GEORGE F. SENSABAUGH, JR.

CURRICULUM VITAE

CURRENT POSITION

Professor of the Graduate School
Professor of Forensic Science and Biomedical Sciences (Emeritus)
School of Public Health
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Faculty Affiliate
Graduate Group in Forensic Science
University of California, Davis, California
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EDUCATION

B.A., 1963 - Princeton University, Princeton, NJ
Major: Philosophy (Pre-Med)
D. Criminology, 1969 - University of California, Berkeley, CA
Major emphasis: Criminalistics
Minor emphasis: Biochemistry

RESEARCH AND PROFESSIONAL EXPERIENCE

1969-1971	Post-doctoral Research Fellow, Department of Chemistry, University of California, San Diego, CA.
1971-1972	Post-doctoral Research Fellow, Genetics Division, National Institute for Medical Research, Mill Hill, London, England
1972-1975	Assistant Professor of Forensic Science, School of Criminology, University of California, Berkeley, CA
1975-1979	Assistant Professor of Forensic Science and Biomedical Sciences, School of Public Health, University of California, Berkeley, CA
1979-1986	Associate Professor of Forensic Science and Biomedical Sciences, School of Public Health, University of California, Berkeley, CA
1986-	Professor of Forensic Science and Biomedical Sciences, School of Public Health, University of California, Berkeley, CA
2000-	Faculty, Graduate Program in Forensic Science, University of California, Davis
2012-	Professor of the Graduate School, University of California, Berkeley, CA
1988-1993	Chairman, Department of Biomedical and Environmental Health Sciences, School of Public Health, University of California, Berkeley, CA
2004-2006	University Committee on Research Policy, University of California (Chair 2005/06)
1995-2007	Head, Division of Infectious Diseases, School of Public Health, University of California, Berkeley, CA
2009-2012	Associate Dean for Student Affairs, School of Public Health, University of California, Berkeley, CA

OTHER APPOINTMENTS

1984-1990	Visiting Professor, Forensic Science Unit, Department of Pure and Applied Chemistry, University of Strathclyde, Glasgow, Scotland
1997	Visiting Professor, Department of Surgery, Faculty of Medicine, University of Rome II, Rome, Italy
1997	Visiting Professor, Department of Science and Technology, University of the Philippines, Diliman, Quezon City, Philippines
2003	Visiting Professor, Department of Legal Medicine, Nihon University, Tokyo, Japan

HONORS AND AWARDS

Distinguished Service Award, California Association of Criminalists - 1983
Paul L. Kirk Award, American Academy of Forensic Sciences - 1987
Peter Sherry Memorial Lecturer, Georgia Institute of Technology - 1990
Fulbright Research Scholar, Metropolitan Police Forensic Science Laboratory, London - 1993
Norman Rosenblatt Memorial Lecturer, Northeastern University - 1995
President, 18th Congress, International Society for Forensic Haemogenetics, 1999

ACADEMIC AFFILIATIONS

Graduate Group in Comparative Biochemistry
Graduate Group in Infectious Diseases and Immunity
Graduate Group in Microbiology
Graduate Group in Forensic Science (UC Davis)

PROFESSIONAL ASSOCIATIONS

American Association for the Advancement of Science
Sigma Xi
American Society for Human Genetics
American Society for Microbiology
California Association of Criminalists
American Academy of Forensic Sciences
California Association of Crime Laboratory Directors
International Society for Forensic Genetics

PROFESSIONAL SERVICE

Editorial Secretary, California Association of Criminalists (1977-1982)
Editorial Board, Journal of Forensic Sciences (1980-2005)
Editorial Board, Science and Justice (1984-2014)
Editorial Board, Forensic Science Reviews (1988-present)
Secretary, Council on Forensic Science Education (1989-1991)
American Society for Human Genetics, ad hoc Committee on Individual Identification by DNA Analysis (1989)
DNA Commission, International Society for Forensic Haemogenetics (1989-1991)
National Research Council, Committee on DNA Technology in Forensic Science (1990-92)
National Research Council, Committee on Forensic DNA - An Update (1994-1996)
President, 18th Congress, International Society for Forensic Haemogenetics, 1999
Technical Working Group on Education and Training in Forensic Science (2001-2002)
National Research Council, Committee to Review the Research Program of the National Institute of Justice (2007-2010)

RESEARCH INTERESTS

Microbial population genetics and evolution, molecular epidemiology

Genetic variation in human populations - biological significance and evolutionary origins

Forensic science - forensic genetics, science-law interactions, concepts of identification

G.F. SENSABAUGH - PUBLICATIONS

Master List

1. SURVIVAL OF ENZYMES IN DRIED BLOOD. G.F. Sensabaugh, A.C. Wilson, and P.L. Kirk. Fed. Proc. 27:792 (1968). (abstract)
2. Book Review: ISOENZYMES IN BIOLOGY AND MEDICINE. G.F. Sensabaugh. Amer. J. Med. Sci. 258:284 (1969).
3. PROTEIN STABILITY IN PRESERVED BIOLOGICAL REMAINS. I. SURVIVAL OF BIOLOGICALLY ACTIVE PROTEIN IN AN EIGHT YEAR OLD SAMPLE OF DRIED BLOOD. G.F. Sensabaugh, A.C. Wilson, and P. L. Kirk, International Journal of Biochemistry 2:545-557 (1971).
4. PROTEIN STABILITY IN PRESERVED BIOLOGICAL REMAINS. II. MODIFICATION AND AGGREGATION OF PROTEINS IN AN EIGHT YEAR OLD SAMPLE OF DRIED BLOOD. G.F. Sensabaugh, A.C. Wilson, and P.L. Kirk, International Journal of Biochemistry 2:558-568 (1971).
5. A LACTATE DEHYDROGENASE SPECIFIC TO THE LIVER OF GADOID FISH. G.F. Sensabaugh and N.O. Kaplan, Journal of Biological Chemistry 247:585-593 (1972).
6. STUDIES ON RED CELL ACID PHOSPHATASE. G.F. Sensabaugh. Amer. J. of Human Genetics 26:78a (1974). (abstract)
7. GENETIC AND NON-GENETIC VARIATION OF HUMAN ACID PHOSPHATASES. G.F. Sensabaugh, Isozymes I:367-380, (C.L. Markert, ed.) Academic Press (1975).
8. MOLECULAR EVOLUTION AND THE IMMUNOLOGICAL DETERMINATION OF SPECIES. G.F. Sensabaugh, Forensic Sci. 5:164 (1975). (abstract)
9. PROTEIN AND ENZYME POLYMORPHISMS IN HUMAN SEMEN. E.T. Blake and G.F. Sensabaugh, Forensic Sci. 5:108 (1975). (abstract)
10. MOLECULAR EVOLUTION AND THE IMMUNOLOGICAL DETERMINATION OF SPECIES. G.F. Sensabaugh, International Microform J. of Leg. Med. 11, article 219 (1975).
11. PROTEIN AND ENZYME POLYMORPHISMS IN HUMAN SEMEN. E.T. Blake and G.F. Sensabaugh, International Microform J. of Leg. Med. 10, article 21 (1975)
12. ESTERASE D. TYPING IN BLOOD STAINS. E.T. Blake and G.F. Sensabaugh, Forensic Serology News, No. 5, 1-4 (1975).
13. SPERM DIAPHORASE: GENETIC POLYMORPHISM OF A SPERM-SPECIFIC ENZYME IN MAN. K. Caldwell, E.T. Blake, and G.F. Sensabaugh, Science 191: 1185-1187 (1976).
14. RESEARCH AND THE CRIME LABORATORY. G.F. Sensabaugh, Crime Laboratory Management Forum 1976, ed. by Richard H. Fox and Fred H. Wynbrandt, The Forensic Sciences Foundation Press, Ch. XII, 169-180 (1976)
15. GENETIC MARKERS IN HUMAN SEMEN: A REVIEW. E.T. Blake and G.F. Sensabaugh, Journal of Forensic Sciences 21:784-796 (1976).
16. ESTERASE D POLYMORPHISM IN CHINESE AND JAPANESE. G.F. Sensabaugh and V.L. Golden, Human Genetics 35:103-105 (1976).
17. ERYTHROCYTE ACID PHOSPHATASE TYPING ON STARCH GELS CONTAINING GLYCEROL. G.F. Sensabaugh and V.L. Golden, Forensic Serology News 2 (6) 1-2 (1976).
18. IMMUNOSUPPRESSIVE ACTIVITY OF HUMAN SEMINAL PLASMA. I. INHIBITION OF IN VITRO LYMPHOCYTE ACTIVATION. E.M. Lord, G.F. Sensabaugh, and D.F. Stites, Journal of Immunology 118, 1704-1711 (1977).
19. SEMEN EVIDENCE IN THE INVESTIGATION OF RAPE. G.F. Sensabaugh. Crime Laboratory Digest 77_7:4 (1977). (abstract)
20. Book Review: KERATINS. THEIR COMPOSITION, STRUCTURE AND BIOSYNTHESIS by R.D.P. Fraser, T.P. MacRae, and G.E. Rogers (C.H. Thomas, Springfield, IL) G.F. Sensabaugh. J. Forensic Sci. 22:263 (1977).
21. EXPRESSION OF GENETIC VARIATION IN HUMAN SEMEN. E.T. Blake and G.F. Sensabaugh. Amer. J. Hum. Genet. 29:24a (1977). (abstract)
22. RED CELL ACID PHOSPHATASE IS FMN PHOSPHATASE. E. Mansfield and G.F. Sensabaugh. Amer. J. Hum. Genet. 29:74a (1977). (abstract)

23. GENOTYPE DEPENDENT INHIBITION OF RED CELL ACID PHOSPHATASE BY FOLIC ACID. G.F. Sensabaugh and V.L. Golden. Amer. J. Hum. Genet. 29:96a (1977). (abstract)

24. ISOLATION AND CHARACTERIZATION OF A SEMEN SPECIFIC PROTEIN FROM HUMAN SEMINAL PLASMA. A POTENTIAL NEW MARKER FOR SEMEN IDENTIFICATION. G.F. Sensabaugh, J. Forensic Sci. 23, 106-115 (1978).

25. PHENOTYPIC DIFFERENCES IN PURINE MODULATION OF ERYTHROCYTE ACID PHOSPHATASE ACTIVITY. E. Mansfield, G.F. Sensabaugh, Lancet (8030) 201-202 (1977).

26. RED CELL ACID PHOSPHATASE: MODULATION OF ACTIVITY BY PURINES. E. Mansfield, and G.F. Sensabaugh, Proc. 4th International Conference on Red Cell Metabolism and Function The Red Cell 21, G. Brewer ed., 233-249 (1978).

27. ON RED CELL ACID PHOSPHATASE TYPING. G.F. Sensabaugh and B.G.D. Wraxall, Forensic Serology News 2 (6), 1-3 (1977).

28. PHENOTYPE DEPENDENCE IN THE INHIBITION OF RED CELL ACID PHOSPHATASE BY FOLATES. G.F. Sensabaugh and V.L. Golden, Amer. J. Human Genet. 30:553-560 (1978).

29. LETTER RE: LEAA_AEROSPACE_BECKMAN BLOODSTAIN ANALYSIS PROJECT. G.F. Sensabaugh, Crime Laboratory Digest 78_7:15 (1978). (letter)

30. GENETIC MARKERS IN HUMAN SEMEN II. QUANTITATION OF POLYMORPHIC PROTEINS. E.T. Blake and G.F. Sensabaugh, Journal of Forensic Sciences 23, 717-729 (1978).

31. THE QUANTITATIVE ACID PHOSPHATASE TEST. A STATISTICAL ANALYSIS OF ENDOGENOUS AND POST COITAL LEVELS IN THE VAGINA. G.F. Sensabaugh, Journal of Forensic Sciences 24, 346-365 (1979).

32. HAPTOGLOBIN TYPING IN BLOODSTAINS I. ELECTROPHORESIS OF IMMUNE PRECIPITATED HAPTOGLOBIN. E.T. Blake and G.F. Sensabaugh, Journal of Forensic Science Society. 18, 237-244 (1978).

33. EVIDENCE FOR A NULL ALLELE AT THE ESTERASE D (E.C.3.1.1.1) LOCUS. R.S. Sparkes, S. Targum, E. Gershon, G.F. Sensabaugh, M.C. Sparkes, and M. Crist, Human Genetics 46, 319-323 (1979).

34. AN APPARENT RARE VARIANT OF HUMAN "RED CELL" ACID PHOSPHATASE (ACP1). J.M. White, G.F. Sensabaugh, and M.M. Graves, Forensic Sci. Internat. 14:157 (1979). (abstract)

35. MODIFICATION OF PGM ISOZYME PATTERNS IN SEMEN CONTAMINATED WITH SALIVA. G.F. Sensabaugh, E.T. Blake and D. Northey, Forensic Sci. Internat. 14:113-114 (1979) (abstract)

36. AN APPARENT RARE VARIANT OF HUMAN "RED CELL" ACID PHOSPHATASE (ACP1). J.M. White, G.F. Sensabaugh, and M.M. Graves, Proc. 8th International Congress of Forensic Hemogenetics pp 539-543. (1979)

37. MODIFICATION OF PGM ISOZYME PATTERNS IN SEMEN CONTAMINATED WITH SALIVA. G.F. Sensabaugh, E.T. Blake and D. Northey, Proc. 8th International Congress of Forensic Hemogenetics pp 257-260. (1979)

38. SYNTHESIS AND CLEANUP PROCEDURES FOR METHYL UMBELLIFERONE PHOSPHATE. E.T. Blake and G.F. Sensabaugh, California Assoc. of Criminalists Newsletter Fall 1979: 16-18. (1979).

39. GENETIC MARKERS IN SEMEN. III. ALTERATION OF PHOSPHOGLUCOMUTASE ISOZYME PATTERNS IN SEMEN CONTAMINATED WITH SALIVA. G.F. Sensabaugh, E.T. Blake, and D.H. Northey, Journal of Forensic Science 25:470-478 (1980).

40. USES OF POLYMORPHIC RED CELL ENZYMES IN FORENSIC SCIENCES. G.F. Sensabaugh, Clinics in Haematology 10:185-207 (1981).

41. BIOCHEMICAL MARKERS OF INDIVIDUALITY. G.F. Sensabaugh, Handbook of Forensic Science, (R. Saferstein, ed.) Prentice Hall, pp. 338-415 (1981).

42. FLOW PERMEATION ANALYSIS OF BOVINE CERVICAL MUCUS. P.Y. Tam, D.F. Katz, S.A. Berger, and G.F. Sensabaugh, Biophys. J. 38:153-159 (1982).

43. POPULATION SURVEY AND STABILITY STUDIES ON p30 IN SEMEN. E.T. Blake, M. Gibbons, G.F. Sensabaugh and J. Bashinski. J. Forensic Sci. Soc. 22:318 (1982). (abstract)

44. PURIFICATION AND SEROLOGICAL STUDIES ON TWO LECTIN SPECIFICITIES FROM ULEX EUROPENS SEEDS: A PRELIMINARY REPORT. E.T. Blake, G.F. Sensabaugh, and J. Bashinski. J.

Forensic Sci. Soc. 22:317 (1982). (abstract)

45. COMPARATIVE STABILITY OF MARKERS IN SEMEN. E.T. Blake, M. Gibbons, J. Bashinski and G.F. Sensabaugh. J. Forensic Sci. Soc. 22:317-318 (1982). (abstract)

46. ISOZYMES IN FORENSIC SCIENCE. G.F. Sensabaugh, Isozymes. Current Topics in Biological and Medical Research, Vol. 6 (M. Rattazzi, J. Scandalios, and G. Whitt, eds.) A. Liss, pp. 2478-282 (1982).

47. HEREDITARY PLASMA LECITHIN CHOLESTEROL ACYL TRANSFERASE DEFICIENCY. A HETEROZYGOUS VARIANT WITH ERYTHROCYTE MEMBRANE ABNORMALITIES. S.K. Jain, N. Mohandas, G.F. Sensabaugh, A. M. Shojania, and S.B. Shohet, J. Lab. Clin. Med. 99:816-826 (1982).

48. THE UTILIZATION OF POLYMORPHIC ENZYMES IN FORENSIC SCIENCE. G.F. Sensabaugh, Isozymes. Current Topics in Biological and Medical Research, Vol. II. (M. Rattazzi, J. Scandalios, and G. Whitt, eds.) A Liss, pp. 137-154 (1983).

49. ACID PHOSPHATASE (RAPE CASES). In: Laboratory Medicine: Urinalysis and Medical Microscopy, 2nd Ed., J.A. Freeman and M.F. Beeler, eds., (Lea and Febiger) pp.xxxx (1983).

50. DEVELOPMENT OF AN ELISA ASSAY FOR HUMAN SEMINAL p30. G.F. Sensabaugh, H. Graves, E.T. Blake and J. Bashinski. J. Forensic Sci. Soc. 23:82 (1983). (abstract)

51. BIOCHEMICAL STUDIES ON "FEMALE EJACULATES" G.F. Sensabaugh and D. Kahane. J. Forensic Sci. Soc. 23:83 (1983). (abstract)

52. LEWIS TYPING OF SECRETIONS BY ABSORPTION- INHIBITION USING FICIN TREATED INDICATOR CELLS. M. Gibbons, E.T. Blake and G.F. Sensabaugh. J. Forensic Sci. Soc. 23174 (1983). (abstract)

53. LEWIS A AND B LEVELS IN VAGINAL FLUIDS _ A PRELIMINARY STUDY. M. Gibbons, E.T. Blake, and G.F. Sensabaugh. J. Forensic Sci. Soc. 23:175 (1983). (abstract)

54. USE OF A NATURALLY OCCURRING INTESTINAL ALKALINE PHOSPHATASE WITH ABH BLOOD GROUP ACTIVITY IN SENSITIVE IMMUNOASSAYS FOR SECRETED ABH SUBSTANCES. G.F. Sensabaugh and Li Boling. J. Forensic Sci. Soc. 23:175 (1983). (abstract)

55. DETERMINANTS OF PROTEIN STABILITY IN THE DRY STATE. G.F. Sensabaugh.J. Forensic Sci. Soc. 23:176 (1983). (abstract)

56. THE DIRECTION AND STRUCTURE OF RESEARCH IN FORENSIC SCIENCE. G.F. Sensabaugh. J. Forensic Sci. Soc. 23:329 (1983). (abstract)

57. THE ACID PHOSPHATASE TEST. G.F. Sensabaugh, Proceedings, Forensic Science Symposium on the Analysis of Sexual Assault Evidence, U.S. Government Printing Office, pp. 65-81 (1984).

58. ACID PHOSPHATASE ASSAY OF VAGINAL SWABS. E.T. Blake, G.F. Sensabaugh, and J.S. Bashinski, Proceedings, Forensic Science Symposium on the Analysis of Sexual Assault Evidence, U.S. Government Printing Office, pp. 146-148 (1984).

59. RECOGNITION AND INVASION OF HUMAN ERYTHROCYTES BY MALARIAL PARASITES: CONTRIBUTION OF SIALOGLYCOPROTEINS TO ATTACHMENT AND HOST SPECIFICITY. M.J. Friedman, T. Blankenberg, G.F. Sensabaugh, and T.S. Tenforde, J. Cell Biol. 98:1672-1677 (1984).

60. PATTERNS OF LOSS OF SEMEN COMPONENTS FROM THE VAGINA. G.F. Sensabaugh. J. Forensic Sci. Soc. 24:443 (1984). (abstract)

61. DETERMINANTS OF PROTEIN STABILITY IN THE DRY STATE. G.F. Sensabaugh. J. Forensic Sci. Soc. 24:443 (1984). (abstract)

62. RESPONSE TO "THE MISAPPLICATION OF GENETIC ANALYSIS IN FORENSIC SCIENCE." G.F. Sensabaugh, J. Forens. Sci. 29:12-16 (1984). (letter)

63. POSTCOITAL DETECTION OF A MALE SPECIFIC SEMEN PROTEIN. APPLICATION TO THE INVESTIGATION OF RAPE. H.C.B. Graves, G.F. Sensabaugh, and E.T. Blake, New England J. Med. 312:338-343 (1985).

64. THE LABORATORY'S ROLE IN INVESTIGATING RAPE. G.F. Sensabaugh, J. Bashinski, and E.T. Blake, Diagnostic Med. 8(3):46-53 (1985).

65. GENETIC RELATIONSHIPS AMONG NEISSERIA SPECIES ASSESSED BY COMPARATIVE ENZYME ELECTROPHORESIS. P.K. Chun, G.F. Sensabaugh, and N.A. Vedros, J. Gen. Microbiology 131:3105-3115 (1985).

66. RESEARCH DIRECTIONS IN FORENSIC CHEMISTRY. G.F. Sensabaugh, J. Chem. Ed. 62:1051-1052 (1985).

67. PATTERNS OF LOSS OF SEMEN COMPONENTS FROM THE VAGINA AFTER COITUS. G.F. Sensabaugh. J. Forensic Sci. Soc. 25:478 (1985). (abstract)

68. ENZYME IMMUNOASSAY FOR M ANTIGEN. G.F. Sensabaugh and R.J. Kochenburger. J. Forensic Sci. Soc. 25:478_479 (1985). (abstract)

69. RED CELL ACID PHOSPHATASE ISOSYME PATTERNS. G.F. Sensabaugh. Proc. of the Internatl. Symp. on the Forensic Application of Electrophoresis (U.S. Dept. of Justice, Washington, D.C.) p. 181, (1985) (abstract)

70. WHAT CAN BE LEARNED FROM THE PROFICIENCY TRIALS? AN ANALYSIS OF THE ELECTROPHORETIC TYPING RESULTS 1973_83. Proc. of the Internatl. Symp. on the Forensic Applications of Electrophoresis (U.S. Dept. of Justice, Washington, D.C.) p. 184, (1985) (abstract)

71. METHOD RELIABILITY: SUMMARY OF A PANEL DISCUSSION. G.F. Sensabaugh, R.C. Allen, G.B. Divall, D.D. Dykes, D.J. Reeder and M. Stolorow. Proc. of the Internatl. Symp. on the Forensic Applications of Electrophoresis (U.S. Dept. of Justice, Washington, D.C.) pp. 190_191, (1985)

72. FORENSIC SCIENCE RESEARCH: WHO DOES IT? WHERE IS IT GOING? G.F. Sensabaugh, Forensic Science, 2nd Ed. (G. Davies, ed.) American Chemical Society Publications, pp. 129-140 (1986).

73. CHARACTERIZATION OF THE PHOSPHOTRANSFERASE ACTIVITY OF RED CELL ACID PHOSPHATASE (ACP1). V.L. Golden and G.F. Sensabaugh, Advances in Forensic Haemogenetics, Vol. 1 (B. Brinkmann and K. Henningsen, eds.) Springer-Verlag, pp. 123-126 (1986).

74. PHENOTYPIC VARIATION IN THE PHOSPHOTRANSFERASE ACTIVITY OF HUMAN RED CELL ACID PHOSPHATASE (ACP1). V.L. Golden and G.F. Sensabaugh, Human Genetics 72:340-343 (1986).

75. FORENSIC BIOLOGY - IS RECOMBINANT DNA TECHNOLOGY IN ITS FUTURE? G.S. Sensabaugh, J. Forensic Sci. 31:393-396 (1986). (editorial)

76. LEVELS AND DISTRIBUTION OF ABH AND LEWIS BLOOD GROUP SUBSTANCES IN VAGINAL SECRETIONS. M. Gibbons, E.T. Blake, and G.F. Sensabaugh. J. Forensic Sci. Soc. 26:224 (1986). (abstract)

77. ABH AND LEWIS TYPING: APPLICATION TO SELECTED PROBLEMS IN MIXTURES OF SEMEN AND VAGINAL SECRETIONS. M. Gibbons, E.T. Blake and G.F. Sensabaugh. J. Forensic Sci. Soc 26:224 (1986). (abstract)

78. HUMAN RED CELL ACID PHOSPHOTRANSFERASE (ACP1): EVIDENCE FOR DIFFERENCES IN THE PRIMARY STRUCTURE OF THE TWO ISOZYMES ENCODED BY THE ACP1*B ALLELE. J. Dissing and G.F. Sensabaugh, Biochem. Genetics 25:919-927 (1987).

79. FORENSIC DNA ANALYSIS. C.H. von Beroldingen and G.F. Sensabaugh, California Department of Justice, Bureau of Forensic Services Tieline 12:27-44 (1987).

80. ST. THENEW: A PATRON SAINT FOR FORENSIC SEROLOGY. G.F. Sensabaugh, California Association of Criminalists Newsletter, Jan. p.9 (1987).

81. GENETIC TYPING OF BIOLOGICAL EVIDENCE. COMMENTS FOR THE COOPER AMICUS BRIEF. G.F. Sensabaugh, California Association of Criminalists Newsletter, July, pp. 11-17 (1987).

82. HLA TYPING OF SINGLE HUMAN HAIRS WITH ALLELE_SPECIFIC DNA PROBES. C.H. von Beroldingen, R. Higuchi, G.F. Sensabaugh, and H.A. Erlich. J. Canadian Soc. Forens. Sci. 20: 31 (1987) (abstract)

83. LEWIS AND ABH BLOOD GROUP PRECURSORS IN SEMEN, SALIVA AND VAGINAL FLUID. M.D. McGinnis, G.F. Sensabaugh. J. Canadian Soc. Forens. Sci. 20: 34 (1987) (abstract)

84. HUMAN RED CELL ACID PHOSPHATASE (ACP1): EVIDENCE FOR DIFFERENCES IN THE PRIMARY STRUCTURE OF THE TWO ISOZYMES EXPRESSED BY THE ACP1B ALLELE. J. Dissing and G.F. Sensabaugh. J. Canadian Soc. Forens. Sci. 20:44_45 (1987) (abstract)

85. IMMUNODOT BLOT TESTING FOR THE IDENTIFICATION OF SPECIES. J. Super_Mihalovich and G.F. Sensabaugh. J. Canadian Soc. Forens. Sci. 20: 48 (1987) (abstract)

86. IDENTIFICATION OF MN BLOOD GROUP ANTIGENS IN BLOODSTAINS BY WESTERN BLOT. L.

Calandro and G.F. Sensabaugh. J. Canadian Soc. Forens. Sci. 20:59_60 (1987) (abstract)

87. ENZYME IMMUNOASSAY OF M ANTIGEN: BLOODSTAINS. G.F. Sensabaugh, R. Kochenberger, and L. Calandro. J. Forensic Sci. Soc. 27:133 (1987) (abstract)

88. ANALYSIS OF ENZYMATICALLY AMPLIFIED HLA_DQa DNA FROM SINGLE HUMAN HAIRS. C.H. von Beroldingen, R.G. Higuchi, G.F. Sensabaugh, and H.A. Erlich. Amer. J. Human Genet. 41:A244 (1987). (abstract)

89. PERSPECTIVES ON THE FUTURE OF FORENSIC IMMUNOLOGY. G.F. Sensabaugh. Proceedings of the International Symposium on Forensic Immunology (U.S. Dept. of Justice, Washington, DC) pp. 111-116. (1987)

90. ABH AND LEWIS TYPING: APPLICATION TO SELECTED PROBLEMS IN MIXTURES OF SEMEN AND VAGINAL SECRETIONS. M.M. Gibbons, E.T. Blake, and G.F. Sensabaugh. Proceedings of the International Symposium on Forensic Immunology (U.S. Dept. of Justice, Washington, DC) pp. 137-138. (1987)

91. LEVELS AND DISTRIBUTION OF ABH AND LEWIS BLOOD GROUP SUBSTANCES IN VAGINAL SECRETIONS. M.M. Gibbons, E.T. Blake, and G.F. Sensabaugh. Proceedings of the International Symposium on Forensic Immunology (U.S. Dept. of Justice, Washington, DC) pp. 139-140. (1987)

92. ENZYME IMMUNOASSAY FOR M ANTIGEN IN BLOODSTAINS. G.F. Sensabaugh, R.J. Kochenburger, and L.M. Calandro. Proceedings of the International Symposium on Forensic Immunology (U.S. Dept. of Justice, Washington, DC) pp. 157-158. (1987)

93. HUMAN RED CELL ACID PHOSPHOTRANSFERASE (ACP1): EVIDENCE FOR DIFFERENCES IN THE PRIMARY STRUCTURE OF THE TWO ISOZYMES EXPRESSED BY EACH ALLELE. J. Dissing and G.F. Sensabaugh, Advances in Forensic Haemogenetics Vol. 2 (W.R. Mayr, ed.) Springer-Verlag, pp.86-91 (1988).

94. HLA TYPING OF SINGLE HUMAN HAIRS; DNA PROBES TO ENZYMATICALLY AMPLIFIED GENES. R. Higuchi, C.H. von Beroldingen, G.F. Sensabaugh and H.A Erlich. Advances in Forensic Haemogenetics Vol.2 (W.R. Mayr, ed.) Springer-Verlag, p. 387 (1988).

95. PREFACE to the Report of a Symposium on the Practice of Forensic Serology, 1987. G.F. Sensabaugh. State of California Department of Justice, Bureau of Forensic Services (Sacramento) (1988).

96. STANDARDS OF TRAINING. G. Matheson, E. Schwecke, S. Scott, G. Sensabaugh, and J. White. Report of a Symposium on the Practice of Forensic Serology, 1987. State of California Department of Justice, Bureau of Forensic Services (Sacramento) pp. 14-22 (1988).

97. DNA TYPING FROM SINGLE HAIRS. R. Higuchi, C.H. von Beroldingen, G.F. Sensabaugh and H.A. Erlich. Nature 332:543-546 (1988).

98. Book Review: ADVANCES IN FORENSIC HAEMOGENETICS, VOL. 1. (B. Brinkmann and K. Henningsen, eds.) Springer-Verlag, 1986. J. Forensic Sciences 33:851 (1988).

99. EFFECTS OF DNA DAMAGE ON PCR AMPLIFICATION. M. Buoncristiani, C. von Beroldingen and G.F. Sensabaugh. J. Forensic Sci. Soc. 28:266_267 (1988). (abstract)

100. DNA IN HAIR. S. Walsh and G.F. Sensabaugh. J. Forensic Sci. Soc. 28:267 (1988). (abstract)

101. WESTERN BLOT ANALYSIS OF MN BLOODGROUP GLYCOPROTEINS: UNUSUAL VARIANTS. L. Calandro and G.F. Sensabaugh. J. Forensic Sci. Soc. 28:267 (1988). (abstract)

102. EFFECTS OF PROTEASES ON BLOOD GROUP ACTIVE GLYCOPROTEINS IN SEMEN. M. McGinnis and G.F. Sensabaugh. J. Forensic Sci. Soc. 28:267_68 (1988). (abstract)

103. APPLICATIONS OF PCR TO THE ANALYSIS OF BIOLOGICAL EVIDENCE. C. vonBeroldingen, E.T. Blake, R. Higuichi, G.F. Sensabaugh, and H.A. Erlich. in PCR Technology: Principles and Applications for DNA Amplification (H.A. Erlich, ed.) Stockton Press, New York, pp. 209-223. (1989)

104. THE APPLICATION OF THE POLYMERASE CHAIN REACTION IN FORENSIC SCIENCE. G.F. Sensabaugh and C. vonBeroldingen. In Polymerase Chain Reaction (H.A. Erlich, R. Gibbs, and H.H. Kazazian, eds.) Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, pp. 147-150. (1989)

105. DNA TECHNOLOGY AND FORENSIC SCIENCE - Banbury Report 32. J. Ballentyne, G.F. Sensabaugh, and J. Witkowski, eds.) Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY. 368 pages. (1989)

106. THE USE OF THE POLYMERASE CHAIN REACTION OF TYPING GC VARIANTS. R. Reynolds and

G.F. Sensabaugh, J. Forensic Sci. Soc. 29:342 (1989). (abstract)

107. IMMUNE STAINING OF THE PROSTATE AND SEMINAL VESICLES WITH ABO/LEWIS ANTIBODIES. M. McGinnis and G.F. Sensabaugh. J. Forensic Sci. Soc. 29:343 (1989). (abstract)

108. AN ANALYSIS OF THE QUANTITY AND QUALITY OF DNA FROM HAIR. R.K. Roby, S. Walsh, C. vonBeroldingen, and G.F. Sensabaugh. J. Forensic Sci. Soc. 29:343 (1989). (abstract)

109. EFFECTS OF UV DAMAGE ON DNA AMPLIFICATION BY THE POLYMERASE CHAIN REACTION. M. Buoncristiani, C. vonBeroldingen, and G.F. Sensabaugh. J. Forensic Sci. Soc. 29:343 (1989). (abstract)

110. THE POLYMERASE CHAIN REACTION: PRINCIPLES AND APPLICATIONS. C. vonBeroldingen, G.F. Sensabaugh, and H.A. Erlich. Manual for Technical Workshop, "DNA Probe Technology", Annual Meeting, American Association of Blood Banks, New Orleans, LA, Oct. 22, 1989.

111. THE FUTURE OF DNA IN DRUG TESTING. G.F. Sensabaugh. Pharmchem Newsletter 17(4):1-2. (1989)

112. INDIVIDUAL IDENTIFICATION BY DNA ANALYSIS: POINTS TO CONSIDER. Ad hoc committee on individual identification by DNA analysis, American Society for Human Genetics. Amer. J. Human Genet. 46:631-634. (1990)

113. USE OF THE POLYMERASE CHAIN REACTION FOR TYPING Gc VARIANTS. R.L. Reynolds and G.F. Sensabaugh. In Advances in Forensic Haemogenetics (H.F. Polesky and W.R. Mayr, eds.) Springer_Verlag, Berlin. pp. 158_161. (1990)

114. AMPLIFICATION OF Y CHROMOSOME_SPECIFIC SEQUENCES IN BIOLOGICAL EVIDENCE. C.H. von Beroldigen, G.F. Sensabaugh, L.A. von Beroldingen, R. Higuchi, and H.A. Erlich. In Advances in Forensic Haemogenetics (H.F. Polesky and W.R. Mayr, eds.) Springer_Verlag, Berlin. pp. 162_164. (1990)

115. EFFECTS OF UV DAMAGE ON DNA AMPLIFICATION BY THE POLYMERASE CHAIN REACTION. M. Buoncristiani, C. von Beroldingen, and G.F. Sensabaugh. In Advances in Forensic Haemogenetics (H.F. Polesky and W.R. Mayr, eds.) Springer_Verlag, Berlin. pp. 151_153. (1990)

116. RELIABILITY OF THE HLA_DQa PCR_BASED OLIGONUCLEOTIDE TYPING SYSTEM. H.A. Erlich, R. Higuchi, K. Lichtenwalter, G.F. Sensabaugh. J. Forensic Sci. 35:1017_1019 (1990). (letter)

117. SEMINAL PLASMA PROTEIN p30; SIMPLIFIED PURIFICATION AND EVIDENCE FOR IDENTITY WITH PROSTATE SPECIFIC ANTIGEN. G.F. Sensabaugh and E.T. Blake. J. Urol. 144:1523_1526 (1990).

118. DETECTION OF SEQUENCE DIFFERENCES BETWEEN GC VARIANTS USING THE POLYMERASE CHAIN REACTION. R. Reynolds, G.F. Sensabaugh and D. Gregonis. J. Forensic Sci. Soc. 30:322 (1990) (abstract)

119. THE POLYMERASE CHAIN REACTION: APPLICATION TO THE ANALYSIS OF BIOLOGICAL EVIDENCE. G.F. Sensabaugh and C. von Beroldingen. In Forensic DNA Technology (M.A. Farley and J.J. Harrington, eds.) CRC Press, Lewis Publishers, Inc., Chelsea, MI. pp. 63_82. (1991)

120. ANALYSIS OF GENETIC MARKERS IN FORENSIC DNA SAMPLES USING THE POLYMERASE CHAIN REACTION. R. Reynolds, G.F. Sensabaugh, and E.T. Blake. Anal. Chem. 63:2-15 (1991).

121. GENETIC BYPING OF BIOLOGICAL EVIDENCE USING THE POLYMERASE CHAIN REACTION. G.F. Sensabaugh. In DNA-Technology and Its Forensic Application (G. Berghaus, B. Brinkmann, C. Rittner, and M. Stask, eds.) Springer-Verlag, Berlin, Heidelberg. pp. 33-40. (1991).

122. FORENSIC APPLICATION OF THE POLYMERASE CHAIN REACTION. G.F. Sensabaugh. J. Forensic Sci. Soc. 31(2):201-204 (1991).

123. HUMAN RED CELL ACID PHOSPHATASE (ACPI): THE AMINO ACID SEQUENCE OF THE TWO ISOZYMES Bf and Bs ENCODED BY THE ACP1*B ALLELE. J. Dissing, A.H. Johnson, and G.F. Sensabaugh. J. Biol. Chem. 266:21619-20625 (1991).

124. SEXUAL ABUSE OF CHILDREN: DETECTION OF SEMEN ON SKIN. T. Gabby, M.A. Winkleby, W.T. Boyce, D.L. Fisher, A. Lancaster, and G.F. Sensabaugh. J. Diseases of Children 146:700-703 (1992).

125. MOSQUITO BLOODMEAL IDENTIFICATION BY AMPLIFICATION OF HOST DNA. G.F. Sensabaugh and C.E. Cook. Mosquito Control Research Annual Report 1991. University of California, Division of Agriculture and Natural Resources, Davis CA. pp. 40-41 (1992).

126. DNA ANALYSIS OF BIOLOGICAL EVIDENCE: APPLICATION OF THE POLYMERASE CHAIN

REACTION. G.F. Sensabaugh and E.T. Blake. In: Forensic Science Handbook, Vol. 3. (R. Saferstein, ed.) Prentice Hall, Englewood Cliffs, NJ. pp. 416-452 (1992).

127. DRIED BODY FLUIDS: DNA TYPING OF BIOLOGICAL EVIDENCE MATERIAL. G.F. Sensabaugh. In: Ancient DNA (B. Herrmann, S. Hummel, eds.) Springer-Verlag, Berlin. pp. 138-145 (1992).

128. A TAQ1 SITE IDENTIFIES THE *A ALLELE AT THE ACP1 LOCUS. G.F. Sensabaugh and K.D.A. Lazaruk. Human Mol. Genet. 2:1079 (1993).

129. CHARACTERIZATION OF MOSQUITO POPULATIONS BY DNA SEQUENCING. G.F. Sensabaugh and C.E. Cook. Mosquito Control Research Annual Report 1992, University of California, Division of Agriculture and Natural Resources, Davis CA. pp. 43-44 (1993).

130. DNA FROM ANCIENT TEETH. D. DeGusta and G.F. Sensabaugh. J. Forensic Science Soc. 33:188 (1993) (Abstract)

131. STUDIES ON THE POLYMORPHISM AT THE HUM-FABP AND HUM-THO1 LOCI. M. Savill and G.F. Sensabaugh. J. Forensic Science Soc. 33:190 (1993) (Abstract)

132. GENETIC STRUCTURE OF THE HUMAN RED CELL ACID PHOSPHATASE LOCUS: GENETIC TYPING OF THE *A, *B, AND *C ALLELES AT THE DNA LEVEL. K.D.A. Lazaruk and G.F. Sensabaugh. J. Forensic Science Soc. 33:190 (1993) (Abstract)

133. SPECIES IDENTIFICATION FROM MITOCHONDRIAL CYTOCHROME b SEQUENCES. C. Cook and G.F. Sensabaugh. J. Forensic Science Soc. 33:191 (1993) (Abstract)

134. PROSTATE SPECIFIC ANTIGEN, p30, -SEMINOPROTEIN, AND E_1. RESPONSE. G.F. Sensabaugh. The Prostate 24:109-110 (1994). (Letter)

135. EXON STRUCTURE AT THE HUMAN ACP1 LOCUS SUPPORTS ALTERNATIVE SPLICING FOR f AND s ISOZYME GENERATION. K.D.A. Lazaruk, J. Dissing, and G.F. Sensabaugh. Biochem. Biophys. Res. Comm. 196:440-446 (1993).

136. CONCERNING THE SOLUBILITY OF SUGAR IN GASOLINE. K. Inman, G. Hardin, G.F. Sensabaugh, and J.I. Thornton. J. Forensic Sciences 38:757 (1993). (Letter)

137. HUMAN RED CELL ACID PHOSPHATASE (ACP1): GENETIC TYPING AT THE DNA LEVEL. K.D.A. Lazaruk and G.F. Sensabaugh. Advances Forensic Haemogenetics 5: 65-67 (1994)

138. A NEW LOOK AT OLD FRIENDS: THE MOLECULAR BIOLOGY OF THE PROTEIN MARKERS. G.F. Sensabaugh. Advances Forensic Haemogenetics 5: 50-56 (1994)

139. STUDIES ON THE HUMFABP AND HUMTHO1 POLYMORPHISMS. M.G. Savill and G.F. Sensabaugh. Advances Forensic Haemogenetics 5: 575-576 (1994)

140. HIGH SPEED, HIGH THROUGHPUT THO1 ALLELIC SIZING USING ENERGY TRANSFER PRIMERS AND CAPILLARY ARRAY ELECTROPHORESIS. Y. Wang, J. Ju, B. Carpenter, J. Atherton, G.F. Sensabaugh, and R. Mathies. Anal. Chem. 67: 1197-1203 (1995)

141. IDENTIFICATION OF A RECOMBINANT THAT PLACES THE GENE FOR HEREDITARY HEMOCHROMATOSIS TELOMERIC TO HLA-A. L.M. Calandro, D.M. Baer, and G.F. Sensabaugh. Human Genet. 96: 339-342 (1995)

142. VERTICAL COMPATIBILITY OF SHORT TANDEM REPEAT POLYMROPHISM TYPING USING ENERGY TRANSFER FLUORESCENT PRIMERS. J. Atherton Wallin, B. Carpenter, Y. Wang, J. Ju, R. Mathies, and G.F. Sensabaugh. CACNews, Fall 1995, pp. 16-17 (1995)

143. USE OF SHORT TANDEM REPEAT MARKERS FOR FINE MAPPING OF A GENE. L. Calandro and G.F. Sensabaugh. Science and Justice 35:233 (1995). (abstract)

144. RAPID DETECTION OF GENETIC TYPES A POLYMORPHIC SHORT TANDEM REPEAT (STR) LOCI USING TWO COLOR CAPILLARY ARRAY ELECTROPHORESIS. Y. Wang, J. Ju, R. Mathies, B. Carpenter, J. Atherton, and G.F. Sensabaugh. Science and Justice 35:233 (1995). (abstract)

145. SHORT TANDEM REPEAT (STR) POLYMORPHISM ANALYSIS USING ENERGY TRANSFER FLUORESCENT PRIMERS. J. Atherton, J. Ju, Y. Wang, Wallin, B. Carpenter, R. Mathies, and G.F. Sensabaugh. Proceedings, 6th International Symposium of Human Identification - 1995. Promega Corp. (1996) pp.72-80.

146. DNA SEQUENCING USING FOUR-COLOR CAPILLARY ARRAY ELECTROPHORESIS AND ENERGY TRANSFER PRIMERS. I. Kheterpal, J. Ju, A. Radhakrishnan, G.S. Brandt, C.L. Ginther, S.M. Clark, J.R. Scherer, G.F. Sensabaugh, and R.A. Mathies. Proc. Soc Photo-Opt. Instrum. Engineers 1996,

2680:204-213 (1996).

147. FORENSIC APPLICATIONS OF PCR TECHNOLOGY: THE VIEW FROM THE FIRST DECADE. G.F. Sensabaugh. Proceedings, International Workshop on Forensic DNA Analysis of Evidential Samples. National Research Institute for Police Science, Tokyo, Japan (1996) p.13 (Abstract)

148. HIGH RESOLUTION CAPILLARY ARRAY ELECTROPHORETIC SIZING OF MULTIPLEXED SHORT TANDEM REPEAT LOCI USING ENERGY TRANSFER FLUORESCENT PRIMERS. Y. Wang, J. M. Wallin, J. Ju, G.F. Sensabaugh, and R. Mathies. Electrophoresis 17:1485-1490 (1996).

149. EXTENT OF HETEROGENEITY IN MITOCHONDRIAL DNA OF SUB_SAHARAN AFRICAN POPULATIONS. T. Melton, C. Ginther, G.F. Sensabaugh, H. Soodyall, and M. Stoneking. J. Forensic Sciences 42:582-592 (1997).

150. DNA SEQUENCING USING A FOUR-COLOR CONFOCAL FLUORESCENCE CAPILLARY ARRAY SCANNER. I. Kheterpal, J.R. Scherer, S.M. Clark, A. Radhakrishnan, J. Ju, C.L. Ginther, G.F. Sensabaugh, and R.A. Mathies. Electrophoresis 17: 1852-1859 (1996).

151. A NEW MICROSATELLITE MARKER AT THE RFP LOCUS ON CHROMOSOME 6p22 LOCATES THE HEMOCHROMATOSIS GENE AT LEAST ONE MEGABASE TELOMERIC TO HLA-A. L. Malfroy, H. Coppin, L. Calandro, N. Borot, D. Baer, G. Sensabaugh, and M-P. Roth. Europ. J. Human Genet. 5 (Suppl.):105 (1996) (abstract)

152. EVALUATION OF NEW PRIMERS FOR CSF1PO. K. Yoshida, K. Sekiguchi, K. Kasai, H. Sato, S. Seta, and G.F. Sensabaugh. Int. J. Legal Med. 110: 36-38 (1997)

153. MUTATION ANALYSIS IN HEREDITARY HEMOCHROMATOSIS - COMMENTARY. L. Calandro, T. Thorsen, L. Barcellos, J. Griggs, D. Baer, and G.F. Sensabaugh. Blood Cells, Molecules, and Diseases 22:194a_194b. (1996)

154. HIGH-SPEED DNA GENOTYPING USING MICROFABRICATED CAPILLARY ARRAY ELECTROPHORESIS CHIPS. A.T. Woolley, G.F. Sensabaugh, and R.A. Mathies. Anal. Chem. 69:2181-2186 (1997)

155. TRAINING GOALS IN FORENSIC SCIENCE. G.F. Sensabaugh. Proceedings, 11th Interpol Forensic Science Symposium, (R.S. Frank, M.F. Ernst, eds.) Forensic Science Foundation, pp. 298-301 (1995)

156. THE CONTRIBUTION OF TWO UNLINKED REGIONS TO GENETIC SUSCEPTIBILITY IN MULTIPLE SCLEROSIS. L.F. Barcellos, P. Lin, J. Schafer, G.F. Sensabaugh, G. Thomson, and W. Klitz. In: HLA: Genetic Diversity of HLA Functional and Medical Implications. Vol II. (D. Charron, ed.) EDK Medical and Scientific International Publisher, Paris. pp. 725-727 (1997)

157. HIGH THROUGHPUT DNA GENOTYPING ON CAPILLARY ARRAY ELECTROPHORESIS CHIPS. P. Simpson, A. Woolley, T. Thorsen, G.F. Sensabaugh, and R.A. Mathies. Progress in Forensic Genetics (B Olaisen, B. Brinkmann, PJ Lincoln, eds) 7:3-5 (1998)

158. GENETIC VARIATION AT 6 STR LOCI IN THE JAPANESE POPULATION. K. Yoshida, K. Kasai, H. Sato, C.H. Brenner, and G.F. Sensabaugh. Progress in Forensic Genetics (B Olaisen, B. Brinkmann, PJ Lincoln, eds) 7:360-362 (1998)

159. ON THE ADVANCEMENT OF FORENSIC SCIENCE AND THE ROLE OF THE UNIVERSITY. G.F. Sensabaugh. Science and Justice 38: 211-214 (1998)

160. HIGH-THROUGHPUT GENETIC ANALYSIS USING MICROFABRICATED 96-SAMPLE CAPILLARY ARRAY ELECTROPHORESIS MICROPLATES. P. Simpson, D. Roach, A. Woolley, T. Thorsen, R. Johnston, G.F. Sensabaugh, and R.A. Mathies. Proc. Nat. Acad. Sci. USA 95: 2256-2261 (1998)

161. A MITOCHONDRIAL CONTROL REGION AND CYTOCHROME *b* PHYLOGENY OF SIKA DEER (*Cervus nippon*) AND REPORT OF TANDOM REPEATS IN THE CONTROL REGION. C.E. Cook, Y. Wang, and G. Sensabaugh. Mol. Phylogenetics and Evol.12: 47-56 (1999)

162. NON-HUMAN DNA EVIDENCE. G. Sensabaugh and D.H. Kaye. Jurimetrics 39: 1-16 (1998)

163. HUMAN LOW MOLECULAR WEIGHT PHOSPHOTYROSINE PROTEIN PHOSPHATASE (ACP1): NUCLEOTIDE SUBSTITUTIONS IN VARIANT ALLELES SUPPORT MUTUALLY EXCLUSIVE SPLICING MODEL FOR THE GENERATION OF FAST AND SLOW ISOFORMS. L. Rudbeck, J. Dissing, K.D. Lazaruk, and G.F. Sensabaugh. Ann. Human Genet. 64: 107-116 (2000)

164. REFERENCE GUIDE ON DNA EVIDENCE. D.H. Kaye and G.F. Sensabaugh. In: Reference Manual on Scientific Evidence, 2nd Ed. Federal Judicial Center (2000). Updated in: Annotated Reference Manual on

Scientific Evidence, Second. M.J. Saks, D.L. Faigman, D.H. Kaye, & J. Saunders, eds. Thomson West, Eagan MN. (2004)

164a. THE ADMISSIBILITY OF DNA EVIDENCE. D.H. Kaye and G.F. Sensabaugh. Modified from #164. In: Modern Scientific Evidence: the Law and Science of Expert Testimony. DL Faigman, DH Kaye, MJ Saks, J Sanders, eds. West Pub. Co., St. Paul, MN. (1997 & annual updates)

164b. DNA TYPING. D.H. Kaye and G.F. Sensabaugh. Revised and updated from #164a. In: Modern Scientific Evidence: the Law and Science of Expert Testimony 2nd Ed. DL Faigman, DH Kaye, MJ Saks, J Sanders, eds. West Pub. Co., St. Paul, MN. (2002 & annual updates through 2005).

165. RED CELL ACID PHOSPHATASE (ACP1): NUCLEOTIDE SUBSTITUTIONS IN VARIANT ALLELES SUPPORT MUTUALLY EXCLUSIVE SPLICING MODEL FOR THE GENERATION OF FAST AND SLOW ISOFORMS. L. Rudbeck, J. Dissing, K.D. Lazaruk, and G.F. Sensabaugh. Progress in Forensic Genetics 8: 30-32 (2000)

166. SEXUALLY TRANSMITTED MICROBES AS MARKERS IN THE INVESTIGATION OF CHILD SEX ABUSE. B. Hill, B. Brunelle, and G.F. Sensabaugh. Progress in Forensic Genetics 8: 489-491 (2000)

167. PROGRESS IN FORENSIC GENETICS 8. G.F. Sensabaugh, B. Olaisen, and P.J. Lincoln, eds. Elsevier Science B.V., Amsterdam. (2000)

168. HIGH SPEED SINGLE NUCLEOTIDE POLYMORPHISM TYPING OF A HEREDITARY HAEMOCHROMATOSIS MUTATION WITH CAPILLARY ARRAY ELECTROPHORESIS MICROPLATES. I. Medintz, W. Wong, G. Sensabaugh, and R.A. Mathies. Electrophoresis 21: 2352-2358 (2000)

169. MITOCHONDRIAL DEOXYRIBONUCLEIC ACID. T. Melton and G.F. Sensabaugh. Encyclopedia of Forensic Sciences. J. Siegal, P. Saukko, and G. Knupfer, eds. (Academic Press, London) pp. 499-503 (2000)

170. HIGH_PERFORMANCE MULTIPLEX SNP ANALYSIS OF THREE HEMOCHROMATOSIS_RELATED MUTATIONS WITH CAPILLARY ARRAY ELECTROPHORESIS MICROPLATES. I. Medintz, W.W. Wong, L. Berti, L. Shiow, J. Tom, J. Scherer, G.F. Sensabaugh, and R.A. Mathies. Genome Research 11: 413_421 (2001)

171. FATHER OF FINGERPRINT STATISTICS ENDORSES MEDICINAL MARIJUANA. G.F. Sensabaugh. CAC News - Fourth Quarter 2001: 23 (2001)

172. MODEL STANDARDS FOR FORENSIC SCIENCE GRADUATE PROGRAM EVALUATION. G.F. Sensabaugh and R.E. Gaensslen. J. Forensic Sci. 48:460-464 (2003)

173. CLONAL CHARACTERIZATION OF *STAPHYLOCOCCUS AUREUS* BY MULTILOCUS RESTRICTION FRAGMENT TYPING, A RAPID SCREENING APPROACH FOR MOLECULAR EPIDEMIOLOGY. B.A. Diep, F. Perdreau-Remington, and G.F. Sensabaugh. J. Clin. Microbiol 41:4559-4564 (2003)

174. INCREASING MRSA IN CALIFORNIA JAILS. E.S. Pan, B.A. Diep, H.A. Carlton, E.D. Charlebois, G.F. Sensabaugh, B.L. Haller, and F. Perdreau-Remington. Clin. Infect. Dis. 37:1384-1388 (2003)

175. INTEGRATED PORTABLE GENETIC ANALYSIS MICROSYSTEM FOR PATHOGEN/INFECTIOUS DISEASE DETECTION. E.T. Lagally, J.R. Scherer, R.G. Blazej, N.M. Toriello, B.A. Diep, M. Ramchandani, G.F. Sensabaugh, L.W. Riley, and R.A. Mathies. Anal. Chem. 76:3162-3170 (2004)

176. WIDESPREAD SKIN AND SOFT TISSUE INFECTIONS DUE TO TWO MRSA STRAINS HARBORING THE GENES FOR PANTON-VALENTINE LEUKOCIDIN. B.A. Diep, G.F. Sensabaugh, N.S. Somboona, H.A. Carlton, and F. Perdreau-Remington. J Clin Microbiol. 42:2080-2084.(2004)

177. COMMUNITY-ADAPTED MRSA: POPULATION DYNAMICS OF AN EXPANDING RESERVOIR OF METHICILLIN RESISTANT *S. AUREUS*. H.A. Carleton, B.A. Diep, E.D. Charlebois, G.F. Sensabaugh, F. Perdreau-Remington. J Infect. Dis. 190:1730-1738 (2004)

178. POPULATION DYNAMICS OF NASAL STRAINS OF METHICILLIN RESISTANT STAPHYLOCOCCUS AUREUS - AND THEIR RELATION TO COMMUNITY-ASSOCIATED DISEASE ACTIVITY. E.S. Pan, B.A. Diep, E.D. Charlebois, C. Auerswald, G.F. Sensabaugh, F. Perdreau-Remington. J Infect. Dis. 192: 811-818 (2005)

179. THE POLYMORPHISMS OF FOUR Y_CHROMOSOME SHORT TANDEM REPEAT LOCI IN CHINESE AND JAPANESE POPULATIONS. J. Tie, Y. Suzuki, E. Iwakami, S. Oshida, and G.F. Sensabaugh. J. Forensic Sciences 50:220-222 (2005)

180. Book Review: DNA AND THE CRIMINAL JUSTICE SYSTEM, D. Lazar. In: N. Engl. J. Med. 352:2760 (2005)

181. THE ompA GENE IN CHLAMYDIA TRACHOMATIS DIFFERS IN PHYLOGENY AND RATE OF EVOLUTION FROM OTHER REGIONS OF THE GENOME. B.W. Brunelle and G.F. Sensabaugh. Infect. Immun. 74: 578_585 (2006)

182. ROLES OF 34 VIRULENCE GENES IN THE EVOLUTION OF HOSPITAL_ AND COMMUNITY_ASSOCIATED STRAINS OF METHICILLIN_RESISTANT STAPHYLOCOCCUS AUREUS. B.A. Diep, H.A. Carleton, R.F. Chang, G.F. Sensabaugh, and F. Perdreau_Remington. J. Infect. Dis. 193:1495-1503 (2006)

183. Book Review: PROGRESS IN FORENSIC GENETICS 10, C. Doutremepuich, N. Morling, eds. In: Forens. Sci. Internat. (2006)

184. CLONAL COMPOSITION OF STAPHYLOCOCCUS AUREUS ISOLATES AT A BRAZILIAN UNIVERSITY HOSPITAL: IDENTIFICATION OF INTERNATIONAL CIRCULATING LINEAGES. A.M. Vivoni,. B.A. Diep, A.C. deGouveia Magalhaes, K.R.N. Santos, L.W. Riley, G.F. Sensabaugh, and B.M. Moreira. J. Clin. Microbiol. 44: 1686-1691 (2006)

185. COMPLETE GENOME SEQUENCE OF USA300, AN EPIDEMIC CLONE OF COMMUNITY_ACQUIRED METICILLIN_RESISTANT STAPHYLOCOCCUS AUREUS. B.A. Diep, S.R. Gill, R.F. Chang, T.H. Phan, J.H. Chen, M.G. Davidson, F. Lin, J. Lin, H.A. Carleton, E.F. Mongodin, G.F. Sensabaugh, and F. Perdreau_Remington. Lancet367: 731-739 (2006)

186. DNA TYPING. D.H. Kaye and G.F. Sensabaugh. Revised and updated from #164b. In: Modern Scientific Evidence: the Law and Science of Expert Testimony, 2006-2007 Ed. DL Faigman, DH Kaye, MJ Saks, J Sanders, eds. West Pub. Co., St. Paul, MN. (2006).

187. DIVERSITY OF COMMUNITY_ASSOCIATED STRAINS OF METHICILLIN_RESISTANT STAPHYLOCOCCUS AUREUS IN HAWAII _ REPLY TO SEIFRIED ET AL. B.A. Diep, G.F. Sensabaugh, F. Perdreau_Remington. J. Infect. Dis. 195: 305_307 (2007)

188. EVALUATION OF MICROBIAL COMMUNITY PROFILING FOR THE FORENSIC UTILIZATION OF SOIL EVIDENCE: A PILOT STUDY. G. Llinas, G.F. Sensabaugh. The CACNews - 1st Quarter 2008, pp.26-29.

189. EMERGENCE OF MULTIDRUG RESISTANT, COMMUNITY ASSOCIATED, METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS CLONE USA3000 IN MEN WHO HAVE SEX WITH MEN. B.A. Diep, HF Chambers, CJ Graber .....G.F. Sensabaugh, F. Perdreau_Remington. Ann. Internal Med.148: 249-257 (2008)

190. THE ARGININE CATABOLIC MOBILE ELEMENT AND STAPHYLOCOCCAL CHROMOSOMAL CASSETTE MEC LINKAGE: CONVERGENCE OF VIRULENCE AND RESISTANCE IN THE USA300 CLONE OF METHICILLIN_RESISTANT STAPHYLOCOCCUS AUREUS. B.A Diep, G.G. Stone, L. Basuino, C.J Graber, A. Miller, S-A des Etages, A. Jones, A.M Palazzolo-Ballance, F. Perdreau-Remington, G.F Sensabaugh, F.R DeLeo, H.F. Chambers. J. Infect. Dis. 197: 1523-1530 (2008)

191. MICROBIAL COMMUNITY PROFILING FOR THE CHARACTERIZATION OF SOIL EVIDENCE: FORENSIC CONSIDERATIONS. G.F. Sensabaugh. In: Criminal and Environmental Soil Forensics, K. Ritz, L. Dawson, D. Miller, eds. Chap.4, pp.49-60 Springer, 2009.

192. GENETIC DIVERSITY OF ARGININE CATABOLIC MOBILE ELEMENT IN STAPHYLOCOCCUS EPIDERMIDIS M. Miragaia, H. de Lencastre, F. Perdreau_Remington, H. F. Chambers, J. Higashi, P. M. Sullam, J. Lin, K. I. Wong, K. A. King, M. Otto, G. F. Sensabaugh, B. A. Diep. PLoS ONE 4: e7722, 2009.

193. REFERENCE GUIDE ON DNA IDENTIFICATION EVIDENCE. D.H. Kaye and G.F. Sensabaugh. In: Reference Manual on Scientific Evidence, 3rd Ed. pp. 129-210. Federal Judicial Center (2011)

194. NUCLEOTIDE AND PHYLOGENETIC ANALYSES OF THE CHLAMYDIA TRACHOMATIS OMPA GENE INDICATES IT IS A HOTSPOT FOR MUTATION. B.W. Brunelle and G.F. Sensabaugh. BMC Research Notes 5:53 (2012)

195. HOSPITAL WET MOUNT EXAMINATION FOR THE PRESENCE OF SPERM IN SEXUAL ASSAULT CASES IS OF QUESTIONABLE VALUE. S. Cavness, A. Choudhury, and G.F. Sensabaugh. J. Forensic Sciences. 59(3): 729-734 (2014)

196. FORENSIC SEROLOGY – OVERVIEW. G.F. Sensabaugh. In: Encyclopedia of Forensic and Legal Medicine, 2nd Ed. J. Payne-James and R. Byard, eds. Elsevier (2015)

197. THE LAST HALF A CENTURY OF CRIMINALISTICS IN NORTH AMERICA – TECHNOLOGY ASCENDANT, SCIENCE IN DECLINE. P. De Forest, D. Lucas, G. Sensabaugh, J. Thornton, J. Peterson, and P. Buzzini. In: Champod C, Correvon D, Delémont O, Ribaux O (eds.). La science forensique: le futur d'une discipline. En l'honneur du Professeur Pierre Margot à l'occasion de son 65ème anniversaire. Presses polytechniques et universitaires romandes. Lausanne, Switzerland (2015). pp. 69-84.