

## CURRICULUM VITAE

David H. Kaye

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David H. Kaye is Regents' Professor Emeritus of Law and of Life Sciences at Arizona State University and Distinguished Professor Emeritus at Penn State Law. He has held visiting teaching or research appointments at Cornell University, Duke University, Johns Hopkins University, the University of Chicago, and the University of Virginia. Internationally, he has taught in England and China.

Professor Kaye worked as an Assistant Special Prosecutor on the Watergate Special Prosecution Force, an associate in a private law firm in Portland, Oregon, and a law clerk to Judge Alfred T. Goodwin of the U.S. Court of Appeals for the Ninth Circuit. He holds degrees in law (Yale University), astronomy (Harvard University), and physics (MIT).

Professor Kaye's research focuses on evidence, criminal procedure, the use of science and statistics in litigation, and on genetics and the law. He has served on committees or advisory panels of the American Statistical Association, the National Academy of Sciences, the National Commission on Forensic Science, the National Commission on the Future of DNA Evidence, the National Institutes of Health, the National Institute of Justice (NIJ), the National Institute of Standards and Technology (NIST), the Organization of Scientific Area Committees in Forensic Science, and the International Conferences on Forensic Inference and Statistics. His research has been funded by the American Bar Foundation, the Department of Commerce (NIST), the Department of Energy (Human Genome Project), and the Department of Justice (NIJ).

Professor Kaye has been on the editorial boards of four academic journals and has repeatedly served as editor of the American Bar Association publication, *Jurimetrics: The Journal of Law, Science, and Technology*. His publications include 12 books, 17 book chapters, and over 180 articles and letters in journals of law, philosophy, psychology, medicine, genetics, and statistics. He is a recipient of the Association of American Law Schools' Wigmore Lifetime Achievement Award for contributions to the law of evidence.

In addition to pursuing these academic and professional interests, Professor Kaye has taught Aikido, led guided tours for trekking companies, and participated in first ascents of mountains in Alaska and China.

## PERSONAL

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	University Park, PA 16802		

## EDUCATION

College: MIT, B.S., 1968, Physics  
Honors: Sigma Xi, Stratton Award

Graduate: Harvard Univ., M.A., 1969, Astronomy  
Honors: Agassiz Research Fellow

Law: Yale Law School, J.D., 1972  
Honors: Note and Comment Editor, Yale Law Journal

Postgraduate: Seminar on Probability and Evidence, Oxford University, Summer 1988  
Law and Economics Center, Economic Analysis for Law Professors, Dartmouth College, 1980  
National Endowment for the Humanities Summer Workshop on Legal Philosophy, Harvard University, 1979  
Courses in applied statistics, biology, organic chemistry, and Mandarin, ASU

## EMPLOYMENT

### *Academic Positions*

#### *Pennsylvania State University*

2019–present Distinguished Professor Emeritus  
2009–2019 Distinguished Professor and Weiss Family Scholar, Penn State Law  
2010–2019 Graduate Faculty, Forensic Science Program, Eberly College of Science  
2014–2017 Associate Dean for Research, Penn State Law

#### *Arizona State University*

2009–present Regents' Professor Emeritus  
1990–2009 Regents' Professor, Sandra Day O'Connor College of Law  
2006–2009: Professor, School of Life Sciences  
1998–1999: Acting Director, Center for the Study of Law, Science and Technology  
1979–1990 Professor of Law  
1985–1988: Director, Center for the Study of Law, Science and Technology  
1976–1979 Associate Professor

#### *Visiting*

2007–2008 Freeman Foundation Professor of Law, Hopkins-Nanjing Center for Chinese and American Studies, Nanjing, P.R.C.  
Spr. 2004 Professor, Sichuan University, P.R.C.  
Fall 2003 Fulbright Professor, Wuhan University, P.R.C.  
Spr. 1993 Professor, University of Utah College of Law

Fall 1990 Professor, Cornell Law School  
 1989–1990 Research Fellow, University of Chicago Law School  
 Spr. 1989 Mason Ladd Distinguished Visiting Professor, University of Iowa  
 Fall 1988 Professor, School of Law, Duke University  
 Summ. 1988 Fellow, University College, Oxford University  
 Fall 1982 Professor, School of Law, University of Virginia  
 Winter 1980 Fellow, Faculty of Law, University of Southampton  
 1975–1976 Adjunct Professor, Lewis and Clark Northwestern School of Law

#### *Courses taught*

- Criminal Law; Criminal Procedure; Advanced Criminal Procedure
- Constitutional Law
- Employment Discrimination
- Evidence; Expert Evidence (simulation course); Scientific Evidence; Forensic Genetics
- International Human Rights Law
- Jurisprudence
- Law and Science; Genetics and the Law; Law and Medicine; Law and Social Science
- Legal Statistics; Forensic Economics
- Remedies; Torts
- Legal Writing; Jurimetrics Journal Editing; Moot Court

#### *Other Positions*

1975–1976 Associate in private law firm (now Stoel Rives LLP), Portland Oregon  
 1973–1975 Assistant Special Prosecutor, Watergate Special Prosecution Force, Washington, D.C.  
 1972–1973 Law Clerk to Judge Alfred T. Goodwin, U.S. Court of Appeals for the Ninth Circuit

#### HONORS AND AWARDS

- John Henry Wigmore Award for Lifetime Achievement, Association of American Law Schools Section on Evidence Law, 2020
- Distinguished Service Award, Organization of Scientific Area Committees for Forensic Science, 2017
- Deinard Memorial Lecturer on Law and Medicine, University of Minnesota, 2006
- Fulbright Award, 2003 (China); nominee, 1981 (Nepal), 1984 (New Zealand), 2001(Nepal)
- Fulbright Senior Specialists Roster, 2002-2007
- ASU Alumni Association Faculty Achievement Award, 1999
- ASU College of Law Alumni Association Outstanding Faculty Member Award, 1999
- Center for Advanced Study in the Behavioral Sciences, invited 1995
- Mason Ladd Distinguished Visiting Professor, University of Iowa, 1989
- ASU Alumni Association Faculty Achievement Award Finalist, 1988

## GRANTS

- American Bar Foundation, Affiliated Scholar, 1981–1982
- ASU Faculty Grant-in-Aid, 1977, 1979, 1981, 1987
- U.S. Department of Commerce, NIST, Office of Law Enforcement Standards, Reporting and Presenting Numerical Evaluations of Forensic Evidence, 2013–2015 (co-PI)
- U.S. Department of Energy, Human Genome Project Grant No. DEFG0204ER63712, 2004-2006 (Bioethical Biobanks: Three Concerns in Designing and Using Law Enforcement DNA Identification Databases) (PI)

## SELECTED INSTITUTIONAL SERVICE

### *Pennsylvania State University*

- University Research Council (2014–2017)

### *School of Law*

- Associate Dean for Research, 2014–2017
- Admissions Committee (SJD candidates), 2015
- Appointments Committee, 2009, 2010, 2018
- Committee on Research and Scholarship, 2014 (chairman)
- Curriculum Committee, 2011, 2018 (chairman)
- Graduate and International Programs Committee, 2013
- Honor Code Board, 2015 (chairman)
- Law and Medicine Professorship Search Committee, 2017 (chairman)
- Postgraduate Fellowship Committee, 2015
- Promotion and Tenure Committee, 2009-2019
- Scholarship, Teaching, and Academic Enrichment Committee, 2013 (chairman)
- Strategic Planning Committee, 2013
- Transition Committee, 2012

### *Arizona State University*

- Academic Council, 2003–2009 (appointed by the president)
- Advisory Committee, 1985–1988 (appointed by the president)
- Alumni Association Faculty Awards Selection Committee, 2001, 2002
- Committee on Academic Freedom and Tenure, 1996–1999 (elected)
- Committee on Tenure and Promotion, 1983, 2006 (chairman, 2006; appointed by the provost)
- Council for Research and Creative Activities, 1980-1983, 1990-1993, 2006-2007
- Regents' Professor Selection Committee, 2000–2002 (chairman), 1991-93 (chairman 1992-1993)
- University Trial Board, 1978–1979 (chairman)

### *College of Law*

- Admissions Committee (chairman)
- Advisory Personnel Committee (chairman)
- Appointments Committee

- Curriculum Committee (chairman)
- Dean's Advisory Committee (elected)

*Professional organizations and advisory committees*

- American Association for the Advancement of Science, 1985–2000, 2017–2019
- American Bar Association, Section on Science and Technology, 1984–2000
- American Statistical Association, 1983–1998, 2018–2019
- Arizona Forensic Science Advisory Council, 2008–2009
- Bar of the U.S. Court of Appeals for the District of Columbia, Admitted 1973
- Bar of the U.S. District Court for the District of Oregon, Admitted 1975
- Oregon State Bar, Admitted 1973
- American Statistical Association Committee on Statistical Training in Selected Professions, 1981–1983
- American Statistical Association Committee on Law and Justice Statistics, 1987–1993
- Association of American Law Schools Law and Computer Section, Executive Committee, 1989–1992
- China University of Politics and Law, Institute of Evidence Law and Forensic Sciences, Board of Foreign Advisors, 2007–2011
- International Conference on Inference and Forensic Statistics, Program Committee 1993 (chairman), 1996, 1999, 2002, 2005 (chairman), 2008, 2011, 2014
- International Seminar on Evidence in Litigation, Jacob Burns Institute for Advanced Legal Studies, Cardozo School of Law, Yeshiva University, Advisory Board, 1987–1995
- Law School Admissions Council, Test Development and Research Committee, 1977–1985, 1993–1995, Test Audit Subcommittee, 1988–1995 (Chair, 1993–1995), Research Grants Committee, 2000–2002
- National Commission on Forensic Science, Subcommittee on Reporting and Testifying, June 2014–2017
- National Commission on the Future of DNA Evidence, Legal Issues Workgroup (Reporter), 1998–2000
- National Institutes of Health, National Human Genome Research Institute, Grant Review Committee, 2007
- National Institute of Justice, National Conference on Science, Technology and the Law, Advisory Committee, 2005
- National Institute of Standards and Technology, Organization of Scientific Area Committees for Forensic Science
  - Forensic Science Standards Board, 2019–present; Executive Secretary, 2020–present
  - Legal Resource Committee, member 2014–2018, affiliate, 2019, chair 2019–present (reorganized in 2020 as Legal Task Group)
  - Physics and Pattern Scientific Area Committee, 2015–2018 (ex officio)
  - Statistics Task Group, member 2014–present
- National Institute of Standards and Technology Expert Working Group on Human Factors in Latent Print Analysis, 2009–2011 (editor of Working Group report)

- National Institute of Standards and Technology Expert Working Group on Human Factors in Handwriting Examination, 2015–2016
- National Institute of Standards and Technology Expert Working Group on Human Factors in Forensic DNA Interpretation, 2020
- National Research Council Planning Group on DNA Forensic Science Update, 1993
- National Academy of Sciences Committee on DNA Forensic Science: An Update, 1994–1996

*Editorial Boards*

- Expert Evidence: The International Digest of Human Behavior Science and Law, 1992–94
- InterStat, 1995–2009
- Journal of Legal Education, 1985–1988
- Jurimetrics: The Journal of Law, Science and Technology, 1985–1990 (and Editor, 2005–2006, 1998–2002, 1993–1997 & 1984–1985)
- Law and Human Behavior, 1986–1988

*Referee for various foundations, journals and publishers, including*

- American Bar Foundation, Federal Judicial Center; Fulbright Program; Hong Kong Research Grants Council; Leverhulme Foundation; National Academy of Sciences; National Institutes of Health; National Institute of Justice; National Science Foundation; Smith Richardson Foundation
- The American Statistician; Forensic Science International; Forensic Science International—Genetics; Future Medicine; Genetica; Journal of the American Statistical Association; Journal of Empirical Legal Studies, Journal of Law, Medicine, and Ethics; Journal of Legal Education; Journal of Legal Studies; Journal of the History of Biology; Journal of Policy Analysis and Management; Journal of Research of the National Institute of Standards and Technology; Journal of the Royal Statistical Society; Judicature; Jurimetrics Journal of Law, Science and Technology; Law and Human Behavior; Law and Policy; Law, Probability, and Risk; Law and Social Inquiry; Law and Society Review; Psychology, Public Policy and Law; Science; Water Resources Review, Yale Law Journal
- Cambridge University Press; Harvard University Press; Little, Brown and Co.; John Wiley & Sons; Oxford University Press; Springer-Verlag, Inc.; University of Chicago Press; World Book Encyclopedia

PUBLICATIONS

(for web links to many of these publications, see  
[www.personal.psu.edu/dhk3/cv/cv\\_pubs.htm](http://www.personal.psu.edu/dhk3/cv/cv_pubs.htm))

*Books*

1. *Handbook of Forensic Statistics*, 2021 Chapman & Hall/CRC Press, 551 pp., ISBN 9781138295407 (editor, with D. Banks, K. Kafadar, and M. Tackett)

2. *The New Wigmore, A Treatise on Evidence: Expert Evidence*, New York, NY: Aspen Pub. (with co-authors, annual supplements)

- 3d ed. 2021 (in press)
- 2d ed. 2011, 806 pp., ISBN 0735528550
- 1st ed. 2004, 609 pp., ISBN 0735545553

3. *McCormick on Evidence* (with co-authors, interim supplements)

- 8th ed., R. Mosteller ed., 2 volumes, Eagan, Minn.: Thomson Reuters, 2020, 3030 pp., ISBN 9781731920362
- Student edition, R. Mosteller ed., St. Paul, Minn.: West Academic Publishing, 2020, 836 pp., ISBN 9781684674763
- 7th ed., K. Broun ed., 2 volumes, Eagan, Minn.: Thomson Reuters, 2013, 2806 pp., ISBN 9780314812520
- Student edition, K. Broun ed., St. Paul, Minn.: West Academic Publishing, 2014, 788 pp., ISBN 9780314290250
- 6th ed., K. Broun ed., 2 volumes, St. Paul, Minn.: West Group, 2006, 1890 pp., ISBN-13: 9780314161437
- Student edition, K. Broun ed., St. Paul, Minn.: West Group, 2006, 633 pp., ISBN-13: 9780314161277
- 5th ed., J. Strong ed., 2 volumes, St. Paul, Minn.: West Group, 1999, 1717 pp., ISBN 0314232397
- Student ed., J. Strong ed., St. Paul, Minn.: West Group, 1999, 583 pp., ISBN 0314232389
- 4th ed., E. Cleary ed., St. Paul, Minn.: West Group, 1992, ISBN 0314893113
- 3d ed., E. Cleary ed., St. Paul, Minn.: West Group, 1984
- Student edition, E. Cleary ed., St. Paul, Minn.: West Group, 1156 pp., ISBN 0314776257

4. *Latent Print Examination and Human Factors: Improving the Practice Through a Systems Approach*, Gaithersburg, MD: National Institute of Standards and Technology, 2012, 234 pp. (general editor and principal author of two chapters)

5. *The Double Helix and the Law of Evidence*, Cambridge, MA: Harvard University Press, 2010, 330 pp., ISBN 9780674035881

6. *Modern Scientific Evidence: The Law and Science of Expert Testimony*, St. Paul, MN: West Group (editor and author, with D. Faigman, M. Saks and J. Sanders)

- 4th ed. 2006, 4 volumes, 3,715 pp.
- Modern Scientific Evidence: Standards, Statistics, and Research Methods, 2006 Student Edition, 381 pp., ISBN 9780314172396; 1st ed. 2002, 397 pp., ISBN 0314262873
- Modern Scientific Evidence: Forensics, 2006 Student Edition, 665 pp., ISBN 9780314172310
- 3d ed. 2005, 4 volumes, 2,498 pp.

- 2d ed. 2002, 4 volumes, 2,414 pp., ISBN 0314100296
- 1st ed. 1997, two volumes, 1,452 pp., ISBN 031421410-0

7. *Annotated Reference Manual on Scientific Evidence*, St. Paul, MN: West Group (with D. Faigman, M. Saks, and J. Sanders)

- 2005-2006 ed., 821 pp., ISBN 031495451
- 2004 ed., 801 pp.

8. *Prove It with Figures: Empirical Methods in Law and Litigation*, New York, NY: Springer-Verlag Publishers, 1997, 353 pp., ISBN 0387948929 (with H. Zeisel)

- Chinese translation published by Renmin University Press, 2010
- Japanese translation, 2012

9. *Science in Evidence*, Cincinnati, OH: Anderson Publishing Co. (now Carolina Academic Press), 1997, 409 pp., ISBN 9780820570686

10. National Research Council, *The Evaluation of Forensic DNA Evidence*, National Academy Press, 1996, 254 pp., ISBN 0309053951 (with ten other members of the National Academy of Sciences' Committee on DNA Forensic Science: An Update)

11. *Health Care Law, Forensic Science and Public Policy*, Boston: Little Brown & Co., 4th ed. 1990, 1291 pp., ISBN 0316165328 (with W. Curran and M. Hall), Supplement to 4th ed. 1993

12. *Statistical Methods in Discrimination Litigation*, New York: Marcel Dekker (now CRC Press), 1986, 232 pp., ISBN 9780824775148 (editor, with M. Aickin)

#### *Book Chapters and Forewords*

1. *Frequentist Statistical Inference*, in *Handbook of Forensic Statistics*, Chapman Hall/CRC Press (D. Banks, K. Kafadar, D.H. Kaye and M. Tackett eds., 2021)

2. *Forensic Statistics in the Courtroom*, in *Handbook of Forensic Statistics*, Chapman Hall/CRC Press (D. Banks, K. Kafadar, D.H. Kaye, and M. Tackett eds., 2021)

3. *The Interpretation of DNA Evidence: A Case Study in Probabilities*, in *Making Science-based Policy Decisions: Resources for the Education of Professional School Students*, National Academies of Science, Engineering, and Medicine Committee on Preparing the Next Generation of Policy Makers for Science-Based Decisions ed., Washington DC, 2016 (online at [http://sites.nationalacademies.org/pga/scipol\\_ed\\_modules/index.htm](http://sites.nationalacademies.org/pga/scipol_ed_modules/index.htm) and <http://ssrn.com/abstract=2810744>)

4. *DNA as Evidence in the Courtroom*, in *Forensic DNA Applications: An Interdisciplinary Perspective*, Dragan Primorac and Moses S. Schanfield eds., Boca Raton: CRC Press, 2014, ch. 20, pp. 509–25 (with F. Bieber and D. Primorac), <http://ssrn.com/abstract=2540123>



5. *Some Ethical Issues in Forensic Genetics*, in *Forensic DNA Applications: An Interdisciplinary Perspective*, Dragan Primorac and Moses S. Schanfield eds., Boca Raton: CRC Press, 2013, ch. 21, pp. 527–537 (with E.D. Williams), <http://ssrn.com/abstract=2702830>
6. *Expert and Scientific Evidence*, in *Perspectives on American Law*, Dan Guttman et al., eds., Beijing: Peking University Press, 2013, ch. 6, pp. 97-106
7. *Reference Guide on Statistics*, in *Reference Manual on Scientific Evidence*
- National Research Council Committee on the Development of the Third Edition of the Reference Manual on Scientific Evidence ed., Washington DC: National Academy Press, 3d ed. 2011, pp. 211–302 (with D. Freedman), <http://ssrn.com/abstract=2705655>
  - Federal Judicial Center, ed., 2d ed. 2000, pp. 83–178; 1st ed. 1994, pp. 331–414 (with D. Freedman)
8. *Reference Guide on DNA Evidence*, in *Reference Manual on Scientific Evidence*
- National Research Council Committee on the Development of the Third Edition of the Reference Manual on Scientific Evidence ed., Washington DC: National Academy Press, 3d ed. 2011, pp. 129–210 (with G. Sensabaugh)
  - Federal Judicial Center ed., 2d ed. 2000, pp. 485–576 (with G. Sensabaugh)
9. *Foreword*, in Franco Taroni et al., *Data Analysis in Forensic Science: A Bayesian Decision Perspective*, Chichester, UK: John Wiley & Sons, 2010, pp. xiii–xiv
10. *Behavioral Genetics Research and Criminal DNA Databases: Discerning the Law, Deciding the Policy*, in *The Impact of Behavioral Genetics and Neurology in Criminal Law*, N. Farahany ed., New York: Oxford Univ. Press, 2009, pp. 355–388
11. *DNA Probabilities in People v. Prince: When Are Racial and Ethnic Statistics Relevant?*, in *Probability and Statistics: Essays in Honor of David A. Freedman*, T. Speed ed., Institute of Mathematical Statistics, 2007, 289–301, archived in the IMS Collections 2008, Vol. 2, 289–301, <http://dx.doi.org/10.1214/193940307000000491>
12. *DNA Databases for Law Enforcement: The Coverage Question and the Case for a Population-Wide Database*, in *DNA and the Criminal Justice System: The Technology of Justice*, D. Lazer ed., Cambridge: Mass.: MIT Press, 2004, pp. 247–284 (with M.E. Smith), preprinted in *Wisconsin Law Review*, Vol. 2003, No. 3, pp. 414–459
13. *What is Bayesianism?*, in *Probability and Inference in the Law of Evidence: The Uses and Limits of Bayesianism*, P. Tillers and E. Green, eds., Boston: D. Reidel Publishing Co., 1988, pp. 1–19, preprinted as *A Guide for the Perplexed*, *Jurimetrics: The Journal of Law, Science and Technology*, Vol. 28, No. 2, Winter 1988, pp. 161–177, <http://ssrn.com/abstract=1411848>

14. *Hypothesis Testing in the Courtroom*, in Contributions to the Theory and Application of Statistics, A. Gelfand ed., New York: Academic Press, 1987, pp. 331–356, <http://ssrn.com/abstract=3260802>

15. *The Place of Statistics in Establishing Unconstitutional Acts of Discrimination*, in Statistical Methods in Discrimination Litigation, New York: Marcel Dekker (now CRD Press), Statistics Series, Vol. 69, 1986, pp. 1–11

16. *Statistical Evidence of Discrimination in Jury Selection*, in Statistical Methods in Discrimination Litigation, New York: Marcel Dekker (now CRC Press), Statistics Series, Vol. 69, 1986, pp. 13–32, preprinted in Jurimetrics: The Journal of Law, Science and Technology, Vol. 25, No. 3, Spring 1985, pp. 274–289

17. *Some Mathematical and Legal Considerations in Using Serologic Tests to Prove Paternity*, in Inclusion Probabilities in Parentage Testing, R. Walker ed., Arlington, VA: American Ass'n of Blood Banks, 1983, pp. 153–167 (with M. Aickin)

#### *Encyclopedia Entries*

1. *Interpretation: A Legal Perspective*, in Wiley Encyclopedia of Forensic Science, A. Jamieson & A.A. Moenssens eds., Chichester: John Wiley

- 1st ed., 2009, vol. 3, pp. 1561–1566, DOI: 10.1002/9780470061589.fsa143
- 2d ed., Dec. 4, 2013, DOI: 10.1002/9780470061589.fsa143.pub2, online ISBN: 9780470061589

2. *Interpretation*, in Encyclopedia of Forensic Sciences, 2d ed., J. Siegel & P. Saukko eds., Waltham: Academic Press, 2013, vol. 1, ch. 23, pp. 134–138, <http://ssrn.com/abstract=2756238>

3. *Evidence and Proof, Scientific*, in Encyclopedia of Law and Society: American and Global Perspectives, D. Clark ed., Thousand Oaks, CA: Sage Pub., 2007, vol. 1, pp. 527–529

4. *Zeisel, Hans (1905–1992)*, in Encyclopedia of Law and Society: American and Global Perspectives, D. Clark ed., Thousand Oaks, CA: Sage Pub., 2007, vol. 3, pp. 1599–1600

5. *Social Science Research in Constitutional Litigation*, in Encyclopedia of the American Constitution, L. Levy ed. New York: Free Press, 1986, pp. 1702–1704 (with H. Zeisel)

#### *Articles*

1. *How Daubert and Its Progeny Have Failed Criminalistics Evidence and a Few Things the Judiciary Could Do About It*, Fordham Law Review, Vol. 86, No. 4, March 2018, pp. 1639–1659, <https://ssrn.com/abstract=3084881>

2. *Firearm-Mark Evidence: Looking Back and Looking Ahead*, 68 Case Western Reserve Law Review, Vol. 68, No. 3, Spring 2018, pp. 723–745, [https://papers.ssrn.com/abstract\\_id=3117674](https://papers.ssrn.com/abstract_id=3117674)
3. *Digging into the Foundations of Evidence Law*, Michigan Law Review, Vol. 115, No. 6, April 2017, pp. 915–934 (review essay), <http://ssrn.com/abstract=2903618>
4. *Deadly Statistics: Quantifying an “Unacceptable Risk” in Capital Punishment*, Law, Probability & Risk, Vol. 16, No. 1, March 2017, pp. 7–34 (festschrift), <http://dx.doi.org/10.1093/lpr/mgw012>, <http://ssrn.com/abstract=2788377>, <https://academic.oup.com/lpr/article/16/1/7/2975605/Deadly-statistics-quantifying-an-unacceptable-risk?guestAccessKey=4749de7c-f480-4dae-90be-82e54edd8f30>
5. *Ultracrepidarianism in Forensic Science: The Hair Evidence Debacle*, Washington & Lee Law Review Online, Vol. 72, No. 2, September 2015, pp. 227–254, <http://ssrn.com/abstract=2647430>
6. *Reflections on Glass Standards: Statistical Tests and Legal Hypotheses*, Statistica Applicata, Vol. 27, No. 2, May–August 2015, pp. 173–186, <http://ssrn.com/abstract=2744224>, <http://sa-ijas.stat.unipd.it/sites/sa-ijas.stat.unipd.it/files/Kaye.pdf>
7. *Why So Contrived? DNA Databases and Fourth Amendment Balancing After Maryland v. King*, Journal of Criminal Law & Criminology, Vol. 104, No. 4, May 2014, pp. 535–596, <http://ssrn.com/abstract=2376467>
8. *A Fourth Amendment Theory for DNA and Other Biometric Databases*, University of Pennsylvania Journal of Constitutional Law, Vol. 15, No. 4, April 2013, pp. 1095–1160, <http://ssrn.com/abstract=2043259>
9. *The Genealogy Detectives: A Constitutional Analysis of “Familial Searching,”* American Criminal Law Review, Vol. 50, No. 1, Winter 2013, pp. 109–163, <http://ssrn.com/abstract=2043091>
10. *Confronting Science: Expert Evidence and the Confrontation Clause*, Supreme Court Review, Vol. 2012, pp. 99–159, 2013 (with J.L. Mnookin), <http://ssrn.com/abstract=2238269>
11. *On the “Considered Analysis” of Collecting DNA Before Conviction*, UCLA L. Rev. Discourse, Vol. 60, March 2013, pp. 104–126, <http://ssrn.com/abstract=2187437>
12. *Drawing Lines: Unrelated Probable Cause as a Prerequisite to Early DNA Collection*, North Carolina Law Review Addendum, Vol. 91, Oct. 2012, pp. 1–20, <http://ssrn.com/abstract=2064074>
13. *Likelihoodism, Bayesianism, and a Pair of Shoes*, Jurimetrics: The Journal of Law, Science, and Technology, Vol. 53, No. 1, Fall 2012, pp. 1–9, <http://ssrn.com/abstract=2269088>

14. *The Need for a Research Culture in the Forensic Sciences*, UCLA Law Review, Vol. 58, No. 3, February 2011, pp. 725–779 (with J.L. Mnookin et al.), <http://ssrn.com/abstract=1755722>
15. *Science in the Jury Box: Jurors' Comprehension of Mitochondrial DNA Evidence*, Law and Human Behavior, Vol. 35, No. 1, February 2011, pp. 60–71 (with V. Hans et al.), <http://ssrn.com/abstract=1025582>
16. *Probability, Individualization, and Uniqueness in Forensic Science Evidence: Listening to the Academies*, Brooklyn Law Review, Vol. 75, No. 4, Summer 2010, pp. 1163–1185 (festshrift), <http://ssrn.com/abstract=1261970>
17. *Trawling DNA Databases for Partial Matches: What Is the FBI Afraid Of?*, Cornell Journal of Law and Public Policy, Vol. 19, No. 1, Fall 2009, pp. 145–171, <http://ssrn.com/abstract=1134205>
18. *Where Have All the Women Gone?, The Gender Gap in Supreme Court Clerkships*, Jurimetrics: The Journal of Law, Science, and Technology, Vol. 49, No. 4, Summer 2009, pp. 411–437 (with J.L. Gastwirth), <http://ssrn.com/abstract=944058>
19. *Identification, Individualization, and Uniqueness: What's the Difference?*, Law, Probability and Risk, Vol. 8, 2009, pp. 89–94 (festshrift), <http://ssrn.com/abstract=1510540>
20. *Rounding Up the Usual Suspects: A Legal and Logical Analysis of DNA Trawling Cases*, North Carolina Law Review, Vol. 87, No. 2, January 2009, pp. 425–503, <http://ssrn.com/abstract=1134205>
21. *The Role of Race in DNA Evidence: What Experts Say, What California Courts Allow*, Southwestern Law Review (Evidence Symposium: CEC v. FRE), Vol. 37, No. 2, 2008, pp. 304–322, <http://ssrn.com/abstract=962140>
22. *Statistics in the Jury Box: How Jurors Respond to Mitochondrial DNA Match Probabilities* (with V. P. Hans, B. M. Dann, E. Farley & S. Albertson), Journal of Empirical Legal Studies, Vol. 4, No. 4, December 2007, pp. 797–834, <http://ssrn.com/abstract=996134>
23. *Please, Let's Bury the Junk: The CODIS Loci and the Revelation of Private Information*, Northwest University Law Review Colloquy, Vol. 102, September 2007, pp. 70–81, <http://www.law.northwestern.edu/lawreview/colloquy/2007/25/>  
<http://ssrn.com/abstract=1022938> (supplemented by *Mopping Up After Coming Clean About "Junk DNA"*, November 23, 2007, 5 pp., <http://ssrn.com/abstract=1032094>)
24. *The Science of Human Identification: From the Laboratory to the Courtroom*, Minnesota Journal of Law, Science & Technology, Vol. 8, No. 2, Spring 2007, pp. 409–427, <http://ssrn.com/abstract=1411907>

25. *Revisiting Dreyfus: A More Complete Account of a Trial by Mathematics*, Minnesota Law Review, Vol. 91, No. 3, February 2007, pp. 825–835, <http://ssrn.com/abstract=944244>
26. *The Current State of Bullet-Lead Evidence*, Jurimetrics: The Journal of Law, Science, and Technology, Vol. 46, Fall 2006, pp. 99–114, <http://ssrn.com/abstract=952908>
27. *Who Needs Special Needs? Comments on the Constitutionality of Collecting DNA and Other Biometric Data from Arrestees*, Journal of Law, Medicine and Ethics, Summer, 2006, pp. 188–198, <http://ssrn.com/abstract=944359>
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#### Letters, Editorials, and Blogs

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164. Double Helix Law ([www.personal.psu.edu/dhk3/blogs/DoubleHelixLaw/](http://www.personal.psu.edu/dhk3/blogs/DoubleHelixLaw/)) October 2009 to January 2014

165. Science and Law Blog, Law Professors Blog Network ([http://lawprofessors.typepad.com/science\\_law/](http://lawprofessors.typepad.com/science_law/)), August 2006 to August 2009

166. *Privacy and Genetic Genealogy Data*, *Science*, Vol. 361, No. 6405, Aug. 31, 2018, p. 857 (with four co-authors), <https://ssrn.com/abstract=3242203> DOI: 10.1126/science.aav0330

167. *A Comment on the PCAST Report: Skip the “Match”/“Non-match” Stage*, *Forensic Sci. Int’l*, Vol. 272, March 2017, pp. e7–e9 (with G. Morrison and other co-authors), <https://ssrn.com/abstract=2860440>, <http://dx.doi.org/10.1016/j.forsciint.2016.10.018>

168. *Viewpoints: Supreme Court and DNA Samples*, BBC News: US and Canada, June 3, 2013 (invited editorial), <http://www.bbc.co.uk/news/world-us-canada-22762394>

169. *The Design of “The First Experimental Study Exploring DNA Interpretation,”* *Science and Justice*, Vol. 52, 2011, pp. 126–127, <http://dx.doi.org/10.1016/j.scijus.2011.10.003>

170. *Osborne and the Right to Post-Conviction DNA Testing*, AALS Evidence Section Newsletter, Fall-Winter 2008, pp. 2–4

171. *The Math Behind DNA Matching*, Las Vegas Review-Journal, August 01, 2008

172. *Rounding Up the Usual Suspects*, AALS Evidence Section Newsletter, Spring-Summer 2008, pp. 2–4

173. *Female High Court Clerks: Drop Could Be Anomaly*, *National Law Journal*, Oct. 30, 2006 (with J.L. Gastwirth)

174. *DNA Data Would Combat Crime, Racism*, *USA Today*, July 26, 2001, p. 15A (with E.J. Imwinkelried & M.A. Smith)



175. *Use of Nested PCR to Identify Charred Human Remains*, Journal of Forensic Sciences, Vol. 43, Nov. 1998, p. 1259
176. *Proficiency of Professional Document Examiners in Writer Identification*, Journal of Forensic Sciences, Vol. 39, No. 6, November 1994, p. 1344
177. *The Problem of Nonresponse: Remarks on a Recent Survey of Clinical Education*, Journal of Legal Education, Vol. 43, December 1993, pp. 594–95
178. *More on “What Judges Should Know About the Sociology of Science,”* Judicature, Vol. 77, November-December 1993, p. 175
179. *Justice Denied?*, ABA Journal, February 1992, p. 16
180. *Punitive Damages and Innovation*, Science, Vol. 247, March 16, 1990, p. 1280
181. *Reasonable Doubt?*, Nature, Vol. 342, November 23, 1989, p. 346
182. *The Prevalence of Paternity in “One-Man” Cases of Disputed Parentage*, American Journal of Human Genetics, Vol. 42, No. 6, June 1988, pp. 898–900, Am J Hum Genet. 1988 Jun; 42(6): 898–901, PMID: PMC1715198
183. *The Honorable Bridlegoose Rolls to Judgment* (with H. Zeisel), New York Times, February 26, 1982, at 22, col. 3
184. New England Journal of Medicine, Vol. 299, November 9, 1978, p. 1082

#### *Conference Proceedings*

1. *DNA Identification in Criminal Cases: Lingering and Emerging Evidentiary Issues*, in Proceedings of the Seventh International Symposium on Human Identification, Madison, Wisconsin: Promega Corp., 1997, pp. 12–25
2. *Proceedings of the Second International Conference on Forensic Statistics*, Tempe AZ: Arizona State University Center for the Study of Law, Science and Technology, 1993, 286 pp. (editor, with W. Harnagel)

#### *Reports, Monographs, Agency Comments, SDO Comments, and Briefs*

1. Brief of Amici Curiae Evidence Law Professors in Support of Plaintiff-appellant and Supporting Reversal, *Wikimedia Foundation v. National Security Agency*, No. 20-1191 (4th Cir. July 8, 2020) (with E.J. Imwinkelried, D.M. Risinger & R. Wexler)
2. Comments on ASB-012 (Draft Standard on Articulating Source Conclusions for Friction Ridge Skin Impressions), Academy Standards Board, American Academy of Forensic Sciences, July 7, 2019

3. Appeal from Adjudication of LRC Comments on ASTM E3085-17, filed with the OSAC Independent Review Board, June 6, 2018 (with other members of the OSAC Legal Resource Committee)
4. Appeal from Adjudication of LRC-compiled Comments on ASTM E2548–11, filed with the OSAC Independent Review Board, Oct. 18, 2016 (with J. Friedman and B. Scheck)
5. Communicating the Results of Forensic Science Examinations, 2015, 81 pp. (editor, with C. Neumann, A. Ranadive) (Final Technical Report for NIST Award 70NANB12H014)
6. Presenting Forensic Identification Findings: The Current Situation, in Communicating the Results of Forensic Science Examinations, C. Neumann, A. Ranadive & D.H. Kaye eds., 2015, pp. 12–30 (Final Technical Report for NIST Award 70NANB12H014)
7. Comments on Recommendations to the Attorney General Regarding Use of the Term “Reasonable Scientific Certainty.” February 29, 2016,  
<https://www.regulations.gov/#!documentDetail;D=DOJ-LA-2016-0001-0018>
8. Comments on a Directive Recommendation: National Code of Professional Responsibility for Forensic Science and Forensic Medicine Service Providers, DOJ-LA-2015-0009-0002, December 14, 2015, <http://www.regulations.gov/#!documentDetail;D=DOJ-LA-2015-0009-0035>
9. Comments on a National Code of Ethics and Professional Responsibility for the Forensic Sciences, DOJ-LA-2015-0004-0068, May 13, 2015 (with four co-authors),  
<http://www.regulations.gov/#!documentDetail;D=DOJ-LA-2015-0004-0068>
10. Brief of Genetics, Genomics, and Forensic Science Researchers as Amici Curiae in Support of Neither Party, Maryland v. King, No. 12-204, Dec, 28, 2012 (with H. Greely and others)
11. Testing the Effects of Selected Jury Trial Innovations on Juror Comprehension of Contested mtDNA Evidence, Dec. 30, 2004, National Institute of Justice Grant No. 2002-IJ-CX-0026 (with B.M. Dann & V.P. Hans), [www.ncjrs.gov/pdffiles1/nij/grants/211000.pdf](http://www.ncjrs.gov/pdffiles1/nij/grants/211000.pdf)
12. The Retention and Subsequent Use of Suspect, Elimination, and Victim DNA Samples or Records: A Report to the National Commission on the Future of DNA Evidence, February 2001 (with C. Crouse)
13. The Constitutionality of DNA Sampling on Arrest: A Report to the National Commission on the Future of DNA Evidence, January 2000
14. Forensic DNA Typing: Selected Legal Issues, A Report to the National Commission on the Future of DNA Evidence, January 2000 (with E. J. Imwinkelried)

*Papers and Other Presentations*

*Colloquia on applications of probability and statistics in law or on forensic science and law (invited presentations)*

- National Academy of Sciences, Arizona State University, Cornell University, Duke University, Emory University, Pennsylvania State University, Stanford University, University of Alabama, University of Arizona, University of Chicago, University of Iowa, University of Pennsylvania, University of Pittsburgh, University of Washington, University of Wyoming, Willamette University, Yeshiva University, China University of Politics and Law (Beijing), Hopkins–Nanjing Center for Chinese and American Studies, Narxoz Law School (Kazakhstan), Oxford University, University College (London), Université de Lausanne (Switzerland)

*Colloquia or lectures on other legal topics (invited presentations)*

- Leicester University, Nottingham University, Hunan Normal University, Qinghua University, Shanghai Jiaotong University, Sichuan University, Wuhan University

*Academic or professional symposia (invited presentations)*

- *Law Enforcement Genealogical Screening: A Legitimate Crime Solving Tool or an Unauthorized Intrusion into a Family's Genetic Privacy*, 27th International Symposium on Human Identification, Phoenix, AZ, September 25, 2018 (panelist)
- *What Should Forensic Scientists Tell Factfinders?*, Conference on Forensics, Statistics, and Law, University of Virginia, Charlottesville, VA, March 26, 2018
- *The Law of Likelihood*, Center for Statistics and Applications in Forensic Evidence, Center Wide Webinar, Iowa State University, Ames, IA, March 1, 2018
- *What Does the Law Require?*, Symposium on Error Rates for Evidence Interpretation, Center for Statistics and Application in Forensic Evidence, Arlington, VA, January 18, 2018
- *Why Rule 702 Has Failed Forensic Science*, Judicial Conference Advisory Committee on Evidence Rules Symposium on Forensic Evidence, *Daubert* and Rule 702, Boston College Law School, October 27, 2017
- *Familial Searching: An Appropriate Truth-finding Tool or An Unwarranted Invasion of Genetic Privacy?* 27th International Symposium on Human Identification, Seattle, WA, October 4, 2017 (plenary session panel organizer and moderator)
- *Legal, Statistical, and Forensic Science Conceptions of the Weight of Evidence*, NIST Technical Colloquium: Quantifying the Weight of Forensic Evidence, Gaithersburg, MD, May 5, 2016
- *Evidence, Probability and Error in Criminal Cases*, National Center for Forensic Science Speaker Series on Intersection of Science, Statistics, and the Law, Orlando, FL, March 11, 2016

- *Uncertainty in Law and Forensic Science*, Ninth International Conference on Forensic Inference and Statistics, Leiden, Netherlands, August, 2014 (plenary address)
- *More than Identification? Forensic Database Loci, Medical Information and Privacy*, 24th International Symposium on Human Identification, Atlanta, GA, October 2013 (plenary session panel)
- *The Legal Impact of the ENCODE Project on Forensic DNA Analysis*, Center for System Genomics, Pennsylvania State University, University Park, PA July 2013 (with M. Holland)
- *Do CODIS Profiles Threaten Medical Privacy? Case and Claims, Old and New*, 23rd International Symposium on Human Identification, Technical Leaders Meeting, Nashville, TN, October 2012
- Workshop on Familial Searching, 22d International Symposium on Human Identification, National Harbor, MD, October 2011
- Eighth International Conference on Inference and Forensic Statistics, University of Washington, Seattle, WA July 2011
- Seventh ISABS Conference in Forensic, Anthropologic and Medical Genetics and Mayo Clinic Lectures in Translational Medicine, Bol, Croatia, June 2011
- Scots Law of Evidence – Fit for Purpose in the Digital and Global Age?, Scottish Universities Insight Institute, Glasgow, Scotland, April & May 2011
- Identity Crisis: The Challenges Facing Forensic Identification, New Jersey Association of Forensic Scientists, Atlantic City, NJ, May 2011
- Fifth Annual Conference on Empirical Legal Studies, Yale Law School, New Haven, CT, November 2010 (discussant)
- NIJ, BJA, and FBI Impression and Pattern Evidence Symposium, Clearwater Beach, FL, August 2010
- Forensic Science: A Blueprint for the Future, UCLA PULSE Symposium, Los Angeles, CA, February 2010
- Fifth Triennial Conference of the European Academy of Forensic Sciences, Glasgow, Scotland, September 2009
- Forensic Science for the 21<sup>st</sup> Century: The National Academy of Sciences' Report and Beyond, ASU Center for the Study of Law, Science and Technology, Tempe, AZ, April 2009
- Seventh International Conference on Forensic Inference and Statistics, Université de Lausanne, Lausanne, Switzerland, September 2008

- The Law and Ethics of Brain Scanning, ASU Center for the Study of Law, Science and Technology, Phoenix, AZ, April 2007
- Southwestern Law Review Evidence Symposium: CEC v. FRE, Los Angeles, CA, February 2007
- National Symposium on DNA Fingerprinting and Civil Liberties, American Society of Law and Medicine, Boston, MA, May 2006
- Deinard Memorial Lecturer on Law and Medicine, University of Minnesota, Minneapolis, MN, January 2006
- Forensic Science: The Nexus of Science and Law, Sackler Colloquium, National Academy of Sciences, Washington D.C., November 2005
- International Workshop on Forensic DNA Evidence, Beijing Genomics Institute, Beijing, October 2005
- The Impact of Behavioral Genetics on Criminal Law, Duke Law School, Durham, NC, April 2005
- Sixth International Conference on Forensic Statistics, Tempe, AZ, March 2005
- Life Sciences, Technology, and the Law, Michigan Law School, Ann Arbor, MI, March 2003
- Fifth International Conference on Forensic Statistics, Venice, Italy, September 2002
- The Human Genome Project, DNA Science, and the Law, American University Washington College of Law, Washington D.C., October 2001 (panelist)
- DNA: Lessons from the Past, Problems for the Future, Brooklyn Law School, Brooklyn, NY, March 2001 (discussant)
- Olin Conference on New Perspectives on Evidence, University of Virginia School of Law, Charlottesville, VA, February 2001
- Second ASU-SB Invitational Symposium on Law and Science: Law and Regulation at the Frontiers of Predictive Genetic Testing, Scottsdale, AZ, March 1999
- Fourth International Conference on Forensic Statistics, North Carolina State University, Raleigh, NC, December 1999
- Respecting Genetic Privacy, First ASU-SB Invitational Symposium on Law and Science, Gold Canyon, AZ, March 1999
- Ninth International Symposium on Human Identification, Orlando, FL, October 1998
- DNA Forensics: Science, Evidence, and Future Prospects, Second Annual Conference, Cambridge Health Institute, McLean, VA, November 1997

- First European Symposium on Forensic Science, Lausanne, Switzerland, September 1997
- Seventh International Symposium on Human Identification, Scottsdale, AZ, September 1996
- Third International Conference on Forensic Statistics, University of Edinburgh, Edinburgh, Scotland, July 1996
- Workshop on Family Law, Association of American Law Schools, Washington D.C., February 1994
- DNA Fingerprinting, National Institute of Statistical Sciences Forum, Chapel Hill, NC, October 1993
- International Conference on Forensic Statistics, University of Edinburgh, Edinburgh, Scotland, April 1990
- Probability, Inference and Evidence in the Law, Boston University Symposium, Boston, MA, April 1986 (discussant)
- Symposium on the Use of Statistics in Business Litigation, Duke University, Durham, NC, May 1983
- Southwest Biomedical Research Workshop on Paternity Testing, Phoenix, AZ, October 1982
- American Association of Blood Banks International Conference on Inclusion Probabilities in Parentage Testing, Airlie, VA, May 1982

*Professional meetings (invited presentations)*

- American Association of Forensic Sciences, Annual Meeting, Seattle, WA, January 2018
- American Association of Law Schools, San Francisco, CA, January 2017
- Joint Statistical Meetings, Seattle, WA, August 2015
- American Association of Forensic Science, Annual Meeting, Washington, D.C., February 2013
- Joint Statistical Meetings, Seattle, WA, August 2006
- American Academy of Psychiatry and Law, Annual Meeting, Scottsdale, AZ, October 2004
- Joint Statistical Meetings, Toronto, Canada, August 2004
- American Association of Law Schools Conference on Evidence, Washington D.C., June 2002
- Section on Law and Medicine, Association of American Law Schools, San Francisco, CA, January 2001

- 18th International Congress on Forensic Haemogenetics, San Francisco, CA, August 1999
- Joint Statistical Meetings, Boston, MA, August 1992
- The Contrasting Cultures of Law and Science, American Association for the Advancement of Science, Chicago, IL, February 1992
- Cardozo Conference on Decision and Inference in Litigation, New York, NY, March 1991
- Section on Statistical Education, American Statistical Association, Philadelphia, PA, August 1984
- Law and Social Sciences Section, American Association of Law Schools, San Francisco, CA, January 1984

*Testimony or presentations to commissions, committees, agencies, legislatures, or press conferences (invited)*

- *Statistical Statements of Relevance*, National Commission on Forensic Science, Gaithersburg MD, September 13, 2016
- *Personal Genetics and Law Enforcement: Improving Public Safety, Ensuring Justice, and Balancing Civil Rights*, Congressional Briefing, Washington D.C., Mar. 19, 2015 (panel organized by Harvard Medical School Personal Genetics Education Project in cooperation with the offices of Representative Louise M. Slaughter and Senator Elizabeth Warren)
- *Expert Systems and Cognitive Bias*, National Commission on Forensic Science, Washington D.C., May 12, 2014
- Committee on Identifying the Needs of the Forensic Sciences Community, National Academy of Sciences, Meeting, Washington D.C., April 2007
- *The Admissibility of Biometric Identification Evidence, Technology, Policy, and Cultural Dimensions of Biometric Systems: A Workshop*, Computer Science and Telecommunications Board, National Academies, Washington D.C., March 2005
- *Juror Comprehension of Mitochondrial DNA Evidence*, Meeting of Advisory Committee on “Testing the Effects of Selected Jury Trial Innovations on Juror Comprehension of DNA Evidence,” National Institute of Justice, Washington D.C., April 2003
- Workshop on Medicolegal Death Examination System, Institute of Medicine, National Academy of Science, Washington D.C., March 2003
- *DNA Evidence: Legal and Ethical Issues*, National Institute of Justice, DNA and Sexual Assault Workshop, Washington D.C., December 2002

- *Misunderstandings of Probabilities of Identification Evidence*, Law, Science, and Technology Panel, National Academies, Washington D.C., February 2002
- *Nonoffender DNA Databanks*, New York State Commission on Forensic Science, New York City, NY, January 2001
- *The Retention and Subsequent Use of Suspect, Elimination, and Victim DNA Samples or Records*, National Commission on the Future of DNA Evidence, Boston, MA, November 2000
- *The Constitutionality of DNA Sampling on Arrest*, National Commission on the Future of DNA Evidence, Santa Fe, NM, May 1999
- National Academy of Sciences press conference on *Forensic DNA Technology: An Update*, Washington D.C., May 1996

*Continuing Judicial Education Programs (invited)*

- DNA Evidence, D.C. Circuit Judicial Conference, Lancaster, PA, June 2017
- Genetics: Anthropology, Forensics, Responsibility, and Society, Tenth Circuit Bench and Bar Conference, Colorado Springs, CO, August 2013
- Issues in Biotechnology and Genetics, Eccles Institute of Human Genetics, University of Utah, Salt Lake City, UT, March 2003
- Ninth Circuit Judges' Workshop: Science and the Law. Santa Barbara, CA, January 2003
- Arizona Judicial Education Day: DNA Evidence, Phoenix, AZ, November 2002
- ABA Judicial Division Seminar for Appellate Judges, Coeur d'Alene, ID, July 2002; Breckenridge, CO, August 2001; and Phoenix, AZ, March 2001
- NYU Institute of Judicial Administration, Appellate Judges Seminar, New York City, NY, July 2002
- Arizona-Southwest Genetics in the Courtroom Conference, Sedona, AZ, February 2000
- *Quantitative Evidence*, Federal Judicial Center 1993 Traveling Seminar Series (Albuquerque, Des Moines, Mobile, Portland, Rochester, Syracuse)
- Federal Judicial Center Workshop on Scientific Evidence and the Judiciary, Port Jefferson, NY, September 1993
- *Bendectin, DNA and Beyond*, Federal Judicial Center Seminar, Tempe, AZ, March 1993
- *DNA Identification*, Federal Judicial Center Criminal Law Seminar, Nashville, TN, June 1992



- Lectures on probability and statistics, National Judicial College Scientific Evidence Course, Reno, NV, September 1986
- Arizona Superior Court Judges Criminal Code Seminar, Tempe, AZ, September 1978

*Continuing Legal Education Programs (invited)*

- *Tenth Annual Prescription for Criminal Justice Forensics*, American Bar Association,, Fordham University School of Law, New York, NY, May 30, 2019
- *National Forensic Science Symposium*, National Attorneys General Training and Research Institute, Washington DC, July 19, 2017
- *National Spring Training Conference for Criminal Attorneys*, Florida A&M University Law School, Orlando, FL, March 11, 2016 (as part of the National Center for Forensic Science Speaker Series on Intersection of Science, Statistics, and the Law)
- *Forensic Science Legal Tools*, Penn State Law, University Park, PA, April 5, 2013
- *Third Annual Prescription for Criminal Justice Forensics*, American Bar Association,, Fordham University School of Law, New York, NY, June 1, 2012
- *Scientific and Expert Testimony*: Robbins & Green, Phoenix, May 2002; Bryan Cave, Phoenix, February 2002; Arizona Department of Justice, Phoenix, June 2001; Brown & Bain, Phoenix, February 2001; Teilborg, Sanders & Parks, Phoenix, November 2000
- *New Directions in Expert Testimony: Scientific, Technical, and Other Specialized Knowledge Evidence in Federal and State Courts*, American Law Institute–American Bar Association Program, San Francisco, CA, April 2001, and Boston, MA, May 2000
- *Recent Developments and Issues Concerning Scientific Evidence*, State Bar of Arizona Public Lawyers Section, Tempe, AZ, November 1997
- *DNA Evidence and the Law*, DNA Identification Technologies and the Law, Tempe, AZ, December 1991
- *Scientific Evidence*, Satellite Continuing Legal Education Network, New York City, NY, February 1988
- *Computer Generated Evidence*, Conference on Effective Use of Computers in Legal Aid and Public Defender Programs, Tempe, AZ, January 1987
- *Scientific Evidence 1986: Developments in Arizona and the Nation*, ASU Center for the Study of Law, Science, and Technology, Tempe, AZ, December 1986
- *Probability and Statistical Evidence*, Maricopa County Bar Association Seminar on Scientific Evidence, Tempe, AZ, April 1985

- *Probability Evidence in Criminal Cases*, American Bar Association Second Annual Seminar on Criminal Defense and Prosecution, Washington DC, March 1985
- *Jurisprudence and Justice*, State Bar of Arizona Continuing Legal Education Symposium on Law and Morality, Tempe, AZ, October 1981

*Continuing Statistical or forensic science education programs (invited)*

- *Talking About Likelihood and Probability for Probabilistic (and Other) Genotyping*, FBI-NIJ Online Workshop Series: Probabilistic Genotyping of Evidentiary DNA Typing Results (Module 6), July 12, 2019
- *A Legal Perspective on Probabilistic Genotyping*, Texas Forensic Science Commission Symposium on STRmix, University of North Texas Health Science Center, Fort Worth, Texas, November 16, 2018
- *Legal Statistics*, Applied Statistics Week, Universitat Pompeu Fabra, Barcelona, Spain, June 2000
- Fifth Annual Biopharmaceutical Applied Statistics Symposium, Hilton Head Island, SC, December 1998

*Other presentations*

- *DNA and the Law: What CSI Won't Tell You*, Experience Penn State Speakers Series, University Park, PA, March 2010
- Third Annual Conference on Empirical Legal Studies, Cornell Law School, Ithaca, NY, September 2008
- First Annual Conference on Empirical Legal Studies, University of Texas, Austin, TX, October 2006
- Fulbright China Program Orientation Session, Washington DC, June 2005 and 2006
- *DNA Databases*, Arizona ACLU Program on Personal and Technological Privacy, Tempe, AZ, April 2001
- *The Bioethics of DNA Databanks for Law Enforcement*, National Institutes of Justice Fourth Annual Meeting on the Future of DNA Evidence, Albuquerque, NM, May 1999
- *Legal Issues in Death and Dying*, Symposium on Law and Medical Ethics, Phoenix, AZ, November 1983

- *Affirmative Action after Baake*, Fourth Annual Affirmative Action Association Conference, Phoenix, AZ, March 1979
- Arizona Council on Humanities and Public Policy Conference on Censorship, Casa Grande, AZ, March 1977