.N. (2018, February) *Forensic Document Examination for Legal Professionals – A Science-based Approach*. Temecula, CA: Q9 Consulting.
- Wakshull, M.N. (2017, March/April). *How to Hire a Forensic Expert – Keys to vetting a forensic expert for your case*. San Diego Lawyer. pp 20 – 22.
- Wakshull, M. N. (2016). How to Conduct Due Diligence When Hiring a Forensic Expert. QuickRead. NACVA/CTI. <http://quickreadbuzz.com/2016/09/07/conduct-due-diligence-hiring-forensic-expert/>.
- Wakshull, M. N. (2016). Can Forensic Experts Overcome Their Biases? QuickRead. NACVA/CTI. <http://quickreadbuzz.com/2016/03/09/can-forensic-experts-overcome-biases/>.
- Wakshull, M.N. (2013). *Line by Line – Forensic Document Examination, A Strategy for Legal Professionals*. Temecula, CA: Q9 Publishing.
- 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. (2002, March). Review of book Risk and Decision Analysis In Projects. Project Management Journal. (32)1.

Speeches Authored and Delivered

- Wakshull, Michael N. (2018,May). *Bias and Forensic Examiners*. National Association of Document Examiners annual conference. Jacksonville, FL.
- Wakshull, Michael N. (2018, April). *Fraudulent Real Estate Documents*. California Lawyers Association Real Property Law Section Retreat. San Francisco, CA.
- Wakshull, Michael N. (2018, March). *Examination of Fraudulent Real Estate Documents*. San Diego County Law Library, San Diego, CA.
- Wakshull, Michael. N. (2018, January). *Will Bias Cost You Your Next Case?*, San Diego County Law Library, San Diego, CA.
- Wakshull, Michael. N. (2018, January). *How to Hire a Forensic Expert Witness*, San Diego County Law Library, San Diego, CA.
- Wakshull, M. N. (2017, November) *An Overview of Forensic Document Examination*. San Diego State University. San Diego, CA.
- Wakshull, M. N. (2017, October). *Examination of Electronic Documents*. American Society for Quality Section 703. Temecula, CA.
- Wakshull, Michael N. (2017,October). *Application of NEGA Software to Forensic Document Examination*. Association of Forensic Document Examiners conference, Reno, NV.
- Wakshull, Michael N. (2017,October). *Bias and Forensic Examiners*. Association of Forensic Document Examiners conference, Reno, NV.
- Wakshull, Michael N. (2017,October). *Examination of Fraudulent Documents*. California District Attorneys Association Fraud Conference, Orange County, CA.
- Wakshull, Michael N. (2017,October). *Will Bias Cost You Your Next Case?* California District Attorneys Association Fraud Conference, Orange County, CA.
- Ramsay, J. Kahrs, H., Wakshull, M. (2017, August). *Expert Witnesses 101 & Beyond: The Effective Use of Experts*. Panel discussion. Orange County Women Lawyers Association. Irvine, CA.
- Wakshull, M. N. (2017, August). *Examination of Electronic Documents*. Scientific Association of Forensic Examiners annual conference. On-line.
- Wakshull, Michael N. (2017,June). *Will Courtroom Bias Cost You Your Next Case?* California District Attorneys Association conference, South Lake Tahoe, CA.
- Wakshull, M. N. (2017, May). *Examination of Electronic Documents*. National Association of Document Examiners annual conference. New Orleans, LA.
- Wakshull, M. N. (2017, April). *Introduction to Examination of Altered Documents*. San Diego County Law

- Library, San Diego, CA.
- Wakshull, M. N. (2017, March). *The Effects of the 2009 NAS Report and the 2016 PCSAT Report on Forensic Science*. California Western School of Law. The Innocence Project. San Diego, CA.
- Wakshull, M. N. (2017, February). *An Overview of Forensic Document Examination*. Temecula Old Town Rotary Club, Temecula, CA.
- Wakshull, Michael. N. (2017, January). *How to Hire a Forensic Expert Witness*, San Diego County Law Library, San Diego, CA.
- Wakshull, Michael N. (2016, December). *Authentication of Handwriting*. Riverside County Public Defenders, Riverside, CA.
- Wakshull, Michael N. (2016, December). *Will Courtroom Bias Cost You Your Next Case?* San Diego Law Library, San Diego, CA.
- Wakshull, Michael N. (2016, August). *Altered Documents*. Inland Empire Chapter Association of Certified Fraud Examiners, San Diego, CA.
- Wakshull, Michael N. (2016, August). *Authentication of Handwriting*. Inland Empire Chapter Association of Certified Fraud Examiners, San Diego, CA.
- Wakshull, Michael N. (2016, August). *Authentication of Handwriting*. San Diego Law Library, San Diego, CA.
- Wakshull, Michael N. (2016, July). *Authentication of Handwriting*. California Alliance of Paralegal Associations Inland Empire Chapter, Riverside, CA
- Wakshull, Michael N. (2016, June). *Will Courtroom Bias Cost You Your Next Case?* California Alliance of Paralegal Associations Conference, Riverside, CA.
- Wakshull, Michael N. (2016, May). *Will Courtroom Bias Cost You Your Next Case?* San Diego Law Library, San Diego, CA.
- Wakshull, Michael N. (2016, April). *Using Statistical Analysis to Assist in Writer Identification*. National Association of Document Examiners Conference.
- Wakshull, Michael. N. (2016, March). *Will Courtroom Bias Cost You Your Next Case?* La Jolla Bar Association. La Jolla, CA
- Expert Witness Panel. (2016, January). *The Effective Use of Experts in Litigation, Settlements Discussions and Mediation: Helping You Help Your Clients and Making You Look Good in the Process*. State Bar of California, Real Property Law Section. San Diego, CA.
- Wakshull, Michael. N. (2015, November). *How to Hire a Forensic Expert Witness*, California Alliance of Paralegal Associations conference, Shell Beach, CA.
- Wakshull, M.N. (2015, November), *Authentication of Handwriting*. California Alliance of Paralegal Associations conference. Shell Beach, CA.
- Wakshull, M.N. (2015, November), *Is the Document a Fraud? Forensic Document Examination for Fraud Investigators*, Southern California Fraud Investigator's Association Conference. Palm Springs, CA.
- Wakshull, M.N. (2015, October), *Trends in Handwriting Analysis and Forensic Document Examination*. Legal Nurse Consultants Association. San Diego, CA.
- Wakshull, Michael. N. (2015, August). *Will Courtroom Bias Cost You Your Next Case?* Forensic Expert Witness Association Orange County Chapter.
- Wakshull, Michael N. (2015, July). *Using Statistical Analysis to Assist in Writer Identification*. Forensic Science Error Management. National Institute of Standards and Technology. Arlington, VA.
- Wakshull, Michael. N. (2015, July). *Will courtroom bias cost you your next case?* Los Angeles Legal Secretaries Forum.
- Wakshull, Michael N. (2015, June). *An Overview of Forensic Document Examination*. California Alliance of Paralegal Associations conference. San Jose, CA.
- Wakshull, Michael N. (2015, June). *Authentication of Handwriting*. California Alliance of Paralegal Associations conference. San Jose, CA.
- Wakshull, Michael N. (2015, June). *Altered Documents And Other Topics In Forensic Document Examination*. California Alliance of Paralegal Associations conference. San Jose, CA.
- Wakshull, Michael N. (2015, June). *You Think You Need A Document Examiner?* California Alliance of Paralegal Associations conference. San Jose, CA.
- Wakshull, Michael N. (2015, May). *Forensic Document Examination for Investigators*. California

- Association of Licensed Investigators.
- Wakshull, M.N. (2015, May). *Trends in Handwriting Analysis and Forensic Document Examination*. Thompson Rutters. 90 minute webinar for West Legal Services.
- Wakshull, M.N. (2015, April). *Forensic Documentation For Fraud Examiners*. Inland Empire Chapter Association of Certified Fraud Examiners, Ontario, CA.
- Wakshull, M. N. (2015, April). *Will Courtroom Bias Cost You Your Next Case?* Forensic Expert Witness Association. San Diego, CA.
- Wakshull, M.N. (2015, March), *Trends in Handwriting Analysis and Forensic Document Examination*. Riverside County Bar Association. Riverside, CA.
- Wakshull, M. N. (2015, January). (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, 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. (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 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.

Offered for Minimum Continuing Legal Education (MCLE)

- An Overview of Forensic Document Examination 1.0 hour
- How to Hire a Forensic Expert 1.0 hour
- An Introduction to Forensic Handwriting Examination 1.0 hour
- Will Bias Cost You Your Next Case? 1.0 hour bias

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

- Will Bias Cost You Your Next Case?
- An Introduction to Forensic Handwriting Examination
- An Introduction to Altered Documents
- How to Hire a Forensic Expert

Offered for Minimum Continuing Legal Education (MCLE) through Thompson Ruters

- Trends in Handwriting Analysis and Forensic Document Examination. 90 minute webinar delivered on May 15, 2015.

Other CLE credit presentations

- Trends in Handwriting Analysis and Forensic Document Examination. Riverside County Bar Association. Riverside, CA.
- 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. San Bernardino County
6. Federal District Court Los Angeles

States from which cases have been examined

1. California	2. Florida
3. Louisiana	4. Michigan
5. Minnesota	6. New Mexico
7. New York	8. Pennsylvania
9. Texas	10. Utah
11. New Jersey	12. South Dakota
13. Mississippi	14. Hawaii
15. West Virginia	16. Kansas
17. Illinois	18. Missouri

Provinces from which cases have been examined

1. British Columbia	
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