

**JONATHAN J. KOEHLER**

*May 2021*

Northwestern Pritzker School of Law

357 East Chicago Avenue

Chicago, Illinois 60611

Phone: (312) 503-4469

Email: [jay.koehler@northwestern.edu](mailto:jay.koehler@northwestern.edu)

<http://www.law.northwestern.edu/faculty/profiles/JonathanKoehler/>

**CURRENT AND FORMER POSITIONS**

Northwestern Pritzker School of Law, Northwestern University

Beatrice Kuhn Professor of Law, 2010-present (Visiting Professor, 2009-2010)

Arizona State Univ., Sandra Day O'Connor College of Law & W. P. Carey School of Business

Professor of Law and Professor of Business (Dept. of Finance), 2008-10

Visiting Professor, 2007-8

University of Texas at Austin, McCombs School of Business & School of Law<sup>1</sup>

University Distinguished Teaching Professor, 2004-2008

University Distinguished Teaching Associate Professor, 1998-2004

Associate Professor, 1996-8

Assistant Professor, 1990-6

Harvard University, Dept. of Psychology, Social Cognition and Emotion Laboratory

Visiting Scholar, 2000 (summer), 1998 (fall)

Stanford University, Law School and Dept. of Psychology

Postdoctoral Scholar, 1988-90

Instructor: "Law & Social Science," Law School, 1990 (w/ D.L. Rosenhan)

Instructor: "Behavioral Statistics," Dept. of Psychology, 1990

Visiting Scholar, 1991-7 (summers)

University of Chicago, Graduate School of Business

Lecturer in Behavioral Science: "Managerial Decision Making," 1988

**EDUCATION**

U. of Chicago, Behavioral Sciences, Committee on Research Methodology and Quantitative Psychology (L.L. Thurstone Fellow in Quantitative Psychology), Ph.D., 1989.

U. of Chicago, Behavioral Sciences, Committee on Research Methodology and Quantitative Psychology, M.A., 1985.

Pomona College, Philosophy, B.A., 1982.

---

<sup>1</sup> University of Texas School of Law one-quarter appointment, 1991-2004.

## **TEACHING AWARDS**

Inducted into Academy of Distinguished Teachers, U. of Texas at Austin, 1998-2008 term.  
<https://provost.utexas.edu/awards/academy-distinguished-teachers>

Winner (4 times), Outstanding Business Honors Program Professor, U. of Texas at Austin, McCombs School of Business, 2002-3, 2000-1, 1997-8, 1995-6.

Winner, Texas Blazers Faculty Excellence Award, U. of Texas at Austin, 1999-2000.

Winner, College of Business Administration Foundation Teaching Award for Assistant Professors, U. of Texas at Austin, 1991-2.

Co-winner, Student Bar Association Faculty Appreciation Award, Northwestern Law School, 2012.

Dean's Teaching Award, Honorable Mention, Northwestern Law School, 2011-2.

## **RESEARCH AWARDS**

Winner, Best Paper in Behavioral Finance ["Selection neglect in mutual fund advertisements," *Management Science*, 55, 1107-1121 (2009) (with Molly Mercer)], Midwest Finance Association Conference, 2009.

Winner, College of Business Administration Foundation Research Excellence Award for Assistant Professors, U. of Texas at Austin, 1995-6.

Winner, Loevinger Prize: Best article in *Jurimetrics Journal* ["Error and exaggeration in the presentation of DNA evidence"], 1993-4.

## **RESEARCH GRANTS (national awards only)**

*National Science Foundation*, Decision, Risk and Management Science Program, "DNA examiners: Judgment and influence," Principal Investigator, SES-1356899, (\$239,997), 2014-2017.

*National Science Foundation*, Social Psychology Program, "Cognitive bias and forensic science," Principal Investigator (Workshop), BCS-1048484, 2010 (\$79,780).

*National Institute of Justice*, "Jurors' judgments about forensic identification evidence," Co-Principal Investigator (with D. McQuiston, M. J. Saks, & N. Schweitzer), 2008-DN-BX-0003, 2008-2011 (\$496,450).

*National Science Foundation*, Decision, Risk and Management Science Program, "Understanding how people use highly diagnostic statistical evidence," Principal Investigator, SBR 9819305, 1999-2003 (\$123,173).

*National Science Foundation*, Decision, Risk and Management Science Program, "Empirical investigation of a risk-value theory for decision making and a risk judgment," Faculty Associate (with Professors James Dyer (PI), John Butler, and Jianmin Jia), SBR 9819354, 1999-2001 (\$210,358).

*National Science Foundation*, Decision, Risk and Management Science Program, "Statistical evidence and error in the courtroom," Principal Investigator, #SES-9209544, 1992-4 (\$50,000).

*National Science Foundation*, Decision, Risk and Management Science Program, "Judgments of evidence quality among scientists," Dissertation Improvement Grant, #SES-8710191, 1987-9 (\$7,660).

## **EDITORIAL POSITIONS**

Editor: *Law, Probability & Risk* (Oxford University Press), 2005-present.

Advisory Board: *Law, Cognition, and Decisionmaking*, 2009-present.

Advisory Board: *Risk, Regulation, and Policy*, 2009-present.

Consulting Editor: *Judgment and Decision Making*, 2005-2018.

Special Issue Editor: *Law, Probability & Risk*, "Forensic Science for the 21st Century," 2010 (March).

Editorial Board: *Journal of Behavioral Decision Making*, 2004-2010.

Special Issue Editor: *Journal of Behavioral Decision Making*, "Decision Making and the Law," 2007 (December, w/ Mandeep Dhami, Reid Hastie, & Richard Wiener).

Faculty Editor: *Undergraduate Research Journal*, 2005-2007.

Editorial Board: *Law, Probability & Risk* (Oxford University Press), 2001-2005.

## RESEARCH UNDER REVIEW OR IN PROGRESS

Improving litigation strategy using decision trees and influence diagrams (with Alex Biedermann)

Inconclusives and error rates in forensic science: A signal detection theory approach (with Hal Arkes)

Poorer but happier: The nonmonetary utility of stocks and bonds (with Molly Mercer)

[Downsizing price increases: A greater sensitivity to price over quantity in consumer markets](#)  
(with John Gourville).

## PUBLICATIONS

Koehler, J. J., & Liu, S. (2021). Fingerprint error rate on close non-matches. Journal of Forensic Sciences, *66*(1), 129-134.

Koehler, J. J. (2020). Forensic source conclusions: Twenty threats to validity. Zeitschrift für Psychologie, *228*(3), 149–161  
<https://econtent.hogrefe.com/doi/pdf/10.1027/2151-2604/a000413>  
[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3587249](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3587249)  
[doi.org/10.1027/2151-2604/a000413](https://doi.org/10.1027/2151-2604/a000413)

Koehler, J. J. (2019). How trial judges should think about forensic science evidence. Evidence Science, *27*(4), 479-490. [Chinese translation]  
<https://mp.weixin.qq.com/s/aBWLyjELhq-luOTLFghuZA>

Koehler, J. J. (2019). Comment on “Review of several false positive error rate estimates for latent fingerprint examination proposed based on the 2014 Miami Dade Police Department Study.” Journal of Forensic Identification, *69* (1), 104-107.

Kadane, J. B., & Koehler, J. J. (2018). Certainty and uncertainty in reporting fingerprint evidence. Daedalus, *147*, 119-134.  
<https://www.amacad.org/publication/certainty-uncertainty-reporting-fingerprint-evidence>

Koehler, J. J. (2018). How trial judges should think about forensic science evidence. Judicature, *102*, 28-38.  
[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3118745](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3118745)

Koehler, J. J. (Winter 2017). Forensics or fauxrensic? Ascertaining accuracy in the forensic sciences. Arizona State Law Journal, *49*, 1369-1416.  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2773255](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2773255)

- Koehler, J. J. (2017). Intuitive error rate estimates for the forensic sciences. Jurimetrics Journal, 57, 153-168.  
[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2817443](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2817443)
- Koehler, J. J., & Meixner, J. B. (2017). Jury simulation goals. In Margaret Bull Kovera (Ed.). The Psychology of Juries (pp. 161-183). American Psychological Association.  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2470632](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2470632)
- Koehler, J. J., & Meixner, J. B. (2016). An empirical research agenda for the forensic sciences. Journal of Criminal Law and Criminology, 106, 1-34.  
[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2766724](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2766724)
- Koehler, J. J., Schweitzer, N. J., Saks, M. J., McQuiston, D. E. (2016). Science, technology, or examiner experience: What influences jurors' judgments about forensic science testimony? Psychology, Public Policy, and Law, 22, 401-413.  
[https://papers.ssrn.com/sol3/Papers.cfm?abstract\\_id=3068471](https://papers.ssrn.com/sol3/Papers.cfm?abstract_id=3068471)
- Saks, M. J., et al. (2016). Forensic bitemark identification: Weak foundations, exaggerated claims. Journal of Law and the Biosciences, 3, 538-575.  
[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3010827](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3010827)
- Koehler, J. J. (2016). Communicating probabilistic forensic evidence in court. In Allan Jamieson & Andre Moenssens (Eds.). Wiley Encyclopedia of Forensic Science. Also in Allan Jamieson & Scott Bader (Eds.). A Guide to Forensic DNA Profiling (pp 297-307). John Wiley & Sons, Ltd. Chichester, UK.  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2647034](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2647034)
- Koehler, J. J., & Meixner, J. B. (2015). Decision making and the law: Truth barriers. In Gideon Keren & George Wu (Eds.) The Wiley-Blackwell Handbook of Judgment and Decision Making (pp. 749-774).  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2217003](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2217003)
- Koehler, J. J. (2014). Forensic fallacies and a famous judge. Jurimetrics, 54, 211-19.  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2470606](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2470606)
- Cairns, J. A., & Koehler, J. J. (2014). Cruel and unusual punishments: A comparison of public and judicial opinion. Jurimetrics, 54, 109-134.  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2334963](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2334963)
- Koehler, J. J. (2013). Linguistic confusion in court: Evidence from the forensic sciences. Journal of Law and Policy, 21, 515-539. [Symposium issue]  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2227645](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2227645)
- Koehler, J. J. (2013). Proficiency tests to estimate error rates in the forensic

- sciences. Law, Probability & Risk, 12, 89-98.  
<http://lpr.oxfordjournals.org/content/early/2012/09/03/lpr.mgs013.full.pdf+html?sid=f9268544-d1a2-4782-a798-148dff21d25e>
- Koehler, J. J. (2011). If the shoe fits, they might acquit: The value of shoeprint testimony. Journal of Empirical Legal Studies, 8, 21-48.  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=1754763](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1754763)
- Koehler, J. J. & Meixner, J. (2011). Final Report to the National Science Foundation: Workshop on Cognitive Bias and Forensic Science.
- Mnookin, J. L., et al. (2011). The need for a research culture in the forensic sciences. UCLA Law Review, 58, 725-779.  
[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=1755722](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=1755722)
- Gershoff, A. D. & Koehler, J. J. (2011). Safety first? The role of emotion in safety product betrayal aversion. Journal of Consumer Research, 38, 140-150.  
[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=1755667](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=1755667)
- Koehler, J. J. (2011). Misconceptions about statistics and statistical evidence. In R. L. Wiener and B. H. Bornstein (Eds.). Handbook of Trial Consulting: A Psychological Perspective (pp. 121-133). NY: Springer.
- Koehler, J. J., & Saks, M. J. (2010). Individualization claims in forensic science: Still unwarranted. Brooklyn Law Review, 75, 1187-1208. [Symposium issue]
- Koehler, J. J. (2010). Forensic science reform in the 21st century: A major conference, a blockbuster report, and reasons to be pessimistic. Law, Probability & Risk, 9, 1-6. [Symposium Issue]
- Koehler, J. J. & Macchi, L. (2010). Comments on “Getting scarred and winning lotteries: Effects of exemplar cuing and statistical format on imagining low-probability events,” by Newell, Mitchell, and Hayes (2008). Journal of Behavioral Decision Making, 22, 523-527.
- Koehler, J. J. & Mercer, M. (2009). Selection neglect in mutual fund advertisements. Management Science, 55, 1107-1121.  
 [Winner, Best Paper in Behavioral Finance, 2009 Midwest Finance Association Conference]
- Koehler, J. J. (2009). Statistical evidence in court. In A. Jamieson & A. Moenssens (Eds.). Wiley Encyclopedia of Forensic Science (pp. 2401-2409). John Wiley & Sons, Chichester, UK.
- Koehler, J. J. (2008). Fingerprint error rates and proficiency tests: What they are and why

- [they matter](#). Hastings Law Journal, 59, 1077-1098. [Symposium issue]
- Saks, M. J. & Koehler, J. J. (2008). [The individualization fallacy in forensic science evidence](#). Vanderbilt Law Review, 61, 199-219.
- Koehler, J. J. (2008). [A welcome exchange on the scientific status of fingerprinting](#). Law, Probability & Risk, 7, 85-86.
- Dhami, M. K., Hastie, R., Koehler, J. J., & Wiener, R. L. (2007). [Introduction to the special issue: Decision making and the law](#). Journal of Behavioral Decision Making, 20, 453-4.
- Koehler, J. J. (2007). Comment: Experts who don't know they don't know. Interfaces, 37, 296-7.
- Saks, M. J. & Koehler, J. J. (2007). Out to lunch: Saks & Koehler reply to Rudin & Inman's commentary. The California Association of Criminalists News, 1<sup>st</sup> quarter 2007, 18-19.
- Koehler, J. J. & Thompson, W. C. (2006). [Mock jurors' reactions to selective presentation of evidence from multiple-opportunity searches](#). Law and Human Behavior, 30, 455-468.
- Saks, M. J. & Koehler, J. J. (2006). Questions about forensic science: Response. Science, 311, 607-610.
- Saks, M. J. & Koehler, J. J. (2006). [Comments on Bruce Budowle's presentation at the Sackler Colloquium on Forensic Science](#). Digital Proceedings of the National Academy of Sciences (Sackler Colloquium).
- Koehler, J. J. (2006). [Train our jurors](#). In G. Gigerenzer & C. Engel (Eds.). Heuristics and the Law. Dahlem Workshop Report 94. Cambridge, MA. The MIT Press.
- Piperides, C., Allen, R. J., Dhami, M. K., Flessner, A., Hastie, R., Koehler, J. J., Lempert, R., Schulz, J., & Wagner, G. (2006). What is the role of heuristics in litigation? In G. Gigerenzer & C. Engel (Eds.). Heuristics and the Law. Dahlem Workshop Report 94. Cambridge, MA. The MIT Press.
- Saks, M. J. & Koehler, J. J. (2005). [The coming paradigm shift in forensic identification science](#). Science, 309, 892-895.
- Koehler, J. J. & Gershoff, A. D. (2005). [Betrayal aversion is reasonable](#). Behavioral and Brain Sciences, 28, 556-7.  
[https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=1469677](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=1469677)
- Dutta, R. & Koehler, J. J. (2005). Pay now or later? The impact of temporal separation of

- payment and consumption on consumer product preferences. In K. Tomak (Ed.). Advances in the Economics of Information Systems. Idea Group Publishing.
- Koehler, J. J. & Macchi, L. (2004). [Thinking about low-probability events: An exemplar cuing theory](#). Psychological Science, *15*, 540-546.
- Koehler, J. J. (2004). [Which chance was lost? The psychology of damage awards under the loss of chance doctrine](#). In I. Brocas & J. D. Carrillo (Eds). The Psychology of Economic Decisions. Vol. 2: Reasons and Choices. Oxford: Oxford University Press.
- Kaye, D. H. & Koehler, J. J. (2003). [The misquantification of probative value](#). Law and Human Behavior, *27*, 645-659.
- Koehler, J. J. & Gershoff, A. D. (2003). [Betrayal aversion: When agents of protection become agents of harm](#). Organizational Behavioral and Human Decision Processes, *90*, 244-261. [Reprinted in Jeffrey J. Rachlinski (ed.), Behavioral Law and Economics, 2009]
- Prentice, R. A. & Koehler, J. J. (2003). [A normality bias in legal decision making](#). Cornell Law Review, *88*, 583-650.
- Koehler, J. J. & Conley, C. A. (2003). [The “hot hand” myth in professional basketball](#). Journal of Sport and Exercise Psychology, *25*, 253-259.
- Koehler, J. J. (2003). [Life Sciences, Technology and the Law Symposium Transcript](#). Michigan Telecommunications and Technology Law Review, *10*, 175-284 @ 197-203). [Symposium issue]
- Koehler, J. J. (2002). [When do courts think base rate statistics are relevant?](#) Jurimetrics Journal, *42*, 373-402.
- Koehler, J. J. (2002). [Assume a can opener: Richard Posner’s perspective on Election 2000](#). Law, Probability & Risk, *1*, 75-82.
- Koehler, J. J. (2001). [When are people persuaded By DNA match statistics?](#) Law and Human Behavior, *25*, 493-513.
- Koehler, J. J. (2001). [The psychology of numbers in the courtroom: How to make DNA match statistics seem impressive or insufficient](#). Southern California Law Review, *74*, 1275-1306.
- Lyon, T. D. & Koehler, J. J. (1998). [Where researchers fear to tread: Interpretive differences among testifying experts in child sexual abuse cases](#). In S. Ceci & H. Hembrooke (Eds.). What Can (And Should) an Expert Tell The Court. Washington D.C.: American



Psychological Association.

- Koehler, J. J. (1997). [Why DNA likelihood ratios should account for error \(even when a National Research Council report says they should not\)](#). Jurimetrics Journal, 37, 425-437.
- Koehler, J. J. (1997). [One in millions, billions and trillions: Lessons from People v. Collins \(1968\) for People v. Simpson \(1995\)](#). Journal of Legal Education, 47, 214-223. [Symposium issue]
- Koehler, J. J. (1997). [A farewell to normative null hypothesis testing in base rate research](#). Behavioral and Brain Sciences, 20, 780-783.
- Koehler, J. J. (1996). [Issues for the next generation of base rate research](#). Behavioral and Brain Sciences, 19, 41-53.
- Koehler, J. J. (1996). [The base rate fallacy reconsidered: Normative, descriptive and methodological challenges](#). Behavioral and Brain Sciences, 19, 1-53.
- Lyon, T. D. & Koehler, J. J. (1996). [The relevance ratio: Evaluating the probative value of expert testimony in child sexual abuse cases](#). Cornell Law Review, 82, 43-78.
- Koehler, J. J. (1996). [On conveying the probative value of DNA evidence: Frequencies, likelihood ratios and error rates](#). University of Colorado Law Review, 67, 859-886. [Symposium issue]
- Koehler, J. J., Chia, A. & Lindsey, J. S. (1995). [The random match probability \(RMP\) in DNA evidence: Irrelevant and prejudicial?](#) Jurimetrics Journal, 35, 201-219.
- Koehler, J. J. (1995). [Discussion: Inference in forensic identification](#). Journal of the Royal Statistical Society, Series A, 158, 47.
- Koehler, J. J. (1995). [Decision theory for a general audience](#). Contemporary Psychology, 40, 315-316.
- Koehler, J. J., Gibbs, B. J. & Hogarth, R. M. (1994). [Shattering the illusion of control: Multi-shot versus single-shot gambles](#). Journal of Behavioral Decision Making, 7, 183-191.
- Koehler, J. J. (1994). [Fallacy under fire--Round 2: A response to Fletcher, Funder, and Macchi](#)" Psychology, 5(21) base-rate.13.koehler.
- Koehler, J. J. (1994). [Base rates and the "illusion illusion": A response to Ayton, Gregson, Hamm, Koonce, McCauley, McKenzie & Spellman](#). Psychology, 5(9) base-rate.9.koehler.

- Koehler, J. J. (1993). The base rate fallacy myth. Psychology, 4(49) base-rate.1.koehler.
- Koehler, J. J. (1993). The normative status of base rates at trial. In N. J. Castellan (Ed.). Individual and Group Decision Making (pp. 137-149). Hillsdale, NJ: Erlbaum.
- Koehler, J. J. (1993). [The influence of prior beliefs on scientific judgments of evidence quality.](#) Organizational Behavior and Human Decision Processes, 56, 28-55.
- Koehler, J. J. (1993). [Error and exaggeration in the presentation of DNA evidence.](#) Jurimetrics Journal, 34, 21-39.  
[Also appears in Proceedings of the Second International Conference on Forensic Statistics, A17-A35 (1993).]
- Koehler, J. J. (1993). [DNA matches and statistics: Important questions, surprising answers.](#) Judicature, 76, 222-229.
- Koehler, J. J. (1993). The facts about DNA typing: Professor Koehler responds. Judicature, 77, 55-57.
- Koehler, J. J. (1992). Probabilities in the courtroom: An evaluation of the objections and policies. In D. K. Kagehiro & W. S. Laufer (Eds.). Handbook of Psychology and Law (pp. 167-184). NY: Springer-Verlag.
- Kaye, D. H. & Koehler, J. J. (1991). [Can jurors understand probabilistic evidence?](#) Journal of the Royal Statistical Society, Series A, 154, part 1, 75-81.
- Koehler, J. J. (1991). [The probity-policy distinction in the statistical evidence debate.](#) Tulane Law Review, 66, 141-150.
- Saks, M. J. & Koehler, J. J. (1991). [What DNA "fingerprinting" can teach the law about the rest of forensic science.](#) Cardozo Law Review, 13, 361-372. [Symposium issue]
- Koehler, J. J. & Shaviro, D. N. (1990). [Veridical verdicts: Increasing verdict accuracy through the use of overtly probabilistic evidence and methods.](#) Cornell Law Review, 75, 247-279.
- Koehler, J. J. (1990). Judgments of evidence quality among scientists as a function of prior beliefs and commitments. Dissertation Abstracts International, 50, 3194.
- Koehler, J. J. (1990). [Review of The Evolving Role of Statistical Assessments as Evidence in the Courts by Stephen E. Fienberg]. Judgment/Decision Making Newsletter, 9, 5.

Koehler, J. J. (1990). [Review of *Statistics in Dentistry*, 2nd ed., by J. S. Bulman & J. F. Osborn]. *General Dentistry*, 38, 310-11.

De Wit, H., Hogarth, R. M., Koehler, J. J. & Luchins, D. J. (1989). [Effects of Diazepam on a belief-updating task](#). *Psychological Reports*, 64, 219-226.

## **INVITED PRESENTATIONS & CONFERENCE PAPERS**

National Forensic College, online, July 2021.

American Society of Crime Laboratory Directors, Forensic Research Comm, online, Jan. 2021.

Max Planck Institute, Behav. Law & Econ. Research Group, online, Oct. 2020.

American Academy of Forensic Sciences, Anaheim, CA Feb. 2020.

Appellate Judges Education Institute, Atlanta, GA Nov. 2018.

International Bar Association Annual Litigation Forum, Chicago, IL May 2018.

Cornell University, Behav. Econ. & Decision Research Workshop, Ithaca, NY, April 2018.

Judicial Conference Advisory Committee on Evidence Rules, Symposium on Forensic Expert Testimony, *Daubert*, and Rule 702, Boston College Law School, Oct. 2017.

Transcript of Koehler presentation available at: Capra, D. J. (2018). Symposium on forensic expert testimony, *Daubert*, and Rule 702. *Fordham Law Review*, 86, 1507-1510. <https://ir.lawnet.fordham.edu/cgi/viewcontent.cgi?article=5472&context=flr>

Forensic Science Seminar, University of Virginia School of Law, Charlottesville, VA Oct. 2017

Int'l Conference on Forensic Inference and Statistics, Minneapolis, MN Sept. 2017.

American Society of Trial Consultants, Chicago, IL June 2017.

USC, Law and Social Science Workshop, Los Angeles, CA Oct. 2016.

The Wharton School, U. Penn, Decision Processes Seminar, Philadelphia PA March 2016.

American Bar Foundation, Chicago IL January 2016.

President's Council of Advisors on Science & Technology (PCAST), Forensic Science Workshop, Cambridge, MA Oct. 2015.

IEEE International Conference on Biometrics, Keynote speaker, Washington D.C. Sept. 2015

Cook County Public Defenders Meeting, Forensic Bias and Error Meeting, May 2015.

American Bar Association Symposium, The Role of the Courts in Improving Forensic Science, Chicago, IL April 2015.

Foundations of the Law of Evidence, Northwestern Law School, Chicago, IL Nov. 2014.

Workshop on Research Design for Causal Inference, Northwestern Law School, Chicago, IL July 2014 (discussant).

Texas Center for the Judiciary, Criminal Justice Conference, Rockwall, TX May 2014.

University of Chicago, Booth School of Business, Chicago, IL Oct. 2013.

UCLA Law School, Los Angeles, CA Sept. 2013.

Illinois Division of the International Association for Identification, St. Charles, IL May 2013.

American Society of Criminology, Miscarriages of justice: Broadening methodology in innocence research, Chicago, IL Nov. 2012.

Brooklyn Law Workshop, Authorship Attribution Workshop, Brooklyn, NY Oct. 2012.

John Jay College of Criminal Justice, Future of Jury Research, New York, NY Sept. 2012.

Conference on Empirical Legal Studies, Northwestern Law School, Chicago, IL Nov. 2011.

Roosevelt University, Wrongful Convictions Distinguished Speaker Series, Chicago, IL

Oct. 2011.

International Conference on Forensic Inference and Statistics, Seattle, WA, July 2011.

American Academy of Forensic Sciences Annual Scientific Meeting, Criminalistics Section, Chicago, IL, February, 2011.

Association of American Law Schools, Section on Evidence ("The Future of Statistics in Evidence Law"), SF, CA, January 2011.

Cornell Law School, Judgment by the Numbers Symposium, Ithaca, NY, October 2010.

Workshop on Cognitive Bias and Forensic Science, National Science Foundation & Searle Center at Northwestern Law School, Chicago, IL, September, 2010.

American Society of Crime Laboratory Directors (ASCLD/LAB), Board of Directors Meeting, St. Louis, MO, June 2010.

UCLA Law School, Program on Understanding Law, Science, and Evidence, Los Angeles, CA February 2010.

Conference on Empirical Legal Studies, USC Law School, Los Angeles, CA, November 2009.

Forensic Science for the 21st Century: The National Academy of Sciences Report and Beyond, Tempe, AZ, April 2009.

Midwest Finance Association, Chicago, IL, March 2009

UCLA Center for Society and Genetics Annual Symposium, Los Angeles, Jan 2009.

U. of Chicago, Graduate School of Business, Chicago, IL, April 2008.

Northwestern Law School, Chicago, IL, April 2008.

Hastings Law School, The Faces of Forensics: Identification and Behavior Symposium, San Francisco, CA, March 2008.

U. of Illinois College of Law, San Francisco, CA, March 2008.

Arizona State U., Sandra Day O'Connor College of Law and Carey School of Business, Tempe, AZ, Feb. 2007.

Conference on Empirical Legal Studies, U. of Texas School of Law, Austin, TX, Oct. 2006 (commentator).

Forensic Bioinformatics: The Science of DNA Profiling, Dayton, OH. Aug., 2006. Keynote Speaker (with M. Saks).

Forensic Bioinformatics: The Science of DNA Profiling (2<sup>nd</sup> paper), Dayton, OH. Aug., 2006.

Northwestern U. School of Law, Chicago, IL, Nov. 2004.

UCLA School of Law and Interdisciplinary Group in Behavioral Decision Making, Los Angeles, CA, Nov. 2004.

94<sup>th</sup> Dahlem Workshop on Heuristics and the Law, Berlin, Germany, June 2004.

Association for Consumer Research, Toronto, Canada (w/ A. D. Gershoff), Oct. 2003.

U. of Michigan Law School, Life Sciences, Technology, and the Law, Ann Arbor, MI, March 2003. Transcript available at: <http://www.mttlr.org/volten/transcript.pdf>

International Conference on Forensic Statistics, Venice, Italy (w/ W. Thompson), Aug. 2002.

Judgment and Decision Making Society, Kansas City, MO (w/ M. Mercer), Nov. 2002.

Association for Consumer Research, Atlanta, GA (w/ J. Gourville), Oct. 2002.

California State U., Department of Mathematics, Fresno, CA, May 2002.

Behavioral Decision Research in Management, Chicago, IL (w/ M. Mercer), May 2002.

Behavioral Decision Research in Management, Chicago, IL (w/ J. Gourville), May 2002.

American Psychology-Law Society, Austin, TX (w/ W. Thompson), March 2002.

Center for Economic Policy Research (CEPR), Conference on Psychology and Economics, ECARES, Brussels, Belgium. Paper available at <http://www.cepr.org/meets/wkcn/3/3509/Papers/Koehler.pdf> (w/ A. Brint), June 2001.

Dartmouth College, Ethics Institute, Hanover, NH, June 2001.

Wharton School of Business, Decision Sciences Workshop, Philadelphia, PA, April 2000

American Psychology-Law Society, Redondo Beach, CA, April 2000.

New Hampshire Criminal Defense Attorney Annual Conference, Manchester, NH, Nov. 1999.

Ohio State U., Department of Psychology, Quantitative Workshop, Columbus, OH. April 1999.

European Science Foundation (Network on Human Reasoning and Decision Making), Milan, Italy (w/ L. Macchi), Feb. 1999.

International Conference on Forensic Statistics, Raleigh, NC, Dec. 1999 (2 papers).

Harvard U., Harvard Business School, ARG Workshop, Cambridge, MA, Oct. 1998.

Harvard U., Behavioral Economics Seminar, Cambridge, MA, Oct. 1998.

Harvard U., Social Psychology Research Workshop, Cambridge, MA (w/ Andrew Gershoff), Oct. 1998.

Dartmouth College, Ethics Institute, Hanover, NH, Aug. 1998.

Judgment and Decision Making Society, Dallas, TX (w/ L. Macchi), Nov. 1998.

American Association for the Advancement of Science, Philadelphia, PA, Feb. 1998.

American Psychology-Law Society, Redondo Beach, CA, March 1998.

Texas Department of Public Safety and Albuquerque Police Department, DNA/Serology Laboratory, Austin, TX, Nov. 1997.

Dartmouth College, Ethics Institute, Hanover, NH, Aug. 1997.

Texas Department of Public Safety and Albuquerque Police Department, DNA/Serology Laboratory, Austin, TX, Jan. 1997.

American Psychological Association, Chicago, IL (w/ L. Macchi), Aug. 1997.

International Conference on Forensic Statistics, Edinburgh, Scotland, July 1996.

Stanford Law School, Meeting on Organizational and Behavioral Economics, Stanford, CA, Oct. 1996.

U. of Milan, Department of Psychology, Milan, Italy, July 1996.

Symposium: A Criminal Procedure? O.J. Simpson and the Criminal Justice System on Trial, U. of Colorado School of Law, Boulder, CO, Feb. 1996.

U. of Oklahoma, Law School, Norman, OK, Feb. 1996.

American Association of Law Schools, Section on Evidence, San Antonio, TX, Jan. 1996.

Judgment and Decision Making Society, Los Angeles, CA, Nov. 1995.

American Accounting Association, Orlando, FL (w/ S. Salterio), Aug. 1995.

Canadian Academic Accounting Association, Montreal (w/ S. Salterio), June 1995.

Bucknell U., Depts. of Political Science & Sociology, Lewisburg, PA, Oct. 1995.

Texas Center for the Judiciary, College of Advanced Judicial Studies, Austin, TX, March 1995.

Calgary-Edmonton Annual Accounting Workshop, Alberta (w/ S. Salterio), Aug. 1994.

American Psychology-Law Society, Santa Fe, NM (w/ A. Chia & S. Lindsey). March 1994.

American Psychology-Law Society, Santa Fe, NM (w/ T. Lyon), March 1994.

Bayesian Research Conference, Los Angeles, CA, Feb. 1994.

National Research Council, Committee on DNA Forensic Science, Washington D.C, Nov. 1994.

San Francisco Bar Association, San Francisco, CA, Sept. 1994.  
Florida Public Defender's Association, Ft. Lauderdale, FL, Dec. 1993.  
Stanford U., Department of Psychology, Stanford, CA, July 1993.  
American Statistical Association, local chapter, Austin, TX, April 1993.  
International Conference on Forensic Statistics, Tempe, AZ, March 1993.  
Judgment and Decision Making Society, St. Louis, MO, Nov. 1992.  
U. of Chicago, Graduate School of Business, Center for Decision Research, Chicago, IL.  
Nov. 1992.  
Stanford U., Psychology and Law Workshop, Stanford, CA, March 1991.  
Social Psychology in Texas, Austin, TX, Jan. 1991.  
U. of Pennsylvania, Wharton School of Business, Philadelphia, PA, March 1990.  
U. of California, Department of Cognitive Sciences, Irvine, CA, Feb. 1990.  
U. of Oregon, Institute of Cognitive and Decision Sciences, Eugene, OR, Feb. 1990.  
Wesleyan U., Department of Psychology, Middletown, CT, Feb. 1990.  
American Psychological Association, Boston, MA, Aug. 1990.  
Western Psychological Association, Long Beach, CA, April 1990.  
Int'l Conf. on Forensic Statistics, U. of Edinburgh, Scotland (w/ D. H. Kaye), April 1990.  
U. of Iowa, School of Law, Ames, IA, March 1989.  
U. of California, Graduate School of Business, Berkeley, CA, Feb. 1989.  
American Bar Foundation, Chicago, IL, Feb. 1988.  
Stanford U., Department of Psychology, Stanford, CA, Nov. 1988.

## **TEACHING EXPERIENCE**

### *Teaching ratings:*

*Northwestern: 5.7 out of 6 (9 year median instructor rating)*

*University of Texas: 4.7 out of 5 (18 year median instructor rating)*

*Texas Center for the Judiciary, Criminal Justice Conference (2014): 4.9 out of 5*

Evidence, Northwestern Law, 2011-present.

Quantitative Reasoning in the Law, Northwestern Law, JD & MSL, 2011, 2017-present.

Forensic Science, Northwestern Law, JD, & Masters of Science in Law (MSL), 2015-present.

Judgment and Decision Making, Northwestern Law, Masters of Science in Law, 2016.

Statistics and Probability, Northwestern Law, Masters of Science in Law, 2014-2016.

Evidence, Northwestern Law, JD, 2009 (w/ K. Bilz).

Law and Psychology Colloquium, Northwestern Law, JD, 2009 (w/ K. Bilz), 2011.

Scientific Evidence, Attorney Generals Program, Searle Center, Northwestern, 2010-2012.

Scientific Evidence & Quantitative Reasoning, Judicial Education Program: Economics Institute  
for Judges, Searle Center, Northwestern, 2010-2012.

Decision Making, Leadership, & Teamwork (w/ K. Heinze), Northwestern Law, JD, 2010.

Business Statistics, ASU, W.P Carey School of Business (undergraduate), 2007-2009.

Probability and Science in Court, ASU, Sandra Day O'Connor College of Law, 2007-2009.

Business Statistics (undergraduate, honors), UT, Business Honors Program, 1995-2006.

Managerial Data and Decision Analysis (Executive MBA, Mexico City), UT, 2001-2006.

Statistics and Decision Analysis (Texas Evening MBA), UT, 2004.

Managerial Data and Decision Analysis (Executive MBA, Dallas), UT, 2003 (50% of class).

Probability and Science in the Courtroom (graduate/law), UT School of Law, 1995-2003  
Probabilistic Reasoning in the Law (graduate/law), UT School of Law, 1992-2003  
Behavioral Decision Theory (doctoral), UT, Graduate School of Business, 1992-1995  
Research in Probabilistic Judgment (undergraduate & graduate), UT, College and Graduate School of Business, 1997.

Research Issues in Decision Making (doctoral), UT, Graduate School of Business, 1993.

Decision Analysis (MBA & MPA), UT, Graduate School of Business, 1991-1996.

Law and Social Science (law), Stanford Law School (w/ D. L. Rosenhan), 1990.

Behavioral Statistics (undergraduate), Stanford U., 1990.

Managerial Decision Making (MBA), U. of Chicago, Graduate School of Business, 1988.

#### *Additional Courses*

Business Research (undergraduate, honors, independent study course), 2001.

Teachers as Scholars (seminar in reasoning, for secondary school teachers), 2001.

## **PROFESSIONAL ACTIVITIES**

National Registry of Exonerations Advisory Group for Forensics, 2020-present.

Human Factors Committee Affiliate, National Institute of Standards and Technology 2015-present.

International Advisory Group: Royal Statistical Society: Statistics and the Law Working Group, 2009-present.

Organizer: Workshop on Cognitive Bias and Forensic Science, National Science Foundation & Searle Center at Northwestern Law School, September, 2010.

Co-organizer: Forensic Science for the 21st Century: The National Academy of Sciences Report and Beyond, Arizona State University, April 2009 (with David Kaye and Michael Saks).

Expert Working Group on Human Factors in Latent Print Analysis (National Institute of Standards), 2008-2009 (resigned).

Session Chair: International Conference on Forensic Statistics, 2002.

Session Chair: Society for Judgment and Decision Making, 2000, 1992.

### Reviewer

\* *Granting Agencies*: National Science Foundation: Law and Social Science, National Science Foundation: Decision, Risk, & Management Science, National Institute of Justice, The Israel Science Foundation, Netherlands Organisation for Scientific Research, Division of Chemical & Physical Sciences, Forensic Science Programme.

\* *Journals (general)*: Science, Plos One

\* *Journals (legal)*: Journal of Legal Studies, Journal of Empirical Legal Studies, Law and Human Behavior, Law and Society Review, Law, Probability & Risk, Jurimetrics Journal, Psychology, Crime and Law, Behavioral Sciences and the Law, Journal of Criminology and Criminal Law, Science and Justice, Stanford Law Review, Yale Law Journal, Northwestern Online Law Review

\* *Journals (psychology and business)*: Psychological Review, Psychological Science, Journal of Personality and Social Psychology, Behavioral and Brain Sciences, Journal of Experimental Psychology: Learning, Memory and Cognition, Cognitive Science, Journal of Experimental Psychology: Applied, Journal of Experimental Psychology: General, Journal of Consumer

Research, Organizational Behavior and Human Decision Processes, Journal of Behavioral Decision Making, Judgment and Decision Making, Theory and Decision, Interfaces, Memory and Cognition, Psychonomic Bulletin & Review, British Journal of Social Psychology, European Journal of Social Psychology, Public Policy and the Law, Acta Psychologica, Journal of Quantitative Analysis in Sports, Psychology of Sport and Exercise, Psycology, Perceptual and Motor Skills / Psychological Reports, American Law and Economics Review, Consciousness & Cognition, RAND

\* *Conferences*: Conference on Empirical Legal Studies, American Psychology-Law Society

\* *Publishers*: Harvard University Press, Worth

Local Service (recent): Curriculum Committee 2019-2021; Faculty Appeals Panel, NU (2018-2020); Faculty Advisory Committee, NU Law 2017-2019; Northwestern Law Review, Empirical Advisory Board, 2018-present; Promotion Subcommittee (Kugler); Workshop Committee, 2016-17; One Book Steering Committee, 2016-17; Tenure / Promotion Subcommittee, Chair (Eigen), 2014-5; Personnel Subcommittee (lateral hire), NU, 2014; Dissertation Thesis Examiner, (Thompson), U. Queensland, Australia, 2014; Registrar Search Committee, NU, 2013; Third Year Review Committee (Eigen), NU, 2012; Faculty Advisor, Senior Projects (multiple).NU, 2011-present; Dissertation Committee (Meixner), NU, 2011-2013; Administrative Principal Investigator, National Science Foundation grant 0921869 (Epstein, PI), 2011-2013; Grants Committee (Chair), NU, 2010-2012; Outside reviewer for law faculty & deans, 2010-present; Workshop Committee (Chair), NU, 2011 (partial year); Appointments Committee: Sandra Day O'Connor College of Law, Arizona State University 2008-2009; Undergraduate Program Task Force (Chair): Sandra Day O'Connor College of Law, Arizona State University 2008-2009.

Expert Witness / Consulting (on quantitative evidence): *State (TX) v. Russo*, 2/04 (consultant), *State (Mo) v. R. Williams*, 4/03 (consultant), *A & G Healthcare Services*, Dallas, TX, 12/02 (consultant), *U.S. v. Keith*, (U.S. Dist., N. Dist. Tex., Ft. Worth Div.), 3/99-1/02 (consultant), *Viazis v. AAO*, (TX) 3/99-11/00 (consultant), *State (TX) v. L. Blaylark*, 1/00 (consultant), *U.S. v. Mitchell*, 6/99 (consultant), *People (CA) v. Miles*, 1/99 (witness, admissibility hearing), 3/99 (witness), *People (CA) v. Abujaber & People (CA) v. Williams*, 11/98 (witness, admissibility hearing), *State (TX) v. Gage*, 3/98 (witness), *State (TX) v. R. Scaggs*, 3/98 (consultant), *City of Friendswood (TX) v. Exxon Pipeline Co.*, 11/97 (consultant), *Thera-Med Devices, Inc. v. U.S. Fire Insurance et al.* 1/97 (TX) (consultant), *State (TX) v. M.G. Williams*, 1/97 (consultant), *U.S. v. Shea*, 8/96 (NH Federal Court) (witness, admissibility hearing), *People (CA) v. Purcell*, 5/96 (consultant), *U.S. Military Academy v. Cadet Dean B. Roberts*, 4/96 (witness, hearing), *State (TX) v. Gantt*, 3/96 (consultant), *State (TX) v. Griffith*, 1/96 (witness), *Commonwealth of Massachusetts v. Vao*, 10/95 (witness, admissibility hearing), *People (CA) v. O. J. Simpson*, 6/95, 10/94 (consultant), *State (TX) v. Hepner*, 6/95 (witness, admissibility hearing), *Commonwealth of Virginia v. Hodges*, 6/95 (witness), 3/96 (witness), *State (LA) v. Ford*, 10/94 (witness), *State (MN) v. Bloom*, 8/94 (witness), *Her Majesty the Queen R v. Love* (Canada), 6/94 (witness), *State (TX) v. Hopkins*, 5/94 (witness), *State (TX) v. Mitchell*, 1992 (witness), *State (TX) v. Wooten*, 1992 (consultant), Heller, Ehrman, White & McAuliffe, San Francisco, 1990 (analyzed methodological features of the observer coverage program for foreign tuna vessels).



DNA Statistical Training: Texas Department of Public Safety, DNA/Serology Laboratory,  
Austin, TX, 1995-1999.

Judge: Statistics Prize: Texas State Science and Engineering Fair, 1997.

Television Interviews (recent)

- \* CBS News, Chicago – aired 3-4-16 (O.J. Simpson case)
- \* CBS Sunday Morning News – aired 10-12-14 (coincidence).  
<http://www.cbsnews.com/news/just-a-coincidence-or-a-sign/2/>
- \* Science Channel - Through the Wormhole with Morgan Freeman, aired 2014 (hot hand)

Radio Interviews

- \* National Public Radio (NPR) (Here and Now: [“Why flawed evidence makes it to trial,” August 4, 2011](#))
- \* National Public Radio (NPR) (Radio Lab: [“Stochasticity,” June 2009](#))
- \* National Public Radio (NPR) (Talk of the Nation: [“Finding fault with forensics,” August 5, 2005](#))
- \* KUT Radio ("Probability and odds," 2003; "The future and limits of DNA evidence," 1995).
- \* KFYI Radio (Wake Up, Arizona: DNA statistics, Phoenix, AZ, 1998, 1994).

“Excited Utterance” Evidence Podcast Interview

- \* Interviewed by Ed Cheng (topic: forensics), 2016  
<https://www.excitedutterancepodcast.com/listen/2016/11/21/14-jay-koehler>