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CURRICULUM VITAE

1/1/2025

EDUCATION

1981-1987. Ph.D., Molecular biology/Genetics, Department of Biology, Brandeis University, Waltham, Massachusetts

1975-1979. B.A., Zoology, Pomona College, Claremont, California

PROFESSIONAL ACTIVITIES

1991-present. Forensic DNA Consultant

1999-2002. Acting DNA Technical Leader (consultant), San Diego Sheriff's Office DNA Laboratory.

1999. Acting DNA Technical Leader (consultant), San Francisco Police Department Criminalistics Laboratory

1997-1999. Acting DNA Technical Leader (consultant), Idaho State Department of Law Enforcement DNA Laboratory

1997-2004. Developer, instructor of online courses with Knowledge Solutions; *Introduction to Forensic DNA, Fundamentals of Forensic Science, Arson and Explosives, Toolmarks and Firearms*

1995-2001. Instructor, University of California at Berkeley Extension; *Survey of Forensic Sciences*, *Fundamentals of Forensic DNA, Careers in Forensic Science, Advanced Topics in Forensic Science*

1991-1993. DNA Technical Leader, California State Department of Justice DNA Laboratory

1987-1990. Post-doctoral fellow, Lawrence Berkeley Laboratory, Berkeley, California

PROFESSIONAL ORGANIZATIONS

California Association of Criminalists (CAC)
American Academy of Forensic Science (AAFS), Fellow
American Board of Criminalistics (D-ABC), Diplomate (2000-2022)
American Association for the Advancement of Science (AAAS)

SOFTWARE

Principal in SCIEG, a non-profit company, that provides training and education in probabilistic genotyping and forensic DNA and forensic science. SCIEG previously produced *Lab Retriever*, a free, open-source software tool for calculating likelihood ratios for complex profiles. The software has been deprecated.

AWARDS, HONORS

2014-2015. National Institute of Justice Grant 2013-DN-BX-K029 2013-DN-BX-K029. Advancing probabilistic approaches to interpreting low-template DNA profiles and mixtures: Developing theory, implementing practice. (Co-PIs Kirk Lohmueller and Keith Inman)

2013. The Constitution Project; Committee on DNA Collection; Co-chair

2009. Service Award, California Association of Criminalists

2007. Reviewer, United Nations Office of Drug and Crime Manual

2007-2011. Commonwealth of Virginia Scientific Advisory Committee

1983-1985. National Institute of Health genetics training grant

1981-1985. Goldwyn Fellowship

SELECTED INVITED SPEAKING ENGAGEMENTS

2024. Invited participant, Workshop on Law Enforcement use of Probabilistic Genotyping, Forensic DNA Phenotyping, and Forensic Investigative Genetic Genealogy Technologies. NAS, Washington, D.C.

2018. Invited Speaker, Probabilistic Genotyping for attorneys; Transfer, prevalence, persistence and recovery of DNA, Legal Aid Society, New York, NY.

2016. Invited participant, President's Council of Advisors on Science and Technology (PCAST) panel discussion of forensic science practices, Washington D.C.

2014. Invited Speaker, Forensic DNA 101; Know the Code, Virginia Indigent Defender Conference, Newport News, VA.

2010. Invited Speaker, The Science and Fiction of Forensic Science, *Pomona College Alumni Association*, Palo Alto, CA.

2009. Invited Speaker, What's an Allele Between Friends and other Y-STR topics, *DePaul University Law School Conference on Science and the Law*, Chicago, IL.

2008. Invited Speaker, Sequential Unmasking, *DePaul University Law School Conference on Science and the Law*, Chicago, IL.

2007. Invited Speaker, Debunking CSI, *University of Santa Clara Law School*, Santa Clara, CA, 2007

2007. Invited Speaker, DNA Transfer, *DNA boot camp, organized by the Minnesota Public Defender Office*, Brainerd, MN.

2007. Invited Speaker, Forensic DNA: The Science and Fiction of Forensic Science, *American Chemical Society*, Berkeley, CA.

2007. Invited Speaker, Literature Review of Transfer, *DePaul University Law School Conference on Science and the Law*, Chicago, IL.

2006. Invited Speaker. Mitochondrial DNA in GA v. Vaughn: A Case Example. *The Science of DNA Profiling*, Dayton, OH.

2006. Invited Speaker, The Science of Individualization, or is it?, *European Academy of Forensic Sciences*, Helsinki, Finland.

2006. Invited Speaker, The Threshold Effect, *DePaul University Law School Conference on Science and the Law*, Chicago, IL.

2005. Invited Speaker, How to work with a DNA expert, *California Public Defender's Association*, Monterey, CA.

2005. Faculty, DNA Cross Examination College, national trial skills conference organized by the *Public Defender Service of the District of Columbia*, Washington, D.C.

2004. Invited Speaker, European Circuit Conference, USAF, Garmish, Germany.

2002. Invited Speaker, Death Penalty Defense Seminar, *California Association for Criminal Justice/California Public Defender's Association*, Monterey, CA.

2001. Invited Speaker, Forensic DNA and the Law conference, *The Cyril H. Wecht Institute for Forensic Science and Law*, Duquesne University, Pittsburgh, PA.

1998. Invited Speaker, Introduction to Forensic DNA Analysis; Technical issues in forensic DNA casework. *VIII Simposio Internacional de Criminalistica*, Cartegena, Colombia.

TRAINING PROVIDED

Forensic DNA 101, Santa Clara County Public Defender's office, Oct. 24, 2024

Advanced topics in forensic DNA, Santa Clara County Public Defender's office, Nov. 7, 2024

4-day training on probabilistic genotyping, EuroForMix, Forensic 360, March, 2021

Webinar: Introduction to Probabilistic Genotyping, January 29, 2021

Webinar: Introduction to Probabilistic Genotyping, July 31, 2020

Webinar: A discussion of DNA Transfer, July 31, 2020

1-day training on interpretation of complex mixtures for attorneys, Santa Clara County Public Defender's office, Nov. 8, 2019

2.5-day training on forensic DNA for attorneys, Advanced trial advocacy, International Criminal Courts (ICC), The Hague, Netherlands, Sep. 28-30, 2018

1-day training on probabilistic genotyping for attorneys, California Innocence Project, May 11, 2018

2-day training on probabilistic genotyping for attorneys, Cook County Public Defender's Office, May 2-3, 2018

2-day training on interpretation of forensic science evidence. Denver PD forensic science laboratory, Oct 15-16, 2018 [with Glenn Langenburg, Cedric Neumann]

1-day CLE training on probabilistic genotyping for attorneys. Oct 13, 2017

3.5-day training on forensic statistics, likelihood ratios incorporating a probability of drop-out, Lab Retriever statistical software, Denver PD forensic DNA laboratory, Aug 8-11, 2017.

1-day CLE training on probabilistic genotyping for attorneys. July 1, 2017

3-day training on forensic statistics, likelihood ratios incorporating a probability of drop-out, Lab Retriever statistical software, Lake Co. crime laboratory, June 20-22, 2017.

1-day training on forensic statistics, likelihood ratios incorporating a probability of drop-out, SWAFS, Sept. 29, 2016

1-day training on forensic statistics, likelihood ratios incorporating a probability of drop-out, AFDAA Summer workshop, June 15, 2016

2-day training on forensic statistics, likelihood ratios incorporating a probability of drop-out, Allegheny Co. PA, June 11-12, 2016

3-day training on forensic statistics, likelihood ratios incorporating a probability of drop-out, Lab Retriever statistical software, Johnson Co., KS, June 28-30, 2016

1-day training on forensic statistics, likelihood ratios incorporating a probability of drop-out, Lab Retriever statistical software, AFDAA Winter workshop, Jan. 21, 2015

3-day training on forensic statistics, likelihood ratios incorporating a probability of drop-out, Lab Retriever statistical software, Cayman Islands Health Authority Forensic DNA laboratory, Mar 23-25, 2015.

1-day training on forensic statistics, likelihood ratios incorporating a probability of drop-out, Lab Retriever statistical software, San Francisco forensic DNA laboratory, Nov. 6, 2014

1-day training on forensic statistics, likelihood ratios incorporating a probability of drop-out, Lab Retriever statistical software, SWAFS, Sept. 25, 2014

3-day training on forensic statistics, likelihood ratios incorporating a probability of drop-out, Lab Retriever statistical software, Jefferson Co. Regional Crime laboratory, Sept. 9-11, 2014

3-day training on forensic statistics, likelihood ratios incorporating a probability of drop-out, Lab Retriever statistical software, Oregon State Police forensic DNA laboratory, July 22-24, 2014

2-day training on Advanced Topics in Forensic DNA Profiling, Cook County Public Defender Office, June 26-27, 2014

1-day training on forensic statistics, likelihood ratios incorporating a probability of drop-out, Lab Retriever statistical software, MAFS, June 9, 2014

1.5-day training on forensic statistics, likelihood ratios incorporating a probability of drop-out, Lab Retriever statistical software, NEAFS, May 21-22, 2014

½ day training on forensic statistics, likelihood ratios incorporating a probability of drop-out, Lab Retriever statistical software, MAAFS, May 20, 2014

3-day training on forensic statistics, likelihood ratios incorporating a probability of drop-out, Lab Retriever statistical software, Denver PD forensic DNA laboratory, July 15-17, 2013.

Invited Lecturer, *Institut de police scientifique et de criminologie*, University of Lausanne, Switzerland, 2001.

BOOKS AND CHAPTERS

Inman, K. and Rudin N. *Sequential Unmasking*: Minimizing Observer Effects in Forensic Science., Encyclopedia of Forensic Sciences 2nd Ed. Siegel, J.A., Saukko, P.J., Waltham:Academic Press, 2013.

Rudin N. and Inman, K. *An Introduction to Forensic DNA Analysis*, CRC Press Inc., Boca Raton, FL. 1997, 2001.

Inman, K. and Rudin, N. *Principles and Practice of Criminalistics: The Profession of Forensic Science*, CRC Press Inc., Boca Raton, FL, 2000.

Rudin N. and Inman, K. Editors, *Protocols in Forensic Science* series, CRC Press, incl. *Scientific Protocols for Forensic Examination of Clothing*, Jane Taupin and Chesterene Cwiklik; *Scientific Protocols for Fire Investigation*, John Lentini; *Ethics in Forensic Science: Professional Standards for the Practice of Criminalistics*, Peter Barnett.

Rudin, N. *Dictionary of Modern Biology*. Barron's Educational, Hauppauge, NY. 1997.

Inman, K., and Rudin, N. Scientific Basis of DNA Typing and Overview of Forensic DNA Typing in *Forensic Evidence*, California District Attorneys Association 1999.

Rudin, N. and Inman, K. DNA Based Identification in: *Biometrics: Personal Identification in Networked Society*, Kluwer Academic Publishers, 1999.

Inman, K. and Rudin N., *DNA Demystified*, *Solving Crimes in the 90's*; *An Introduction to Forensic DNA Typing,* Self-published, 1994.

ACADEMIC PUBLICATIONS

Marsden, C.D., Rudin, N., Inman, K., Lohmueller, K.E., An assessment of the information content of likelihood ratios derived from complex mixtures. 2016. *Forensic Science International: Genetics*. **22**, 64-72

Haned, H., Gill, P., Lohmueller, K., Inman, K., Rudin, N., Validation of probabilistic genotyping software for use in forensic DNA casework: definitions and illustrations. 2016. *Science and Justice*. **56**, 104-108.

Inman, K., et al. Lab Retriever: a software tool for calculating likelihood ratios incorporating a probability of drop-out for forensic DNA profiles. 2015. *BMC Bioinformatic*s **16**:298

Lohmueller, K.E., Rudin, N., Inman, K. Analysis of allelic drop-out using the IdentiFiler® and PowerPlex® 16 forensic STR typing systems. 2014. *Forensic Science International: Genetics*. **12**, 1-11.

Lohmueller, K.E., Rudin, N., Calculating the Weight of Evidence in Low-Template Forensic DNA Casework. *J. Forensic Sci,* **58** (S1) 2013. P. S243-S249

Mnookin, J.L., Cole, S.A., Dror, I.E., Fisher, B.A.J., Houck, M.M, Inman, K., Kaye, D.H., Koehler, J.J., Langenburg, G., Risinger, D.M., Rudin, N., Siegel, J., Stoney, D.A., 2011. The need for a research culture in the forensic sciences, *UCLA Law Review*. **58** p. 725.

Krane, D.E., Ford, S., Gilder, J.R., Inman, K., Jamieson, A., Kopple, R., Kornfield, I.L., Risinger, D.M., Rudin, N., Taylor, M.S., Thompson, W.C. Sequential Unmasking: A Means of

Minimizing Observer Effects in Forensic DNA Interpretation. 2008. *J. Forensic Sci.* **53** p. 1006-7.

Inman, K. and Rudin, N. The Origin of Evidence. *Forensic Science International.* 2002. **126** p. 11-16.

Brettell, T.A., Rudin, N., Saferstein, R. 2003. Forensic Science. *Anal. Chem*. **75** p. 2877-2890.

Brettell, T.A., Inman, K., Rudin, N., Saferstein, R. 2001. Forensic Science. *Anal. Chem*. **73**, p. 2735-2744.

Brettell, T.A., Inman, K., Rudin, N., Saferstein, R. 1999. Forensic Science. *Anal. Chem*. **71** p. 235R-255R.

Rudin, N. And Inman, K. 1997. Exonerated by Science. *Jurimetrics J.* **37**, p. 319-323.

Rudin, N. 1993. Beyond RFLP. *TIE-LINE*. Vol. 17, No. 1 p. 53-54.

Myers, S.P., and N. Rudin. 1993. Evaluation of Centricon 100 Filtration Units on the *Hae*III Digestion Efficiency of DNA Extracted from Bloodstains. *TIE-LINE*. Vol. 17, No. 1 p. 55.

Dora, E.G., Rudin, N. Martell, J.R., Esposito, M.S., Ramirez, R.M. 1999. RPD3 (REC3) mutations affect mitotic recombination in *Saccharomyces cerevisiae*. *Current Genetics* **35**: 68-76.

Fishman-Lobell, J., Rudin, N. and J. E. Haber. 1992. Two alternative pathways of double-strand break repair that are kinetically separable and independently modulated. *Mol. Cell Biol.* **12**:3 1292-1303.

Rudin, N, E. Sugarman and J. E. Haber. 1989. Genetic and physical analysis of double-strand break repair and recombination in *Saccharomyces cerevisiae*. Genetics **122**: 519-534.

Rudin, N., and J.E. Haber. 1988. Efficient repair of *HO*-induced chromosomal breaks in *Saccharomyces cerevisiae* by recombination between flanking homologous sequences. *Mol. Cell Biol*. **8**:9 3918-3928.

Haber, J.E., R. Borts, B. Connolly, M. Lichten, N. Rudin and C. I. White. 1988. Physical monitoring of meiotic and mitotic recombination in yeast. In *Nucleic Acid Research and Molecular Biology*. Vol. 35 p. 212-262.

Rudin, N., Cis-acting regions involved in mating type interconversion in the yeast *Saccharomyces cerevisiae. Ph.D. Thesis*, Brandeis University, 1988.

PRESENTATIONS

Rudin, N. 2024. The State of Forensic Science. African Forensic Science Academy (AFSA) inaugural meeting, Kigali, Rwanda.

Rudin, N., Inman, K. 2019. Frameworks for forensic science inferences. Forensic Science conference, Chicago IL.

Inman, K., Rudin, N. 2019. Transfer, persistence, prevalence and recovery of DNA. Forensic Science conference, Chicago IL.

Rudin, N., 2018. Reinvestigating and litigating post-conviction innocence claims, NACDL-INC, Memphis, TN.

Inman, K., Rudin, N., Cole, C., Lohmueller, K.E., Marsden, K. 2018. Assessing information content of likelihood ratios derived from complex mixtures, Forensic Analysis of Human DNA, Gordon Research Conference, Sunday River, Maine.

Rudin, N., Probabilistic genotyping solves an inconclusive mixture, 2018. CAC, Concord, CA.

Rudin, N., Inman, K., Langenburg, G, Buzzini, P., Neumann, C. 2018. Foundations of the interpretation of pattern and trace evidence (source and activity levels), full day workshop, RTI IPTES, Arlington, VA.

Inman, K., Rudin, N., Lohmueller, K.E., Marsden, K. 2018. Comparison of open source software for assessing the weight of evidence, AAFS, Seattle, WA.

Inman, K., Rudin, N., Lohmueller, K.E., 2018. Is it stutter or is it real, only the profile donor knows for sure, AAFS, Seattle, WA.

Inman, K., Rudin, N., Lohmueller, K.E., Marsden, K. 2017. Cross-validating probabilistic genotyping software, NIST, Gaithersburg, MD.

Inman, K., Rudin, N., Lohmueller, K.E., 2017. Is it stutter or is it real, only the profile donor knows for sure, NIST, Gaithersburg, MD.

Rudin, N. 2017. Interpreting mixtures: Probabilistic genotyping for attorneys. LA Bar, remote.

Inman, K., Rudin, N., Lohmueller, K.E., Marsden, K. 2017. Cross-validating probabilistic genotyping software. ICFIS, Minneapolis, MN.

Rudin, N., 2017. Validation in forensic science, theory & practice. Chicago, IL.

Inman, K., Rudin, N., Lohmueller, K.E., 2017. Is it stutter or is it real, only the profile donor knows for sure, CAC, San Francisco, CA.

Haned, H., Gill, P., Lohmueller, K., Inman, K., Rudin, N., 2017. Validation of probabilistic genotyping software for use in forensic DNA casework: definitions and illustrations, AAFS, New Orleans, LA

Rudin, N., 2017, Complex DNA profile interpretation: stories from across the pond. Systems for Medical Decision Support and Forensic Identification, Prague, Czech Republic.

Rudin, N., Inman, K., 2016. Complex DNA profile interpretation: Stories from across the pond, Newton Institute, Cambridge, U.K.

Rudin, N., Inman, K., 2016. Fundamental Principles of Forensic Science: Letting go of Individualization, CAC, Los Angeles, CA.

Panelist, Mixture Interpretation and Statistics Town Hall Meeting, AAFS, 2016, Las Vegas, NV.

Marsden, C., Rudin, N., Inman, K., Lohmueller, K., 2015. Defining the limits of forensic DNA profile interpretation: An assessment of the information content inherent in complex mixtures., NIST International Symposium on Forensic Science Error Management, Washington D.C.

Rudin, N., 2014, Conviction and exoneration in Cook Co., The story of a questionable Y-STR interpretation, CAC Rohnert Park.

Marsden, C., Rudin, N., Inman, K., Lohmueller, K., 2015. Defining the limits of forensic DNA profile interpretation: An assessment of the information content inherent in complex mixtures., CAC, Ventura, CA.

Rudin, N., 2015. Forensic DNA Statistics: DON'T PANIC!. NACDL, Las Vegas, NV.

Rudin, N., 2015. Another questionable Y-STR profile interpretation: the story continues …. CAC, Ventura, CA.

Marsden, C., Rudin, N., Inman, K., Lohmueller, K., 2015. Defining the limits of forensic DNA profile interpretation: An assessment of the information content inherent in complex mixtures, AAFS, Orlando, FL.

Rudin, N., Conviction and exoneration in Cook Co., The story of a questionable Y-STR interpretation, CAC Rohnert Park, 2014.

Rudin, N., Burley, L. Turns out, you CAN do PCR in a barn: Exceeding the limits of science – a case report, CAC meeting Rohnert Park, 2014.

Marsden, C., Rudin, N., Inman, K., Lohmueller, K. Defining the limits of forensic DNA profile interpretation: An assessment of the information content inherent in complex mixtures. CAC Rohnert Park, 2014.

Inman, K., Rudin N., Lohmueller K., 2014. *Lab Retriever*, Probabilistic Software Workshop, Promega International Symposium for Human Identity, Phoenix, AZ.

Inman, K., Rudin N., Lohmueller K., 2014, Probabilistic Genotyping and *Lab Retriever*, CAC study group, Richmond CA, Aug 26.

Inman, K., Rudin N., Lohmueller K., 2014, Probabilistic Genotyping and *Lab Retriever*, CAC meeting, Pasadena CA, Aug 26.

Inman, K., Rudin N., Lohmueller K., 2013. Calculating Likelihood Ratios Incorporating a Probability of Drop-out using the free program *Lab Retriever*. ½ day Workshop, Promega International Symposium for Human Identity, Atlanta, GA.

Lohmueller K., Rudin N., Inman, K., 2013. Analysis of Allelic Drop-Out Using the IdentiFiler ® And PowerPlex ® Forensic STR Typing Systems II. Evaluation of Estimated Drop-Out Probabilities, Presentation, AAFS, Washington D.C.

Inman, K., Lohmueller K., Rudin N., 2013. Analysis of allelic drop-out using the IdentiFiler ® and PowerPlex ® 16 forensic STR typing systems I. Estimation of drop-out probabilities, Presentation, AAFS, Washington D.C.

Inman, K., Rudin N., Lohmueller K., 2013. Calculating Likelihood Ratios Incorporating a Probability of Drop-out: Introducing *Lab Retriever*, a free and user-friendly software program. Workshop, AAFS, Washington D.C.

Rudin, N., Inman, K., Circumstantial Evidence that Supports an Inference for the Defense: Getting the most out of your DNA profile, 2013. NACDL conference, Washington D.C.

Inman, K., Rudin N., Lohmueller K., 2012. Calculating Likelihood Ratios Incorporating a Probability of Drop-out: A New Web-based Tool, CAC, Bakersfield, CA.

Lohmueller K., Rudin N., Inman, K., 2011. Approaches to Measure the Strength of DNA Evidence Exhibiting Possible Stochastic Effects. CAC, Sacramento, CA.

Inman, K., Rudin N., Lohmueller K. 2011. A review of detection thresholds and their application to low-template DNA samples. CAC, Sacramento, CA.

Lohmueller K., Rudin N., Inman, K. 2011. Performance of statistical approaches to measure the strength of DNA evidence exhibiting possible stochastic effects. ICFIS, Seattle, WA.

Lohmueller, K., Rudin, N., 2011. The application of likelihood ratios using allelic drop-out to case samples, ICFIS, Seattle, WA.

Lohmueller K., Rudin N., Inman, K. 2011. Performance of Statistical Approaches to Measure the Strength of DNA Evidence Exhibiting Possible Stochastic Effects, AAFS meeting, Chicago, IL.

Lohmueller K., Rudin N., Inman, K. 2010. Analysis of allelic drop-out using the Identifiler STR multiplex. Promega Human Identity Symposium, San Antonio, TX.

Rudin, N. and Inman, K., 2010. Workshop: Introduction to perception, observer effects, bias, and expectation in forensic science, AAFS, Seattle, WA.

Rudin, N., 2010, Defining the science in forensic science, part of a symposium "Just science, how scientists can reform the criminal justice system," AAAS, San Diego, CA

Lohmueller K., Rudin N., Inman, K. 2010, Tools for estimating the weight of evidence for difficult profiles. CAC, Oakland, CA.

Rudin, N., and Inman, K., 2008. The Role of Forensic Science in the Innocence Movement, CAC, Sacramento, CA.

Rudin, N., 2008. The Consequence of Keg Stands. CAC, Sacramento, CA.

Rudin, N., 2005. Y-STRs Come of Age: A disputed interpretation. CAC, Oakland, CA.

Rudin, N., 2003. It Takes a Criminalist to see the Forest for the Trees. CAC, San Diego, CA.

Rudin, N. 2002. Houston, We Have a Problem. CAC, Huntington Beach, CA.

Rudin, N. 2002. The Database Hit that Missed the Mark. CAC, San Francisco, CA.

Rudin, N. 2002. Biological Evidence as Transfer Evidence. CAC, San Francisco, CA.

Rudin, N. and Inman, K. 1999. The Origin of Evidence. CAC, Oakland, CA.

Rudin, N. 1999. Case Review. CAC, Oakland, CA.

Rudin, N. 1998. DNA Case Review. CAC, Monterey, CA.

Rudin, N. and Inman K. 1993. Development of Mini-satellite Variant Repeat (MVR) Analysis for Forensic Samples. Promega Human Identity Symposium, Scottsdale, AZ.

Barcellos, L., and Rudin, N. 1993. The Case of the Laundered Results. CAC, Berkeley, CA.

Rudin, N., and Inman, K.1993. Development of Mini-satellite Variant Repeat for Forensic Analysis. CAC, Berkeley, CA.

Rudin, N., 1993. Evaluation of Methods involving PCR Amplification of Additional DNA Sequence and Length Polymorphisms for Forensic Typing. AAFS, Boston, MA

Rudin, N.R., Konzak, K., Gima, L., Brewer, L., Buoncristiani, M., Horne, M., Inman, K., Ma, M., Pierson, M., Sims, G., Bashinski, J. 1992. A Systematic Study of the Effect of Various Environmental Abuses on RFLP and PCR Analysis of Forensic Samples. Promega Human Identity Symposium, Scottsdale, AZ.

Rudin, N.R., Konzak, K., Gima, L., Brewer, L., Buoncristiani, M., Horne, M., Inman, K., Ma, M., Pierson, M., Sims, G., Bashinski, J. 1992. A Systematic Study of the Effect of Various Environmental Abuses on RFLP and PCR Analysis of Forensic Samples. AAFS, New Orleans, LA

Rudin, N.R., Konzak, K., Gima, L., Brewer, L., Buoncristiani, M., Horne, M., Inman, K., Ma, M., Pierson, M., Sims, G., Bashinski, J. 1991. A Systematic Study of the Effect of Various Environmental Abuses on RFLP and PCR Analysis of Forensic Samples. CAC, Ontario, CA.

Rudin, N., H.W. Moise, J.T. Brown and M.S. Esposito. 1990. The *REC3* gene of *S. cerevisiae*: molecular cloning, disruption and DNA sequencing. Yeast: (Spec Iss.)

Moise, H.W., Rudin, N. J.T. Brown and M.S. Esposito.1990. The *REC1* DNA strand-transfer protein of *Saccharomyces cerevisiae* is required for recombination, X-ray damage repair, mating-type switching and meiosis. In abstracts of papers presented at the 1990 meeting on yeast genetics and molecular biology, The Hague, The Netherlands.

Fishman-Lobell, J., N. Rudin and J. Haber. 1990. Increasing the distance between direct repeats slows the kinetics of double-strand break induced recombination. In abstracts of papers presented at the 1990 meeting on yeast genetics and molecular biology, The Hague, The Netherlands.

Rudin, N., H. Moise, J.T., Brown and M.S. Esposito. 1989. The *REC1, REC3 AND REC4* genes of *Saccharomyces cerevisiae*; *in vivo* and *in vitro* phenotypes of conditional hypo-recombination mutants. Abstracts of FASEB conference on genetic recombination and genome rearrangements, July 9-14, 1989, p.48.

Brown, J. T., N. Rudin and M.S. Esposito. 1989. The *REC1, REC3 AND REC4* genes of *Saccharomyces cerevisiae*. AAAS annual meeting, San Francisco, CA. Abs. 428.

Esposito, M.S., N. Rudin and G.T. Thomson. 1989. Novel YAC vectors and *Saccharomyces cerevisiae* recipients for study of human DNA recombination and ordering of YAC human genomic libraries. Abstracts of papers presented at the 1989 Cold Spring Harbor meeting on genome mapping and sequencing, April 26-30, 1989, p.74.

Esposito, M.S., J.T. Brown, and N. Rudin. 1988. The *REC1* gene of *Saccharomyces. cerevisiae* is required for spontaneous mitotic gene conversion, intragenic recombination, intergenic recombination, genomic stability, and sporulation *In vivo* and *in vitro* properties of the temperature sensitive mutation *REC1-1.* Yeast **4**: s308 (Spec. Iss.).

Rudin, N, E. Sugarman and J.E. Haber. 1988. *HO*-endonuclease-induced recombination in yeast. Yeast **4**: s309 (Spec. Iss.).

Esposito, M.S., J.T. Brown, and N. Rudin. 1988. The *REC1* gene of *S. cerevisiae* is required for spontaneous mitotic gene conversion, intra- and intergenic recombination, genomic stability, repair of X-ray damage and sporulation. In abstracts of papers presented at the 1988 meeting on Intermediates in Genetic Recombination. Cold Spring Harbor Laboratory, Cold Spring Harbor, New York. p.194.

Rudin, N, E. Sugarman and J.E. Haber. 1988. *HO*-endonuclease-induced recombination in yeast. In abstracts of papers presented at the 1988 meeting on Intermediates in Genetic Recombination. Cold Spring Harbor Laboratory, Cold Spring Harbor, New York. p.193.

Rudin, N., E. Sugarman, and J.E. Haber. *HO*-induced recombination events in a *LACZ* duplication system. In Abstracts of papers presented at the 1987 meeting on yeast genetics and molecular biology, San Francisco California. p. 398.

Rudin, N., S. Stewart, and J.E. Haber. Cis-acting sequences in mating-type switching. In abstracts of papers presented at the 1987 meeting on Yeast genetics and molecular biology, San Francisco, California. p. 176.

Rudin, N., S. Stewart and J. E. Haber. 1986. Homologous and non-homologous sequences involved in mating type switching. Yeast **2**: s330 (suppl).

Rudin, N. and J. E. Haber. 1985. Effect of Interchromosomal Mating-type Switching in *S. cerevisiae*. Genetics **110**: s60 (suppl).

Rudin, N., B. Connolly, M. Kluznik and J. E. Haber. 1985. Effects of interchromosomal mating type switching in *S. cerevisiae*. In abstracts of papers presented at the 1985 meeting on Molecular Biology of Yeast. Cold Spring Harbor Laboratory, Cold Spring Harbor, New York. p. 122.

EDITORIAL ARTICLES

Rudin, N., and Inman K., Fundamental principles in forensic science: Letting go of individualization, *CACNews*, 4th Quarter, 2016

Rudin, N., and Inman K., Could your lab be next: A sentinel event in the profession of forensic science, *CACNews*, 4th Quarter, 2015

Rudin, N., and Inman K., Causes of wrongful conviction (Don't believe everything you think), *CACNews*, 1st Quarter, 2014

Rudin, N., and Inman K., What science could (and should) do for justice, *CACNews*, 4th Quarter, 2013

Rudin, N., and Inman K., Can we talk?, *CACNews*, 3rd Quarter, 2013

Rudin, N., and Inman K., We're probably thinking … … About probabilistic approaches to weighting evidence, *CACNews*, 2nd Quarter, 2013

Rudin, N., and Inman K., Journey to the Red Planet: Curiosity meets Forensic Science *CACNews*, 1st Quarter, 2013

Rudin, N., and Inman K., The Proceedings of Dinner: Bridging the Generations *CACNews*, 4th Quarter, 2012

Rudin, N., and Inman K., Lake Errbegon "… where the evidence is unambiguous, the analyses robust, and all the criminalists are above average. "*CACNews*, 3rd Quarter, 2012

Rudin, N., and Inman K., A Decade of the Proceedings of Lunch – Thinking Allowed, and thinking aloud *CACNews*, 2nd Quarter, 2012

Rudin, N., and Inman K., The discomfort of thought – a discussion with John Butler *CACNews*, 1st Quarter, 2012

Rudin, N., and Inman K., To err is human and inevitable, *CACNews*, 4th Quarter, 2011

Rudin, N., and Inman K., Why politics is worse for science than the law, *CACNews*, 2nd Quarter, 2011

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