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Degrees

B.A.   Carleton College, 1963, with major in Mathematics and Distinction on the Comprehensive Examination.

Ph.D. in Statistics—University of California, Berkeley, 1967.

D. Sci (hon.). Carleton College, 2005.

Professional Experience

1967-79:   Department of Statistics, University of Wisconsin, Madison; Assistant Professor, 1967-71; Associate Professor, 1971-75; Professor, 1975-79.

1969 Summer: Statistical Consultant, Bell Telephone Laboratories, Holmdel, New Jersey.

1972-73:   Visiting Associate Professor of Statistics, University of Chicago.

1976-77:   Guggenheim Fellow; Visiting Professor, University of Chicago, January-June 1977.

1978-79:   Fellow at the Center for Advanced Study in the Behavioral Sciences, Stanford, California.

1979-2020:   Professor of Statistics, University of Chicago; Chairman, 1986-92, 2005-10. Faculty appointments in the Department of Statistics, the

Social Sciences Collegiate Division, the Physical Sciences Collegiate Division, and the Committee on Conceptual and Historical Studies of Science (Co-Chair, 2002-03).

1992-2020: Ernest DeWitt Burton Distinguished Service Professor, University of Chicago.

2020– : Ernest DeWitt Burton Distinguished Service Professor Emeritus, University of Chicago.

1979-82: Editor, Journal of the American Statistical Association: Theory and Methods.

1982-87: Member, Board of Directors of the Social Science Research Council (Treasurer 1983-84, Secretary 1984-1986, Executive Committee 1986-87).

1986-92, 1993-99, 2000–06: Member, Board of Trustees of the Center for Advanced Study in the Behavioral Sciences (Chairman of the Board, 1995-99, 2002-05).

1991-95: Member, Committee for the Study of Research-Doctorate Programs in the United States, National Research Council.

1993, April; 1999, December: Visiting Scholar, Ecole des Hautes Etudes en Sciences Sociales, Paris.

1993-94: President, Institute of Mathematical Statistics.

1994-95: Member, Committee on the Forensic Use of DNA, National Research Council.

1995-99: Member, Council, American Academy of Arts and Sciences.

1998–2018: Member, Board of Trustees of JSTOR/ITHAKA.

2003-2005: President, International Statistical Institute (Member, Council, 1999-2001, 2005-2007).

2013-2021: Associate Editor, Annual Review of Statistics and its Application.

2019-2021: Faculty Director UC Professional Masters in Analytics Program

Published Research

Books

1. *American Contributions to Mathematical Statistics in the Nineteenth Century* (Editor). Two Volumes, Arno Press, New York, 1980.
2. *The History of Statistics: The Measurement of Uncertainty before 1900*. The Belknap Press of the Harvard University Press, Cambridge, Massachusetts, 1986. [Korean translation (by Jae Keun Jo) 2005, Hangilsa Publishing Co., Ltd.; Arabic translation 2015]
3. *Statistics on the Table*: *The History of Statistical Concepts and Methods*. Harvard University Press, Cambridge, Massachusetts, 1999. [All India Publishers & Distributors, New Delhi, 2010; Simplified Chinese translation, 2014, Zhejiang Gongshang University Press]
4. *R. R. Bahadur's Lectures on the Theory of Estimation* (Editor, with Wing Hung Wong and Daming Xu). Institute for Mathematical Statistics, Beachwood, Ohio, 2002.
5. *The Seven Pillars of Statistical Wisdom.* Harvard University Press, Cambridge, Massachusetts, March 2016. [Japanese translation, 2017, Pan Rolling; Korean translation, 2016, FREELEC; Spanish translation, 2017, Grano de Sal, Mexico; Chinese translation, 2018, iTuring.cn.]
6. *Casanova's Lottery: The History of a Revolutionary Game of Chance*. University of Chicago Press, 2022.

Articles
1. "Linear Functions of Order Statistics." *Annals of Mathematical Statistics*, June 1969, Vol. 40, pp. 770-788.
2. "The Use of Random Allocation for the Control of Selection Bias." Biometrika, December 1969, Vol. 56, pp. 553-560.
3. "Statistical Properties of the Buddy System." (By P. W. Purdom, Jr. and S. M. Stigler) Journal of the Association for Computing Machinery, October, 1970, Vol. 17, pp. 683-697.
4. "Estimating the Age of a Galton-Watson Branching Process." Biometrika, December, 1970, Vol. 57, pp. 505-512.
5. "Optimal Experimental Design for Polynomial Regression." Journal of the American Statistical Association, June, 1971, Vol. 66, pp. 311-318.
6. "The Estimation of the Probability of Extinction and Other Parameters Associated with Branching Processes." Biometrika, December, 1971, Vol. 58, pp. 499-508.
7. "Statistical Investigation of Three Storage Allocation Algorithms." (By P. W. Purdom, Jr., S. M. Stigler, and T. O. Cheam) BIT (Nordisk Tidskrift for Informations Behandling, Bind 11, Hefte Nr. 2, 1971, pp. 187-195.

8. "Cloud Seeding Experiments: Possible Bias." Science, Vol. 173, p. 850 (August 27, 1971).

9. "Completeness and Unbiased Estimation." The American Statistician, April 1972, Vol. 26, No. 2, pp. 28-30.

10. "The Asymptotic Distribution of the Trimmed Mean." Annals of Statistics, May 1973, Vol. 1, pp. 472-477.

11. "Simon Newcomb, Percy Daniell, and the History of Robust Estimation, 1885-1920." Journal of the American Statistical Association, December 1973. Invited Paper, Vol. 68, pp. 872-879. [Reprinted in Book 1., and in Studies in the History of Statistics and Probability, Vol. 2. Edited by M. G. Kendall and R. L. Plackett, 1977, pp. 410-417.]

12. "Laplace, Fisher, and the Discovery of the Concept of Sufficiency." Biometrika, December 1973, Vol. 60, pp. 439-445. [Reprinted in Studies in the History of Statistics and Probability, Vol. 2. Edited by M. G. Kendall and R. L. Plackett, 1977, pp. 271-277.]

13. "Linear Functions of Order Statistics with Smooth Weight Functions." Annals of Statistics, July 1974, Vol. 2, pp. 676-693. (Correction note, March 1979, Vol. 7, p. 466.)

14. "Cauchy and the Witch of Agnesi: An Historical Note on the Cauchy Distribution." Biometrika, August 1974, Vol. 61, pp. 375-380. [Revised in Statistics on the Table]

15. "Gergonne's 1815 Paper on the Design and Analysis of Polynomial Regression Experiments." Historia Mathematica, November 1974, Vol. 1, pp. 431-447.

16. "Napoleonic Statistics: The Work of Laplace." Biometrika, August 1975, Vol. 62, pp. 503-517.

17. "The Transition from Point to Distribution Estimation." Proceedings of the 40th session of the ISI, Warsaw, September 1975. In Bulletin of the International Statistical Institute, Vol. 46, Book 2, pp. 332-340.

18. "The Anonymous Professor Gergonne." Historia Mathematica, February 1976, Vol. 3, pp. 71-74.

19. "Laplace" (in part); "Peirce" (in part). In International Encyclopedia of Statistics. Ed. W. Kruskal and J. Tanur. New York: The Free Press, 1978.

20. "The Effect of Sample Heterogeneity on Linear Functions of Order Statistics, with Applications to Robust Estimation." Journal of the American Statistical Association, December 1976, Vol. 71, pp. 956-960.

21. "Do Robust Estimators Work with Real Data?" Annals of Statistics, (with discussion) November 1977, Vol. 5, pp. 1055-1098.

22. "Fractional Order Statistics, with Applications." Journal of the American Statistical Association, September 1977, Vol. 72, pp. 544-550.

23. "An Attack on Gauss, Published by Legendre in 1820." Historia Mathematica, March 1977, Vol. 4, pp. 31-35.

24. "Statistics." Article in International Encyclopedia of Higher Education, Ed. Asa S. Knowles. Jossey-Bass, San Francisco, 1977, Vol. 8, pp. 3950-3952.

25. "Eight Centuries of Sampling Inspection: The Trial of the Pyx." Journal of the American Statistical Association, September 1977, Vol. 72, pp. 493-500. [Revised in Statistics on the Table]

26. "Mathematical Statistics in the Early States." Annals of Statistics, March 1978, Vol. 6, pp. 239-265. [Reprinted in 1980 in Book 1 and in A Century of Mathematics in America, Part III, Ed. by Peter Duren, American Mathematical Society, Providence, RI, 1989, pp. 537-564.]

27. "Some Forgotten Work on Memory." Journal of Experimental Psychology: Human Learning and Memory, 1978, Vol. 4, pp. 1-4.

28. "Laplace's Early Work: Chronology and Citations." Isis, June 1978, Vol. 69, pp. 234-254.

29. "Francis Ysidro Edgeworth, Statistician," (with discussion). Journal of the Royal Statistical Society, Series A, 1978, Vol. 141, pp. 287-322. Reprinted 1992 (without discussion) in Alfred Marshall (1842-1924) and Francis Edgeworth (1845-1926), Edited by Mark Blaug, No. 29 in Series Pioneers of Economics, Elgar Reference Collection, Aldershot. [Revised in Statistics on the Table]

30. "Psychological Functions and Regression Effect." Science, Vol. 206, p. 1430 (December 21, 1979).

31. "Stigler's Law of Eponymy." In Science and Social Structure: A Festschrift for Robert K. Merton, Transactions N. Y. Acad. Sci. Series, 2, Vol. 39, 1980, pp. 147-157. [Revised in Statistics on the Table]

32. "An Edgeworth Curiosum." Annals of Statistics, July 1980, Vol. 8, pp. 931-934.

33. "R. H. Smith, A. Victorian Interested in Robustness." Biometrika, April 1980, Vol. 67, pp. 217-221.

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35. "Regression Toward the Mean and the Study of Change," (with J. Nesselroade and P. Baltes). Psychological Bulletin, 1980, Vol. 88, Nov., pp. 622-637.

36. "Gauss and the Invention of Least Squares." Annals of Statistics, May 1981, Vol. 9, pp. 465-474. [Revised in Statistics on the Table]

37. "A Modest Proposal: A New Standard for the Normal." American Statistician, May 1982, Vol. 36, No. 2, pp. 137-138.

38. "Poisson on the Poisson Distribution." Statistics and Probability Letters, Vol. 1, 1982, p. 33-35.

39. "Winter Temperature as a Constraint to the Migration of Preindustrial Peoples," (with John W. M. Whiting and John A. Sodergren). American Anthropologist, June 1982, Vol. 84, pp. 279-298.

40. "Thomas Bayes's Bayesian Inference." Journal of the Royal Statistical Society, Series A, 1982, Vol. 145, pp. 250-258.

41. "Jevons as Statistician." Manchester School, December, 1982, Vol. 50, pp. 354-65. [Revised in Statistics on the Table]

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43. "Mass Extinctions in the Fossil Record: Reply," (with D. M. Raup and J. J. Sepkoski, Jr.). Science, March 11, 1983 (Vol. 219, pp. 1240-1241).

44. "Who Discovered Bayes's Theorem?" American Statistician, Nov. 1983, Vol. 37, No. 4, pp. 290-296. [Revised in Statistics on the Table]

45. "The Measurement of Uncertainty in Nineteenth-Century Social Science." In Probability Since 1800: Interdisciplinary Studies of Scientific Development (ed. by M. Heidelberger, L. Krüger, R. Rheinwald). Universitat Bielefeld, Bielefeld, 1983, pp. 131-138. Revised in The Probabilistic Revolution, Vol. 1 (Ed. by L. Krüger, L. J. Daston, M. Heidelberger), M.I.T. Press, Cambridge, Mass. 1987, pp. 287-292.

46. "Kruskal's Proof of the Joint Distribution of $\bar{x}$ and s2." American Statistician, May 1984, Vol. 38, No. 2, pp. 134-135.

47. "Boscovich, Simpson, and a 1760 Manuscript Note on Fitting a Linear Relation." Biometrika, December 1984, Vol. 71, pp. 615-620.

48. "The Kelvin Dictum and Social Science: An Excursion into the History of an Idea," (with Robert K. Merton and David L. Sills). Journal of the History of the Behavioral Sciences, October 1984, Vol. 20, pp. 319-331.

49. "Statistical Inference, Robustness, and Modeling Strategy: Introduction." In The Collected Works of George E. P. Box (Ed. by G. C. Tiao), Belmont: Wadsworth. (1984) Vol. I, pp. 3-6.

50. "The Probability of History." International Statistical Institute, 45th Session, Amsterdam 1985, Contributed Papers, Book 2, pp. 333-334.

51. "Laplace's 1774 Memoir on Inverse Probability." Statistical Science, August 1986, Vol. 1, pp. 359-378.

52. "John Craig and the Probability of History: From the Death of Christ to the Birth of Laplace." Journal of the American Statistical Association, December 1986, Vol. 81, pp. 879-887. [Revised in Statistics on the Table]

53. "Estimating Serial Correlation by Visual Inspection of Diagnostic Plots." American Statistician, May 1986, Vol. 40, No. 2, pp. 111-116.

54. "Precise Measurement in the Face of Error: A Comment on MacRoberts and MacRoberts." Social Studies of Science, May 1987, Vol. 17, pp. 332-334.

55. "Testing Hypotheses or Fitting Models? Another Look at Mass Extinctions." In Neutral Models in Biology. (Edited by M. Nitecki and A. Hoffman), New York: Oxford University Press (1987), pp. 147-159.

56. "The Science of Uncertainty," The 404th Convocation Address at The University of Chicago. The University of Chicago Record, 15 October 1987, Vol. 22, No. 1, pp. 4-5.

57. "The Dark Ages of Probability: The Seventeenth Century Work of Richard Cumberland and Thomas Strode." International Statistical Review, April 1988, Vol. 56, pp. 75-88. [Revised in Statistics on the Table]

58. "A Substantial Bias in Nonparametric Tests for Periodicity in Geophysical Data," (with Melissa J. Wagner). Science, 13 November 1987, Vol. 238, pp. 940-945.

59. "Edgeworth as a Statistician." In The New Palgrave: A Dictionary of Economics, Edited by J. Eatwell, M. Milgate, P. Newman (London: Macmillan; 1987), Vol. 2, pp. 98-99. [Reprinted in Time Series and Statistics, Edited by J. Eatwell, M. Milgate, P. Newman (London: Macmillan, 1990), pp. 69-72.]

60. "A Look Backward on the Occasion of the Centenary of JASA." Journal of the American Statistical Association, September 1988, Vol. 83 pp. 583-587.

61. "Testing for Periodicity of Extinction: Response," (with Melissa J. Wagner). Science, 1 July 1988, Vol. 241, pp. 96-99.

62. "Francis Galton's Account of the Invention of Correlation." Statistical Science, May 1989, Vol. 4, pp. 73-86.

63. "The Role of Probability Models in Statistical Inference in 19th Century Europe," Proceedings of the 47th session of the ISI, Paris, August 1989. Published as Bulletin of the International Statistical Institute, Vol. 53, Book 1, pp. 157-162.

64. "A Galtonian Perspective on Shrinkage Estimators." Statistical Science, February 1990, Vol. 5, pp. 147-155.

65. "Stochastic Simulation in the Nineteenth Century." Statistical Science, February 1991, Vol. 6, pp. 89-97. [Revised in Statistics on the Table]

66. [Published as #117]

67. "Apollo Mathematicus: A Story of Resistance to Quantification in the Seventeenth Century." Proceedings of the American Philosophical Society, March 1992, Vol. 136, No. 1, pp. 93-126. [Revised in Statistics on the Table]

68. "A Historical View of Statistical Concepts in Psychology and Educational Research." American Journal of Education, Nov. 1992, Vol. 101, pp. 60-70. [Revised in Statistics on the Table]

69. "Karl Pearson and Quasi-Independence." Biometrika, 1992, Vol. 79, pp. 563-575. [Revised in Statistics on the Table]

70. "Erastus Lyman DeForest." Pp. 337-339 in Vol. 6 of American National Biography, ed. John A. Garraty and Mark C. Carnes, New York: Oxford University Press, 1999.

71. "Jevons on the King-Davenant Law of Demand: A Simple Resolution of a Historical Puzzle." History of Political Economy, Vol. 26, No. 2, Summer 1994, pp. 185-191. [Revised in Statistics on the Table]

72. "Citation Patterns in the Journals of Statistics and Probability." Statistical Science Vol. 9, No. 1, Feb. 1994, pp. 94-108.

73. "Competition and the Research Universities." Daedalus, Fall 1993, Vol. 122, No. 4, pp. 157-177. Reprinted in The Research University in a Time of Discontent, Edited by Jonathan R. Cole, Elinor G. Barber, and Stephen R. Graubard, Johns Hopkins Univ. Press, 1994.

74. "Ten Books on Probability & Statistics Every Statistician Should Own." Stats, Fall 1993, No. 10, p. 19.

75. "Some Correspondence on Methodology Between Milton Friedman and Edwin B. Wilson; November-December 1946." Journal of Economic Literature, Vol. 32 (Sept. 1994), pp. 1197-1203.

76. "W. Edwards Deming: 1900-1993." The Institute of Mathematical Statistics Bulletin, Vol. 23, No. 1, January/February 1994, pp. 6-7.

77. "The Journals of Economics," (with G. J. Stigler and C. Friedland). Journal of Political Economy, Vol. 103, No. 2, April 1995, pp. 331-359. Reprinted in Publishing Economics: Analyses of the Academic Journal Market in Economics, Edited by Joshua S. Gans, Cheltenham, UK: Edward Elgar, 2000, pp. 197-227.

78. "Daniel Bernoulli, Leonhard Euler, and Maximum Likelihood." In Festschrift for Lucien LeCam (D. Pollard, E. Torgersen, G. Yang, Eds.) New York: Springer-Verlag, 1997, pp. 345-367. [Revised in Statistics on the Table]

79. "Normative Terminology: "Normal" in Statistics and Elsewhere," (with W. H. Kruskal). Chapter 5 (pp. 85-111) in Statistics and Public Policy (Bruce Spencer, Ed.), Oxford: Oxford University Press, 1997. [Revised in Statistics on the Table]

80. "The Bernoullis of Basel." Journal of Econometrics, Vol. 75, No. 1 (Nov. 1996), pp. 7-13.

81. "Edwin Bidwell Wilson." Encyclopedia of Statistical Science (S. Kotz, C. B. Read, D. L. Banks, Eds.), Update Volume 1, pp. 545-546. New York: Wiley (1997). [Reprinted in Leading Personalities in Statistical Sciences, From the Seventeenth Century to the Present, (Edited by Norman L. Johnson and Samuel Kotz), John Wiley, New York, 1997, pp. 344-346.]

82. "Churchill Eisenhart, 11 March 1910-25 June 1994." ISIS, 86:3 (1995), pp. 455-456.

83. "Statistics and the Question of Standards." Journal of Research of the National Institute of Standards and Technology Vol. 101, No. 6, Nov.-Dec. 1996, pp. 779-789. [Revised in Statistics on the Table]

84. "Galton and Identification by Fingerprints." Genetics, July 1995, 140:857-860. [Revised in Statistics on the Table]

85. "Robert Adrain (1775-1843)." Oxford Dictionary of National Biography. Oxford University Press, 2004.

86. "Jerzy Neyman." Pp. 368-370 in Vol. 16 of American National Biography, ed. John A. Garraty and Mark C. Carnes, New York: Oxford University Press, 1999.

87. "Chandra and Isaac Newton." In S. Chandrasekhar; the Man Behind the Legend, Edited by K. C. Wali, Imperial College Press, London, 1997, pp. 195-200.

88. "Rating, not ranking." Proceedings of the National Academy of Science, Aug. 20, 1996, Vol. 93, No. 17, pp. 8818-8819.

89. "The History of Statistics in 1933." Statistical Science, August 1996, Vol. 11, pp. 244-252. [Revised in Statistics on the Table]

90. "Regression towards the Mean, Historically Considered." Statistical Methods in Medical Research 6:103-114 (1997). [Revised in Statistics on the Table]

91. "Adolphe Quetelet: Statistician, Scientist, Builder of Intellectual Institutions". In Actualité et universalité de la pensée scientifique d'Adolphe Quetelet, Actes du Colloque organisé à l'occasion du bicentenaire de sa naissance, Palais des Académies, 24-25 octobre 1996. Mémoire de la Classe des Sciences de l'Académie royale de Belgique 3e série, 8: 47-61. [Revised in Statistics on the Table]

92. "Raghu Raj Bahadur, 1924-1997." The Institute of Mathematical Statistics Bulletin, Vol. 26, 1997.

93. "The Foundations of Statistics at Stanford." American Statistician, August, 1999, Vol. 53, pp. 263-266.

94. "International Statistics at the Millennium: Progressing or Regressing?" Proceedings of the 52nd session of the ISI, Helsinki, August 1999. Published as Bulletin of the International Statistical Institute, Book 1, pp. 11-13. Revised and expanded in International Statistical Review (2000) 68: 111-121. Reprinted in Russian translation in Statistics of Ukraine 2000, No. 4 (11), pp. 11-15.

95. "Ancillary History." In Mathisca C.M. de Gunst, Chris A.J. Klaassen, Aad W. van der Vaart, (eds.), State of the Art in Probability and Statistics; Festschrift for Willem R. van Zwet, Institute of Mathematical Statistics, Lecture Notes--Monograph Series, Vol. 36, 2001, pp. 555-567.

96. "The Problematic Unity of Biometrics." Biometrics, September 2000, Vol. 56, pp. 653-658. [See also "Reply to comment", Vol. 57, p. 643, 2001]

97. "P. S. Laplace, Théorie Analytique des Probabilités, First Edition (1812); Essai philosophique sur les probabilités, First Edition (1814). Chapter 24, pp. 329-340, in Landmark Writings in Western Mathematics, 1640-1940 (I. Grattan-Guinness, Editor), Amsterdam: Elsevier, 2005.

98. "The Missing Early History of Contingency Tables." Annales de la Faculté des Sciences de Toulouse, Séries 6, Volume XI (2002), pp. 563-573.

99. "Statisticians and the History of Economics." Journal of the History of Economic Thought, Vol. 24, pp. 155-164, June 2002

100. "RR Bahadur." Article for Encyclopedia of Statistical Sciences, 2nd Edition.

101. "George J. Stigler (1911-1991): A Remembrance and Appreciation Session, Stigler as Father and Mentor". American Journal of Economics and Sociology, July 2002, Vol. 61, pp. 611-617.

102. "W. Edwards Deming." (with Stephen E. Fienberg). In Statisticians of the Centuries, (Ed by C. C. Heyde and E. Seneta), pp. 485-489, New York: Springer-Verlag, 2001.

103. "Casanova, 'Bonaparte', and the Loterie de France." Journal de la Société Française de Statistique, 2003, Vol. 144, pp. 5-34.

104. "Mathematical Statistics and the ISI (1885-1939)." Proceedings of the 54th session of the ISI, Berlin, August 2003.

105. Comment on Thomas Bayes (September 10, 1701-April 7, 1761). Statistical Science, Volume 19, No. 1, pp. 39-40 (2004). [Estimating Bayes's birthdate.]

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113. "Does the American Statistical Association Have a Future?" Amstat News, August 2004 (Issue #326), pp 2-3. Reprinted in RSS News, Vol. 32, No. 4, Dec. 2004, pp. 8-9.

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3. Review of *Lectures in Probability Theory and Mathematical Statistics*, by S. Zubrzycki, *Journal of the American Statistical Association* (December 1973), Vol. 68, p. 1030.
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5. Contribution to Discussion of "Experience with Forecasting Univariate Time Series and the Combination of Forecasts," by P. Newbold and C. W. J. Granger, *Journal of the Royal Statistical Society*, *Series A*, Vol. 137, Part 2, 1974, pp. 157-158.
6. Contribution to Discussion of "On Re-reading R. A. Fisher," by L. J. Savage, *Annals of Statistics*, May 1976, Vol. 4, pp. 498-500.
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11.   Review of *Storia del Metodo Statistico*, by Angiolo Maros Dell'Oro. *Journal of the American Statistical Association*, March 1978, Vol. 73, p. 230.

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50. "President's Report 1993-1994." *The Institute of Mathematical Statistics Bulletin*, September/October 1994, Vol. 23, No. 5, pp. 537-541.

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60. Review of *Cardano's Cosmos. The Worlds and Works of a Renaissance Astrologer*, by Anthony Grafton, *Short Book Reviews*, 2001, Vol. 21, No. 1, p. 11.

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68. Discussion contribution to "William Sealy Gosset", by Sandy Zabell. *JASA* (March 2008) Vol. 103, pp. 7-8.

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70. Introduction to "R. A. Fisher in the 21st Century," in *The Science of Bradley Efron, Selected Papers*, Ed. by Carl N. Morris and Robert Tibshirani, New York: Springer (2008), p. 344.

71. "CSI: Mendel". Review of *Ending the Mendel-Fisher Controversy*, by Allan Franklin, A. W. F. Edwards, D. J. Fairbanks, D. L. Hartl, and Teddy Seidenfeld. *American Scientist* Vol. 96, No. 5 (Sept-Oct 2008), pp. 425-426.

72. "Bayesian Inference: The Rodney Dangerfield of Statistics?", Discussion contribution to "Bayes is not used" by Andrew Gelman and Christian Robert, *The American Statistician*, February 2013, Vol. 67, No. 1, pp. 6-7.

73. "Stephen Fienberg: Cause or Effect? Node or Edge? A Comparative Study". *Chance* 26.4: page 15, 2013.

74. Discussion contribution to "Statistical Modelling of Citation Exchange Between Statistics Journals" by Cristiano Varin, Manuela Cattelan and David Firth, JRSSA 2016, Vol. 179, Part 1, p. 57.

75. "The bells, the bells." Letter to *Significance* October 2015, Vol. 12, Issue 5, p. 46.

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77. Discussion contribution to "Beyond Subjective and Objective in Statistics" by Andrew Gelman and Christian Hennig, JRSSA 2017, Vol 180, Part 1, p. 54.

78. Obituary: David L. Wallace, 1928-2017. (with Robert E. Kass). IMS Bulletin Vol. 47, Issue 3, p.11.

79. Remarks 8 November 2017 at meeting "George Stigler in the 21st Century" at the Booth School. https://research.chicagobooth.edu/-/media/research/stigler/pdfs/gj-stigler---steve-stigler-speech.pdf?la=en&hash=95CAF11D3A9A58031E471790C1B732402670F46E

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82. Review of *Victorians & Numbers: Statistics and Society in Nineteenth Century Britain*. By Lawrence Goldman, Oxford University Press. *J. of Interdisciplinary History*, Vol. 54, No. 1, summer 2023, pp. 124-127.

83. Stephen Elliot Fienberg, an Obituary. pp. 445-447 in *Statistics in the Public Interest: In Memory of Stephen E. Fienberg.* Ed. by A. L. Carriquiry, J. M. Tanur, W. F. Eddy. Springer 2022. Reprinted from *The Annals of Applied Statistics* July 2018

PH.D. STUDENTS SUPERVISED

Alan Agresti—Thesis: "Bounds on the Extinction Time Distribution of a Branching Process."(1972).

William Davis—Thesis: "Some Robust Inference Techniques in Time Series."(1974).

Hermann Habermann—Thesis: "Estimation of Transition Matrices with Application to Empirical Bayes Methodology." (1975).

Lee-Jen Wei—Thesis: "The Design of Sequential Experiments." (1975).

Annick Dion—Thesis: "The Rate of Convergence to Normality of Trimmed Means." (1978).

Robert Kass—Thesis: "The Riemannian Structure of Model Spaces; A Geometrical Approach to Inference." (1980).

Xiaojing Xiang—Thesis: "Asymptotic Theory for Linear Functions of Ordered Observations." (1992).

Sangun Park—Thesis: "Fisher Information in Order Statistics." (1994).

Berna Eden—Thesis: "The One and the Many of Frequentism." (1997).

Debra Daugherty—Thesis: "Elaborating The Crystal Concept: Scientific Modeling and Ordered States of Matter." (2007) (with Leo Kadanoff)

Shirley Martin—Thesis: "Grounding Tools that Travel: Ideology, Research Style, and Imagined Community in the Circulation of Inferential Statistics, 1918-1966." (2012) (with Robert Richards)

Daniele Macuglia—Thesis: "Calculus and Newtonianism in Italy, 1689-1742: People, Ideas, Institutions. (2016) (with Robert Richards and Nico Bertoloni Meli).

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES

Académie Royale de Belgique, Classe des Sciences
American Academy of Arts and Sciences
American Association for the Advancement of Science
American Philosophical Society
American Statistical Association
Bernoulli Society
History of Science Society
Institute of Mathematical Statistics
International Statistical Institute
Phi Beta Kappa
Royal Statistical Society
Statistical Society of Canada

AWARDS, HONORS

Standard Oil Award for Excellence in Teaching, 1971
Fellow of the American Academy of Arts and Sciences, elected 1987
Fellow of the Institute of Mathematical Statistics, elected 1976
Fellow of the American Statistical Association, elected 1976
Guggenheim Fellowship, 1976-77
Fellow of the American Association for the Advancement of Science, elected 1981
Fellow at the Center for Advanced Study in the Behavioral Sciences, 1978-79
Outstanding Statistician of the Year, Chicago Chapter of the A.S.A., 1993
Quantrell Award for Excellence in Undergraduate Teaching, 1998

Distinguished Achievement Award, Carleton College Alumni Association, 2003

Doctor of Science (Hon.), Carleton College, 2005

Humboldt Foundation Research Award, 2005

Member of the American Philosophical Society, elected 2006

Membre Associé of the Académie royale de Belgique, Classe des Sciences, elected 2010

The Herman Callaert Leadership Award in Biostatistics Education and Dissemination, 2023, from the Center for Statistics, Universiteit, Belgium, and the Interuniversity Institute for Biostatistics and Statistical Bioinformatics, Universiteit Hasselt and KU Leuven, Belgium

SPECIAL INVITED LECTURES

Special Invited Paper, Annual Meeting of the Institute of Mathematical Statistics, New Haven, Connecticut, August 1976.

The S. S. Wilks Lecture, Princeton University, March 1977.

Royal Statistical Society, March 1978.

The Allen Craig Lecture, University of Iowa, April 1986.

The Robert Ferber Lecture, University of Illinois, May 1986.

The 13th Fisher Memorial Lecture (biennial, jointly sponsored by the Royal Society of London, the Royal Statistical Society, the Biometric Society, and the Genetical Society), given at University College London, September 1986.

The 404th Convocation Address at the University of Chicago, March 1987.

The Jerzy Neyman Memorial Lecture, Annual Meeting of the Institute of Mathematical Statistics, Fort Collins, Colorado, August 1988.

The Churchill Eisenhart Memorial Lecture, National Institute of Standards and Technology, May 1995.

The IMS Presidential Address, Annual Meeting of the Institute of Mathematical Statistics, Chicago, August 1996.

President's Invited Address, ISI Session at Helsinki, 13 August 1999.

The Presidential Invited Address at the Annual Meeting of the Eastern North American Region of the International Biometric Society, Chicago, March 21, 2000.

Plenary Lecture, the History of Economics Society, Wake Forest NC, June 29, 2001.

Plenary Lecture, Journées de Statistique (annual meeting of the Societé Francaise de Statistique), Brussels, Belgium, May 13, 2002.

President's Invited Address, Statistical Society of Canada, Hamilton, Ontario, Canada, May 27, 2002.

The 2003 Nora and Edward Ryerson Lecture, University of Chicago, March 6, 2003.

The Morris H. DeGroot Memorial Lecture, Carnegie Mellon University, September 12, 2003.

The Mitchell Lecture, University of Glasgow, April 28, 2004.

The Presidential Invited Anniversary Address at the International Biometric Conference, Montreal, July 18, 2006.

The Lucien LeCam Lecture, Annual Meeting of the Institute of Mathematical Statistics, Rio de Janeiro, August 2, 2006.

The Hermann Otto Hirschfeld Lectures, Berlin, October 9-10, 2006.

Invited Lecture, Swiss Statistical Society, Lucerne, November 16, 2007.

The Keynote Address, Annual Meeting of the Society for Judgment and Decision Making, Chicago, November 15, 2008.

The Donald H. Clanton Lectures, Furman University, March 26, 2009.

The Campion Lecture, Annual Conference of the Royal Statistical Society, Edinburgh, September 10, 2009.

The Herbert A. David Lecture, Iowa State University, March 22, 2010.

The Chemerda Lectures, Pennsylvania State University, April 26-27, 2010.

50th Anniversary of Department Lectures: Stanford, 1998; Harvard, 2007, Wisconsin, 2010.

Keynote Address, ICORS Prague, June 28, 2010.

The World Statistics Day Lecture, ISI Calcutta, October 20, 2010.

The Inaugural Karl Pearson Lecture, University College London, January 18, 2011.

The Bernard Flury Memorial Lecture, Indiana University, March 10, 2011.

The Dresden Lectures, Swarthmore College, November 2 and 3, 2011.

Keynote Lecture, Bernoulli-Basel 300, October 15, 2013.

Keynote Lecture, Bayes 250 Day, Duke University, December 17, 2013.

ASA President's Invited Lecture, JSM Boston, August 4, 2014.

Invited Lecture, Luxembourg Statistical Society, September 13, 2016.

The Inaugural Stephen E. Fienberg Lecture, Carnegie Mellon University, October 15, 2016

Harald Bohr Lecture, University of Copenhagen, November 1, 2016.

Mahalanobis 125th Anniversary ISI Delhi & Kolkata, December 8 & 11, 2017.

Invited Lectures to the Center for Statistics, Universiteit, Belgium, and the Interuniversity Institute for Biostatistics and Statistical Bioinformatics, Universiteit Hasselt and KU Leuven, Belgium, May 23 and 26, 2023.