

CURRICULUM VITAE

Edward T. Blake

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EMPLOYMENT

Paul L. Kirk & Associates, 1969-1970.

Contra Costa County Sheriff's Office Criminalistics Laboratory, intern, 1971-1972.

Teaching Assistant, Forensic Science Program, University of California, Berkeley, 1971-1972.

Graduate Research Fellow, University of California, Berkeley, 1973-1975.

Research Assistant, University of California, Berkeley, 1975-1977.

Consultant in Forensic Biology, 1975-present.

EDUCATION

Bachelor of Science [Criminalistics], University of California, Berkeley, 1968.

Doctor of Criminology [Forensic Science], University of California, Berkeley, 1976.

PROFESSIONAL AFFILIATIONS

California Association of Criminalists

Sigma Xi [Research Society of North America]

American Society of Human Genetics

American Association for the Advancement of Science

New York Academy of Sciences

American Academy of Forensic Sciences

Northwest Association of Forensic Scientists

PUBLICATIONS

Blake, Edward T., Cashman, Paul J., and Thornton, John I., **Qualitative Analysis of Lysergic Acid Diethylamide by Means of the 10-Hydroxy Derivative.** Anal. Chem., 45:2, 1973, 394-395.

Blake, Edward T., and Dillon, D. J., **Microorganisms and the Presumptive Tests for Blood.** J. Pol. Sci. Admin., 1:4, 1973, 395-400.

Caldwell, Kevin, Blake, Edward T., and Sensabaugh, G. F., **Sperm Diaphorase: Genetic Polymorphism of a Sperm-Specific Enzyme in Man.** Science, 191, 1976, 1185-1187.

Blake, Edward T., and Sensabaugh, George F., **Genetic Markers in Human Semen: A Review.** J. For. Sci., 21:4, 1976, 784-796.

Blake, Edward T., and Sensabaugh, G. F., **Protein and Enzyme Polymorphisms in Human Semen.** For. Sci., 6, 1975, 108, [Abstract]; International Microform J. Leg. Med., 10, 1975, 21, [Text].

Blake, Edward T., and Sensabaugh, G. F., **Esterase D Typing in Bloodstains.** For. Serol. News, No. 5, 1975, 1-4.

Blake, Edward T., **Genetic Markers in Human Semen**, Doctoral Dissertation, University of California, Berkeley, 1976; University Microfilms International, #77-15, 567, Ann Arbor.

Blake, Edward T., and Sensabaugh, G. F., **Expression of Genetic Variation in Human Semen.** Am. J. Hum. Genet., 29, 1977, 24A, [Abstract].

Blake, Edward T., and Sensabaugh, G. F., **Genetic Markers in Human Semen: Quantitation of Polymorphic Proteins.** J. For. Sci., 23:4, 1978,

717-729.

Blake, Edward T., and Sensabaugh, G. F., **Haptoglobin Typing of Bloodstains: Electrophoresis of Immunoprecipitated Haptoglobin.** J. For. Sci. Soc., 18, 1978, 237-244.

Katz, David F., Blake, Edward T., Mills, Ross N., and Fatt, Irving, A **Microliter Oxygen Electrode System for Sperm Suspensions.** Fertil. Steril., 30:6, 1978, 691-695.

Sensabaugh, G. F., Blake, E. T., and Northey, D. H., **Genetic Markers in Human Semen: III. Alteration of Phosphoglucomutase [PGM] Isozyme Patterns in Semen Contaminated with Saliva.** J. For. Sci., 25, 1980, 470-478.

Sensabaugh, George, Blake, E. T., and Bashinski, Jan, **Acid Phosphatase Assay of Vaginal Swabs.** Proceedings of a Forensic Science Symposium on the Analysis of Sexual Assault Evidence, U.S. Dept. of Justice, July, 1983, 146-148.

Graves, Howard C. B., Sensabaugh, George F., and Blake, Edward T., **Postcoital Detection of a Male-Specific Semen Protein, Application to the Investigation of Rape.** N. Engl. J. Med., 312, 1985, 338-343.

Sensabaugh, George F., Bashinski, Jan, and Blake, Edward T., **The Laboratory's Role in Investigation of Rape.** Diag. Med., 8:3, 1985, 46-53.

Blake, E. T., Cook, Jr., C. E., and J.S. Bashinski, **Evidence that 'Vaginal Peptidase' Is a Bacterial Gene Product.** J. For. Sci., 32:4, 1987, 888-899.

Blake, E. T., **Progressive Desialidation of Human Transferrin.** J. For. Sci., 32:5, 1987, 1342-1347.

Blake, Edward T., **Scientific and Legal Issues Raised by DNA Analysis.** in Banbury Report 32: Technology and Forensic Science, J. Ballantyne et al., Eds., Cold Spring Harbor Laboratory Press, 1989, 109-115.

Higuchi, Russell, and Blake, Edward T., **Applications of the Polymerase Chain Reaction in Forensic Science.** in Banbury Report 32: Technology and Forensic Science, J. Ballantyne et al., Eds., Cold Spring Harbor Laboratory Press, 1989, 265-281

Von Beroldingen, Cecilia H., Blake, E. T., Higuchi, R., Sensabaugh, G. F., and Erlich, Henry, **Applications of PCR to the Analysis of Biological Evidence,** in PCR Technology: Principles and Applications for DNA

Amplification, Erlich, Henry A., Ed., Stockton Press, 1989, 209-223.

Erlich, Henry A., Higuchi, Russell, Von Beroldingen, Cecilia H., and Blake, Edward, **The Use of the Polymerase Chain Reaction for Genetic Typing in Forensic Samples**. Proceedings of an International Symposium on the Forensic Aspects of DNA Analysis, June, 1989, Quantico, Va., 93-101, U.S. Government Printing Office, Washington, D.C.

Blake, E. T., Paabo, S., and Stolorow, M. D., **DNA Amplification and Typing from Aged Biological Evidence**. Proceedings of an International Symposium on the Forensic Aspects of DNA Analysis, June, 1989, Quantico, Va., 267-268, U.S. Government Printing Office, Washington, D.C.

S. Walsh, Higuchi, R., and Blake, E., **PCR Inhibition and Bloodstains**. Proceedings of an International Symposium on the Forensic Aspects of DNA Analysis, June, 1989, Quantico, Va., 281-282, U.S. Government Printing Office, Washington, D.C.

Helmuth, Rhea, Fildes, Nicola, Blake, Edward, Luce, M. C., Chimera, J., Madej, Roberta, Gorodezky, C., Stoneking, Mark, Schmill, Norma, Klitz, William, Higuchi, Russell, and Erlich, Henry A., **HLA-DQa Allele and Genotype Frequencies in Various Human Populations Determined by Using Enzymatic Amplification and Oligonucleotide Probes**. Am. J. Hum. Genet., 47, 1990, 515-523.

Sensabaugh, G. F. and Blake, E. T., **Seminal Plasma Protein p30: Simplified Purification and Evidence for Identity with Prostate Specific Antigen**. Journal of Urology, 144, 1990, 1523-1526.

Reynolds, Rebecca, Sensabaugh, George, and Blake, Edward, **Analysis of Genetic Markers in Forensic DNA Samples Using the Polymerase Chain Reaction**. Anal. Chem., 63, January, 1991, 2-15.

Gibson, D. R., Guydish, J. R., Wraxall, B. D. G., Blake, E. T., G. Clark, and P. Case, **Using Forensic Techniques to Verify Self-Reports of Needle-Sharing**. AIDS, 5:9, 1991, 1149-1150.

Blake, Edward, Mihalovich, Jennifer, Higuchi, Russell, Walsh, P. Sean, and Erlich, Henry, **PCR Amplification and HLA-DQa Oligonucleotide Typing on Biological Evidence Samples: Casework Experience**. J. Forens. Sci., 37:3, 1992, 700-726.

Sensabaugh, George F. and Blake, Edward T., **DNA Analysis in Biological Evidence: Applications of the Polymerase Chain Reaction**. Chapter 7 in Handbook of Forensic Sciences, ed. R. Saferstein, Prentice-Hall, New

Jersey, in press.

Castro, R. C., Troup, G., Blake, E., Wheeler, C., Apple, R., and Erlich, H. A., **Analysis of HLA-Class II Alleles by PCR/Oligo Typing in Various Native American Populations.** Abstract #784, Am. J. Hum. Genet., 53:3, 1993.

Waye, J. S., Newall, P., Blake, E. T., Williamson, J. M., and Bing, D. H., **A Review of the DNA Evidence in the Case of Guy Paul Morin.** Abstract, Can. Soc. Forens. Sci. J., 28:4, 1995, 255.

PRESENTATIONS

Blake, Edward T., and Dillon, D. J., **Microorganisms and the Presumptive Tests for Blood.** Presented at the 38th Semiannual Seminar of the California Association of Criminalists, October, 1971.

Blake, Edward T., Cashman, Paul J., and Thornton, John I., **Qualitative Analysis of Lysergic Acid Diethylamide by Means of the 10-Hydroxy Derivative.** Presented at the 39th Semiannual Seminar of the California Association of Criminalists, May, 1972.

Blake, Edward T., Lofgren, Donald L., and Sensabaugh, G. F., **Distribution of Acid Phosphatases in Human Tissues.** Presented at the 43rd Semiannual Seminar of the California Association of Criminalists, May, 1974.

Blake, Edward T., and Sensabaugh, G. F., **Esterase D Polymorphism in Bloodstains.** Presented at the 44th Semiannual Seminar of the California Association of Criminalists, October, 1974.

Blake, Edward T., and Sensabaugh, G. F., **Protein Polymorphisms in Human Semen.** Presented as Part of a Symposium on Rape Investigation at the 44th Semiannual Seminar of the California Association of Criminalists, October, 1974.

Blake, Edward T., and Sensabaugh, G. F., **Differential Expression of Amylase Loci [Amy1 and Amy2] in Human Body Fluids and Secretions.** Presented at the 46th Semiannual Seminar of the California Association of Criminalists, October, 1975.

Blake, Edward T., and Sensabaugh, G. F., **Protein and Enzyme Polymorphisms in Human Semen.** Presented at the Seventh International

Meeting of Forensic Sciences, Zurich, Switzerland, 1975.

Caldwell, Kevin, Blake, Edward T., and Sensabaugh, G. F., **Sperm Diaphorase: Genetic Polymorphism of a Sperm-Specific Enzyme in Man.** Presented at the 46th Semiannual Seminar of the California Association of Criminalists, October, 1975.

Blake, Edward T., and Sensabaugh, G. F., **The Biochemical Genetics of Semen and the Investigation of Rape.** Presented at the Western Regional Meeting of the American Chemical Society, October, 1975.

Blake, Edward T., and Sensabaugh, G. F., **Expression of Genetic Markers in Human Semen.** Presented at the American Academy of Forensic Sciences, Washington, D.C., February, 1976.

Blake, Edward T., and Sensabaugh, G. F., **Haptoglobin Typing of Bloodstains by SDS Gel Electrophoresis of Immunoprecipitates.** Presented at the 49th Semiannual Seminar of the California Association of Criminalists, May, 1977.

Blake, Edward T., and Sensabaugh, G. F., **Genetic markers in Human Semen: Quantitative Levels of Polymorphic Proteins.** Presented at the American Chemical Society, Chicago, August, 1977.

Blake, Edward T., and Sensabaugh, G. F., **Genetic Markers in Human Semen: III. Expression of Glyoxalase Activity in Seminal Plasma and Sperm.** Presented at the 51st Semiannual Seminar of the California Association of Criminalists, May, 1978.

Sensabaugh, G. F., Blake, E. T., and Northey, D., **Modification of PGM Isozyme Patterns in Semen Contaminated with Saliva.** Presented at the 51st Semiannual Seminar of the California Association of Criminalists, May, 1978.

Blake, Edward T., and Sensabaugh, G. F., **Synthesis and Clean-up Procedures for 4-Methylumbelliferone Phosphate.** Presented at the 51st Semiannual Seminar of the California Association of Criminalists, May, 1978.

Sensabaugh, G. F., Blake, E. T., and Northey, D., **Modification of PGM Isozyme Patterns in Semen Contaminated with Saliva.** Presented at the American Academy of Forensic Sciences, Atlanta, February, 1979.

Blake, Edward T., **Concurrent Typing of Gc and Tf on Agarose Gels.** Presented at the 54th Semiannual Seminar of the California Association of

Criminalists, October, 1979.

Blake, Edward T., and the Northern California Biology Study Group, **Human Hair Comparison: A Blind Trial Experiment.** Presented at the 54th Semiannual Seminar of the California Association of Criminalists, October, 1979.

Inman, Keith E., Sensabaugh, G. F., and Blake, E. T., **The Genetic Relationships of the Prostatic, Seminal, and Vaginal Acid Phosphatases.** Presented at the American Academy of Forensic Sciences, Atlanta, February, 1980.

Sensabaugh, George F., Bashinski, Jan, and Blake, E. T., **Rates of Drying of Vaginal Swabs.** Presented at the 55th Semiannual Seminar of the California Association of Criminalists, May 1980.

Sensabaugh, George F., Bashinski, Jan, and Blake, E. T., **Titers of ABH Blood Group Substances in Human Semen.** Presented at the 55th Semiannual Seminar of the California Association of Criminalists, May, 1980.

Blake, Edward T., Sensabaugh, G. F., and Bashinski, Jan, **Survival of Markers in Preserved Semen Samples.** Presented at the 55th Semiannual Seminar of the California Association of Criminalists, May, 1980.

Sensabaugh, George F., Bashinski, Jan, and Blake, E. T., **Rates of Drying of Vaginal Swabs: An Update.** Presented at the 56th Semiannual Seminar of the California Association of Criminalists, November, 1980.

Blake, Edward T., Sensabaugh, G. F., and Bashinski, Jan, **Levels of Genetic Markers in Vaginal Fluids.** Presented at the 56th Semiannual Seminar of the California Association of Criminalists, November, 1980.

Blake, Edward T., Sensabaugh, G. F., and Bashinski, Jan, **A Systematic Approach to the Analysis of Semen Evidence.** Presented at the 56th Semiannual Seminar of the California Association of Criminalists, November, 1980.

Gibbons, Mary, Blake, E. T., Sensabaugh, G. F., and Bashinski, Jan, **A Systematic Approach to the Analysis of Semen Evidence: Case Reports.** Presented at the 56th Semiannual Seminar of the California Association of Criminalists, November, 1980.

Blake, Edward T., and Sensabaugh, G. F., **A Systematic Approach to the Analysis of Semen Evidence.** Presented at the American Academy of

Forensic Sciences, Los Angeles, February, 1981.

Sensabaugh, George F., Blake, E. T., and Bashinski, Jan, **Titers of ABH Blood Group Substances in Human Semen.** Presented at the American Academy of Forensic Sciences, Los Angeles, February, 1981.

Blake, Edward T., Sensabaugh, G. F., and Bashinski, Jan, **Levels of Genetic Markers in Vaginal Fluids.** Presented at the American Academy of Forensic Sciences, Los Angeles, February, 1981.

Sensabaugh, George F., Blake, E. T., and Bashinski, Jan, **Acid Phosphatase Stability in Dried Semen Stains is a Function of Stain 'Dryness'.** Presented at the American Academy of Forensic Sciences, Los Angeles, February, 1981.

Sensabaugh, George F., Blake, E. T., and Bashinski, Jan, **Rates of Drying of Vaginal Swabs.** Presented at the American Academy of Forensic Sciences, Los Angeles, February, 1981.

Blake, Edward T., Sensabaugh, G. F., and Bashinski, Jan, **The Quantitative Acid Phosphatase Test: An Indicator for Decision Making in the Analysis of Semen Evidence.** Presented at the American Academy of Forensic Sciences, Los Angeles, February, 1981.

Barnett, Peter D., Blake, E. T., and Ogle, R. R., **The Role of the Independant Expert: Several Case Examples.** Presented at the American Academy of Forensic Sciences, Los Angeles, February, 1981.

Blake, Edward T., **Recent Research in the Forensic Analysis of Semen.** Presented at the Northwest Association of Forensic Scientists, Missoula, March, 1981.

Blake, Edward T., Sensabaugh, G. F., and Bashinski, Jan, **Considerations on the the Analysis of Semen Swab Evidence.** Presented at the Canadian Society of Forensic Sciences, Toronto, August, 1981.

Blake, Edward T., Kearney, James, Stolorow, Mark, and Wraxall, Brian [panelists], **Serology Panel Discussion,** Presented at the Combined 58th Semiannual Seminar of the California Association of Criminalists and the Northwest Association of Forensic Scientists, October, 1981.

Harmor, Gary, Wraxall, Brian, and Blake, E. T., **Multisystem Approach to Red Cell Black Population Markers: Group IV.** Presented at the Combined 58th Semiannual Seminar of the California Association of Criminalists and the Northwest Association of Forensic Scientists, October,

1981.

Blake, Edward T., Sensabaugh, G. F., and Bashinski, Jan, **Purification and Serological Studies on Two Lectin Specificities from Ulex europeus Seeds: A Preliminary Report.** Presented at the Combined 58th Semiannual Seminar of the California Association of Criminalists and the Northwest Association of Forensic Scientists, October, 1981.

Blake, Edward T., Gibbons, Mary, Bashinski, Jan, and Sensabaugh, G. F., **Comparative Stabilities of Markers in Semen.** Presented at the Combined 58th Semiannual Seminar of the California Association of Criminalists and the Northwest Association of Forensic Scientists, October, 1981.

Blake, Edward T., Gibbons, Mary, Bashinski, Jan, and Sensabaugh, G. F., **Population Survey and Stability Studies of p30 in Semen.** Presented at the Combined 58th Semiannual Seminar of the California Association of Criminalists and the Northwest Association of Forensic Scientists, October, 1981.

Sensabaugh, George F., Graves, Howard, Blake, E. T., and Bashinski, Jan, **Development of an Elisa Assay for Human Seminal p30.** Presented at the American Academy of Forensic Sciences, Orlando, February, 1982.

Blake, Edward T., Gibbons, Mary, Bashinski, Jan, and Sensabaugh, G. F., **Comparative Stabilities of Markers in Semen.** Presented at the American Academy of Forensic Sciences, Orlando, February, 1982.

Blake, Edward T., Gibbons, Mary, Sensabaugh, G. F., and Bashinski, Jan, **Population Survey and Stability Studies of p30 in Semen.** Presented at the American Academy of Forensic Sciences, Orlando, February, 1982.

Blake, Edward T., **Progressive Desialidation of Human Transferrin.** Presented at the Combined Meeting of the Interamerican Congress of Forensic Sciences and the 60th Semiannual Seminar of the California Association of Criminalists, Sacramento, November, 1982.

Blake, Edward T., **Transferrin: A Potential Diagnostic Indicator of Desialidation Reactions in Blood.** Presented at the Combined Meeting of the Interamerican Congress of Forensic Sciences and the 60th Semiannual Seminar of the California Association of Criminalists, Sacramento, November, 1982.

Gibbons, Mary, Blake, E. T., and Sensabaugh, G. F., **Lewis A and B Levels in Vaginal Fluid: A Preliminary Study.** Presented at the Combined Meeting of the Interamerican Congress of Forensic Sciences and

the 60th Semiannual Seminar of the California Association of Criminalists, Sacramento, November, 1982.

Blake, Edward T., **Progressive Desialidation of Human Transferrin.** Presented at the American Academy of Forensic Sciences, Cincinnati, February, 1983.

Blake, Edward T., **Transferrin: A Potential Diagnostic Indicator of Desialidation Reactions in Blood.** Presented at the American Academy of Forensic Sciences, Cincinnati, February, 1983.

Blake, Edward T., **Biochemical Analysis of Sexual Assault Evidence: Current State of the Art.** Guest Lecture, Presented at the American Academy of Forensic Sciences, Cincinnati, February, 1983.

Blake, Edward T., **Comparative Stability of Semen Proteins and Other Genetic Markers.** Guest Lecture, Presented at the Forensic Science Symposium on the Analysis of Sexual Assault Evidence, FBI Academy, Quantico, Virginia, July, 1983.

Blake, Edward T., Work Shop Instructor, **Prostate Antigen/p30 and Prostatic Acid Phosphatase.** Presented at the Forensic Science Symposium on the Analysis of Sexual Assault Evidence, FBI Academy, Quantico, Virginia, July, 1983.

Blake, Marty, Bashinski, Jan, and Blake, E. T., **Serology Hanging by a Thread.** Presented at the American Academy of Forensic Sciences, Anaheim, February, 1984.

Blake, Edward T., Cook, Jr., Charles E., and Bashinski, Jan, **PGM Survival in Actively and Passively Dried Vaginal Swabs: Studies on Case Specimens.** Presented at the 65th Semiannual Seminar of the California Association of Criminalists, May, 1985.

Blake, Edward T., Cook, Jr., C. E., and Bashinski, Jan, **Distribution of Amylase Activity in Vaginal Swabs: Studies on Case Samples.** Presented at the 65th Semiannual Seminar of the California Association of Criminalists, May, 1985.

Blake, Edward T., Cook, Jr., C. E., and Bashinski, Jan, **Semen and Saliva Revisited: Reversal of PGM Degradation in Mixtures by Reducing Agent.** Presented at the 65th Semiannual Seminar of the California Association of Criminalists, May, 1985.

Bashinski, Jan, Blake, E. T., and Cook, Jr., C. E., **The Detection of Spermatozoa on Vaginal Swabs from Victims of Sexual Assault: The**

ER versus the Crime Lab. Presented at the 65th Semiannual Seminar of the California Association of Criminalists, May, 1985.

Bashinski, Jan, Blake, E. T., and Cook, Jr., C. E., **A Profile of the Medical Case Histories of Sexual Assault Victims in Oakland.** Presented at the 65th Semiannual Seminar of the California Association of Criminalists, May, 1985.

Blake, Edward T., Cook, Jr., C. E., and Bashinski, Jan, **Evidence that 'Vaginal Peptidase' Is a Bacterial Gene Product.** Presented at the 67th Semiannual Seminar of the California Association of Criminalists, May, 1986.

Blake, Edward T., **Detection of Antisperm Antibodies: A Case Report.** Presented at the 67th Semiannual Seminar of the California Association of Criminalists, May, 1986.

Blake, Edward T., Cook, Jr., C. E., and Bashinski, Jan, **A Gram Modified Christmas Tree Stain.** Presented at the 67th Semiannual Seminar of the California Association of Criminalists, May, 1986.

Blake, Edward T., **Desialidation of Gc Variants.** Presented at the 67th Semiannual Seminar of the California Association of Criminalists, May, 1986.

Blake, Edward T., Cook, Jr., C. E., and Bashinski, Jan, **Evidence that 'Vaginal Peptidase' Is a Bacterial Gene Product.** Presented at the American Academy of Forensic Sciences, San Diego, February, 1987.

Blake, Edward T., **Detection of Antisperm Antibodies: A Case Report.** Presented at the American Academy of Forensic Sciences, San Diego, February, 1987.

Blake, Edward T., Cook, Jr., C. E. and Bashinski, Jan, **Inter- and Intra-Individual Variation in the Levels of ABO Blood Group Substances in Human Semen.** Presented at the American Academy of Forensic Sciences, San Diego, February, 1987.

Blake, Edward T., Cook, Jr., C. E. and Bashinski, Jan, **Inter- and Intra-Individual Variation in the Levels of Acid Phosphatase and p30 in Human Semen.** Presented at the American Academy of Forensic Sciences, San Diego, February, 1987.

Blake, Edward T., **Sexual Assault Evidence: The State of the Art.** Guest Lecture, Presented at the International Association of Forensic Sciences,

Vancouver, August, 1987.

Blake, Edward T., **Serology Evidence Collection and Technique**. Guest Lecture, Presented at the National Association of Medical Examiners, San Francisco, September, 1987.

Blake, Edward T., **Scientific and Legal Issues Raised by DNA Analysis**. Guest Lecture, Presented at the DNA Seminar, California Association of Crime Laboratory Directors, November, 1987.

Blake, Edward T., **Use of PCR/Dot Blot for Dried Stain and Hair Analysis**. Guest Lecture, Presented at the DNA Technology in Forensic Science, FBI Academy, Quantico, June, 1988.

Blake, Edward T., **Reporting of Data to the Forensic and Legal Communities**. Panel Discussion on Formulation and Design of National DNA Data Bases and Information Management, Guest Lecture, Presented at the DNA Technology in Forensic Science, FBI Academy, Quantico, June, 1988.

Blake, Edward T., **DNA Amplification and Typing from Aged Biological Evidence**. Presented at the An International Symposium on the Forensic Aspects of DNA Analysis, FBI Academy, Quantico, June, 1989.

Madej, R., Helmuth, R., Louie, P., Horn, G., Blake, E. T., and Erlich, Henry, **HLA DQa Allele Frequencies Determined by PCR and Nonradioisotopic Dot-Blot ASO Analysis**. Presented at the An International Symposium on the Forensic Aspects of DNA Analysis, FBI Academy, Quantico, June, 1989.

Blake, Edward T., Guest Lecture, Presented at the Symposium on Forensic DNA Analysis, National Association of Criminal Defense Lawyers, Washington, D.C., March, 1990.

Blake, Edward T., **Experience with PCR Analysis in Criminal Investigation**. Guest Lecture, Presented at the DNA and the Law, State University of New York at Stony Brook, April, 1990.

Sims, Gary, Gima, Lance, Konzak, Kenneth, Super-Mihalovich, Jennifer, and Blake, Edward T., **The Recovery, Amplification, and DQa Typing of DNA from Partially Cremated Human Remains**. Presented at the 75th Semiannual Seminar of the California Association of Criminalists, May, 1990.

Blake, Edward T., **A Worldwide Map of the DQa Gene**. Presented at the 83rd Semiannual Seminar of the California Association of Criminalists,

May, 1994.

Blake, Edward T., **The Role of DNA Evidence in Defense of the Wrongly Convicted.** Guest Lecture, Presented at the International Symposium of the Association in Defense of the Wrongly Convicted, May 4-6, 1995, Toronto.

Mihalovich, Jennifer S. and Blake, Edward T., **Quantitative Determination of Non-Sperm DNA in the Semen of Aspermic Males and It's Potential Use as a Genetic Marker in Sexual Assault Investigation.** Presented at the 85th Semiannual Seminar of the California Association of Criminalists, May 9-13, 1995.

Mihalovich, Jennifer S. and Blake, Edward T., **PCR Based DNA Diagnostic Analysis of Familial Dysautonomia [FD] from Hair.** Presented at the 85th Semiannual Seminar of the California Association of Criminalists, May 9-13, 1995.

Waye, John S., Newall, Pamela, Blake, Edward T., Williamson, Janice M., and Bing, David H., **A Review of the DNA Evidence in the Case of Guy Paul Morin.** Presented at the Canadian Society of Forensic Science, September 29, 1995, Toronto, Canada.

Blake, Edward T., **Molecular Genetics and Violent Crime.** Guest Lecture Presented at the Neyman Seminar, Department of Statistics, University of California, Berkeley, October, 1995.

Blake, Edward T., **The Application and Development of PCR in Forensic Science as Illustrated by the Case of Armando Quintanilla.** Guest Lecture, Presented at the Northern California American Society for Microbiology, November 16, 1996, San Jose, CA.

Blake, Edward T., Guest Panelist, **Is Something Wrong? Judge for Yourself: An Interactive Panel Discussion on the O.J. Simpson Case.** Presented at the 90th Semiannual Seminar of the California Association of Criminalists, October 8-11, 1997.

Blake, Edward T., Guest Witness, Crown Commission on Proceedings Involving Guy Paul Morin, Toronto, November, 1997.

HONORS

Graduate Research Fellowship [2 years], NILE & CJ, Department of Justice. Grant #75-NI-99-0036. Grant Title: Determination of Genetic

Markers in Human Semen.

Research Grant, NILE & CJ, Department of Justice. Grant Title: Genetic Markers in Human Semen: Application to Analysis of Semen Evidence in Sexual Assault Case Material, 1979-1981.

Research Grant, NILE & CJ, Department of Justice. Grant Title: Genetic Markers in Human Semen: Resolution of Some Current Issues Affecting the Interpretation of Semen Evidence in Sexual Assault Cases, 1983-1986.

Service Awards, California Association of Criminalists: 1976, 1977, 1984.

Distinguished Member Award, California Association of Criminalists, 1985.

PERSONAL

Born July 31, 1945, Honolulu, Hawaii.

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