

Curriculum Vitae

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Personal Data

July 24, 1924, New York, New York

Education

B.S. Oberlin College; Physics, Mathematics; 1941-45
Brown University Intersession Program in Applied Mathematics; 1945
M.A. Princeton University; Mathematical (Mathematical Logic); 1945-47
Ph.D. Princeton University; Mathematics (Statistics); 1951 Statistics

Professional Career

1948-49 Assistant Professor of Mathematics, Lehigh University

1949-51 Research Secretary, Philadelphia Tuberculosis and Health Association (part-time)

1951-52 Research Associate, Analytical Research Group, Forrester Research Center, Princeton University

1952-57 Department of Biostatistics, School of Hygiene and Public Health, The Johns Hopkins University
1952-53 Research Associate
1953-55 Assistant Professor
1955-57 Associate

1957-92 Department of Statistics & Division of Biological Sciences, University of Chicago
1957-62 Associate Professor
1962-92 Professor of Statistics
1960-66 Chairman of Statistics
1968-74 Professor of Theoretical Biology
1970-71 Acting Chairman of Statistics
1973-74 Chairman of Statistics
1974-75 Professor Pharmacological and Physiological (Sciences)

- 1975–92 Ralph and Mary Otis Isham (1984–92 Distinguished Service) Professor
 1983–86 Chairman, Department of Statistics
 1985–92 Professor of Medicine
- 1966–67 National Institutes of Health Special Fellow at the University of London School of Hygiene and Tropical Medicine, and Imperial College (on leave from the University of Chicago).
- 1975–76 Visiting Professor, Department of Statistics and Center for the Analysis of Health Practices, Harvard School of Public Health (on Leave from the University of Chicago).
- 1982–83 Fellow, Center for Advanced Study in the Behavioral Sciences, Stanford, California (on leave from the University of Chicago).
- 1987 Visiting Professor of Statistics, Hebrew University, Jerusalem. (Jan–Mar, on leave from The University of Chicago).
- 1991–92 Visiting Professor of Statistics, Columbia University, New York
 1992–2000 Columbia University Howard Levene Professor of Statistics
 1992–1999 Chairman, Department of Statistics, Columbia University, New York
- 1992–99 Professor of Biostatistics, Head, Division of Biostatistics, Columbia University, New York

Professional Memberships

- 1950– American Statistical Association Fellow; Board of Directors
 1965–67 Vice President
 1967 Committee on Computers in Statistics
 1974 Chairman, Section on Training Biometric Society, Executive Committee
- 1952– Biometric Society, ENAR
 1967 President of ENAR
- 1952– Institute of Mathematical Statistics (Fellows)
- 1979 Chairman, Committee on Fellows
 1985–86 President
- Royal Statistical Society (Fellow)
 American Association for the Advancement of Science (Fellow)
 American Public Health Association (Fellow)
 American Thoracic Society, Fellow
 American Heart Association (Fellow)
 Council on Epidemiology
 Association for Symbolic Logic
 Society for Industrial and Applied Mathematics
 Mathematical Association of America, Life Member
- 1978 Society for Clinical Trials (Committee on Fellows)
 1979–81 Board of Directors
 1986–87 President

Consultant Activities and Special Appointments

- 1955 Consultant on Statistical Problems in the Pharmaceutical Industry.
- 1959 Consultant on Sampling and Other Statistical Problems in Transportation.
- 1959–62 Member, Committee on Lung Cancer, American Cancer Society.
- 1960–66 Consultant, The RAND Corporation.
- 1965–70 Member, Special Study Section, Biomathematics and Statistics, National Institute of General Medical Sciences, National Institutes of Health.
- 1967–71 Member, Therapeutic Evaluation Committee, National Heart Institute, National Institutes of Health.
- 1968 Member, Diet-Heart Feasibility Study Review Committee, National Heart Institute, National Institutes of Health.
- 1970 Member, National Academy of Sciences Committee on Biological Effects of Atmospheric Pollution.
- 1971–73 Member, Advisory Board, Environmental Health Resource Center, State of Illinois Institute of Environmental Quality.
- 1972–74 Member, Task Force on Health Considerations of a National Energy Policy, American Public Health Association.
- 1973–75 Member, Biometric Society Committee on the Assessment of Biometric Aspects of Controlled Trials of Hypoglycemic Agents
- 1973–76 Member, American Statistical Association Advisory Committee to the Statistical Policy Division, Office of Management and Budget.
- 1973–78 Member, Advisory Board of Veterans Administration Cooperative Study of the Pathogenic Effects of the Sickle Cell Trait.
- 1974–75 Member, Panel of Airborne Particles and Panel on SO_x, Assembly of Life Sciences, National Research Council.
- 1974–76 Member, Advisory Council for the Department of Statistics at Princeton University.
- 1974–76 Sigma Xi Lecturer in Statistics.
- 1974–77 Visiting Lecturer in Statistics, Institute of Mathematical Statistics.
- 1974–77 Member, Computer and Biomathematical Sciences Study Section, National Institutes of Health.
- 1974–78 Member, Steering Committee, Study of the Incidence and Natural History of Genital Tract Anomalies and Cancer in Offspring Exposed In Utero to Synthetic Estrogens (DESAD Project), a Cooperative Study sponsored by the National Cancer Institute.

- 1975–81 Director, Data Quality Control Center for the Persantine-Aspirin Reinfarction Study (PARIS).
- 1976 Member, Ad Hoc Committee on Mild Hypertension, National Institutes of Health.
- 1976 Member, Policy Advisory Board, Multiple Risk Factor Intervention Trial (MRFIT).
- 1976–77 Member, Committee on Epidemiology and Veterans Follow-Up Study, National Research Council.
- 1977–81 Member, Operations Committee, V.A. Heart Valve Replacement Study.
- 1978–85 Member, Policy and Data Monitoring Board, Multicenter Investigation for Limitation of Infarct Size (MILIS).
- 1978–86 Member, Editorial Board, Journal of Surgical Research.
- 1978–84 Member, Policy Advisory Board, V. A. Collaborative Studies in Coronary Artery Surgery (CASS).
- 1978–81 Member, Committee on National Statistics.
- 1978–84 Member, Clinical Trials Review Committee, National Heart, Lung, and Blood Institute, National Institutes of Health.
- 1979–85 Director, Data Audit Center for the International Mexiletine and Placebo Antiarrhythmic Coronary Trial (IMPACT).
- 1979–83 Member, Data Monitoring Committee, National Cooperative Dialysis Study, NIAMDD, National Institutes of Health.
- 1980 Consultant on Primary Prevention of Hypertension Study.
- 1980–96 Member, Data Monitoring Committee, Program on the Surgical Control of the Hyperlipidemias (POSCH).
- 1980–85 Director, Data Audit Center, Persantine-Aspirin Reinfarction Study, Part II (PARIS II).
- 1981–84 Consultant, Illinois Cancer Council.
- 1982–83 Member, Panel on Statistical Assessments as Evidence in the Courts, National Academy of Sciences.
- 1983–87 Member, Advisory Committee on Studies of Vitamin Prophylaxis for Neural Tube Defect, Centers for Disease Control.
- 1984–89 Health Effects Institute—Health Review Committee
- 1984–88 Member, Data Monitoring Committee for HIB Type B Vaccine Trial, National Institutes of Health.

- 1985–87 Member, Epidemiology Study Section, National Institutes of Health.
- 1986–88 Member, Policy Group for Liver Transplant Database Project (LTD), NIKDD.
- 1987 Member, Statistics Section Awards Committee, American Public Health Association.
- 1989–92 Member, Antiviral Drugs Advisory Committee, FDA.
- 1989–92 Chairperson, Division of Research Grants Advisory Committee, NIH.
- 1992 Associate Editor, *Clinical Trials & Meta-Analysis*. (Formerly *Clinical Trials Journal*)
- 1996 Lecture in Honor of Christian R. Klimt.

Honors

- 1945 Phi Beta Kappa
- 1946 Sigma Xi
- 1980 Fellow, American Academy of Arts and Sciences.
- 1982 Fellow, John Simon Guggenheim Memorial Foundation.
- 1982–83 Fellow, Center for Advanced Study in the Behavioral Sciences.
- 1986 Statistician of the Year Award, Chicago Chapter of the American Statistical Association.
- 1986 Statistics Section Recognition Award, American Public Health Association.
- 1992 Elected to Senior membership in the Institute of Medicine, National Academy of Sciences.
- 1994–95 Northwestern University, Visiting Advisory Committee on Statistics.
- 1994–95 Queens University (Kingston, Ontario), Special Lecturer.
- 1994–96 FDA (Food and Drug Administration) Special Advisory Committee.

Grants

1. CABG–Patch Trial (Columbia: T. Bigger et al. and P. Meier, \$46,750)
2. Toxoplasmosis Research Institute, (Michael Reese Hospital, Chicago, IL) (R. McLeod et al. and P. Meier)
3. REMATCH Trial (Columbia: G. Rose et al. and P. Meier)

Publications

1. "Timing of the distribution of events between observations. A contribution to the theory of follow-up studies" (with T. E. Harris and J. W. Tukey), *Human Biology*, **22**: 249–270, (1950).

2. "Tuberculosis among Diabetics (with others), *Amer. Rev. of Tuberculosis*, **65**: 1–50, (1952).
3. "Effects of simultaneous skin tests on size of tuberculin reactions" (with others), *Amer. Rev. of Tuberculosis*, **65**: 201–205, (1952).
4. "Variance of a weighted man," *Biometrics*, **9**: 59–73, (1953).
5. "On the theory of the indicator–dilution method for measurement of blood flow and volume" (with K. L. Zierler), *J. Appl. Physiology*, **6**: 731–744, (1954).
6. "Analysis of simple lattice designs with unequal sets of replications," *J. Amer. Statist. Assoc.*, **49**: 786–813, (1954).
7. "Note on estimation in a Markov process with constant transition rates," *Human Biology*, **27**: 121–124, (1955).
8. "Vitamin B12 serum concentration in 528 apparently healthy human subjects of ages 12–94" (with others), *J. Gerontology*, **12**: 32–38, (1957).
9. "Analysis of a bubble method for estimation of PC₀₂ and PC₂ in whole blood" (with R.H. Shepard), *J. Appl. Physiology*, **11**: 250–259, (1957).
10. "Safety testing of a poliomyelitis vaccine," *Science*, **125**: 1067–1071, (1957).
11. "Absorption of vitamin B₁₂ enhanced by D–sorbitol" (with others), *Amer. J. Clin. Nutrition*, **6**: 30–33, (1957).
12. "Reconsideration of methodology in studies of pain relief" (with others), *Biometrics*, **14**: 330–342, (1958),
13. "Nonparametric estimation from incomplete observations" (with E. L. Kaplan), *J. Amer. Statist. Assoc.*, **53**: 457–481, (1958).
14. "Variability of critical flicker fusion thresholds in brain-injured children" (with others), *A.M.A. Arch. Neural. Psychol.*, **80**: 682–688, (1958).
15. "Appendix A of Secret Detention by the Chicago Police (with W. H. Kruskal) Glencoe: *The Free Press*, 35–41, (1959).
16. "Further consideration of methodology in studies of pain relief" (with S. M. Free), *Biometrics*, **17**: 576–583, (1961).
17. "Fluorospectrophotometric analysis of cervical epithelial cells" (with G. L. Wied, A. M. Messina, and R. R. Blough), *Acta Cytologica*, **8**: 61–67, (1964).
18. "An electronic data processing program for cytologic screening projects for uterine carcinoma" (with G. L. Wied and L. M. Clark), *Acta Cytologica*, **8**: 385–397, (1964).
19. "Fluorospectrophotometric analyses of endometrial and endocervical epithelial cells" (with G. L. Wied, A. M. Messina, J. I. Mangano, and R. R. Blough), *Acta Cytologica*, **8**: 408–415, (1964).
20. "DNA–assessments on fuelgen stained endometrial cells and comparison with fluorometric values" (with G. L. Wied, A. M. Messina, and E. Rosenthal), *J. Lab. Investigation*, **14**: 1494–1499, (1965).

21. "Statistical evaluation of the effect of hormonal contraceptives on the cytological smear pattern" (with G. L. Wied, M. E. Davis, R. Frank, P. B. Segal, and E. Rosenthal), *Obstet. and Gynecol.*, **27**: 327–334, (1966).
22. "Analysis of morbidity and mortality of children irradiated in fetal life" (with M. L. Griem and G. D. Dobben), *Radiology*, **88**: 347–349, (1967).
23. "Analysis of morbidity and mortality in children irradiated in fetal life" (with M. L. Griem, G. D. Dobben and D. J. Mewissen), *Radiation Biology of the Fetal and Juvenile Mammal, AEC Symposium Series*, **17**: 651–660, (1969).
24. "Mass field trial of the diet–heart question" (with members of the Diet–Heart Review Panel of the National Heart Institute), *American Heart Association Monograph*, **28**: 1–51, (1969).
25. On Use of Oral Contraceptives, before the Subcommittee on Monopoly (Nelson Committee), Senate Select Committee on Small Business, (24 February 1970).
26. "Hazards in oral contraception: the case for further tests," *Midway*, 87–95 (1970).
27. "The biggest public health experiment ever: The 1954 field trial of the Salk poliomyelitis vaccine," in *Statistics A guide to the Unknown*, F. Mosteller et al., eds. Holden-Day, 2–13, (1972).
28. "Air pollution and pulmonary cancer" (with B. Carnow), *Arch. Environ. Health*, **27**: 207–218, (1973).
29. "Effects of low-dose prenatal irradiation in humans: Analysis of Chicago Lying–In data and comparison with other studies" with B. E. Oppenheim and M. L. Griem), *Radiation Research*, **57**: 508–544, (1974).
30. "Report of the Committee for the Assessment of Biometric Aspects of Controlled Trials of Hypoglycemic Agents" (with U. P. Gilbert, C. L. Rumke, R. Saracci, M. Zelen, and C. White, Chmn.), *J. Amer. Med. Assoc.*, **231**: 583–608, (1975).
31. "Ascorbic acid and the common cold" (with M. H. M. Dykes), *J. Amer. Med. Assoc.* **231**: 1073–1079, (1975).
32. "The effects of diagnostic X–ray exposure on the human fetus: An examination of the evidence" (with B. E. Oppenheim and M. L. Griem), *Radiology*, **114**: 529–534, (1975).
33. "Statistics and medical experimentation," *Biometrics*, **31**: 511–529, (1975).
34. "Estimation of a distribution function from incomplete observations," *Perspectives in Probability and Statistics (Papers in Honour of M. S. Bartlett)* (1975).
35. "Antigen expression of mouse spleen X thymocyte heterokaryons" (with D. C. Allison, M. Majeune, and E. P. Cohen), *Cell*, **6**: 521–527, (1975).
36. "Results of treatments of mammary cancer at the University of Chicago, 1960–1969" (with D. Ferguson), *Surg. Clin. N. Amer.*, **56**: 103–109, (1976).
37. "Life–tables analysis and regression techniques: A priori and a posteriori subgroups formation," *Essays controls multicentres, INSERM*, **76**: 171–177, (1977).
38. "Therapeutic and preventive trials and community medicine," in *Hypertension: Determinants*,

- Complications, and Intervention*, G. Onesti and C. R. Klimt, eds., Grune & Stratton, Inc., 437–442, (1979).
39. "Terminating a trial—the ethical problem," *Clin. Pharm. Therap.*, **25**: 633–640, (1979).
 40. "Benjamin Peirce and the Howland Will" (with S. Zabell), *J. Amer. Statist. Assoc.*, **75**: 497–506, (1980).
 41. "Persantine-Aspirin Reinfarction Study: Design, Methods, and Baseline Results" (Persantine-Aspirin Reinfarction Study Research Group), *Circulation*, (Part II) **62**, No.3, (AHA Monograph No. 71) (1980).
 42. "Proceedings of the workshop on platelet-active drugs in the secondary prevention of cardiovascular events" (Participant). E. Braunwald, et al., eds., *Circulation*, (Part II) **62**, No. 6 (ASA Monograph No. 74), (1980).
 43. "Estrogen replacement therapy" (with R. L. Landau), Editorial *J. Amer. Med. Assoc.*, **243**: 1658, (1980).
 44. "Competitive effects of verapamil and calcium ion as regulators of myocardial enzyme leakage" (with L. Cohen, Z. Gilula, B. Lazon, and D. Herbstman), *J. Cardiovasc. Pharm.*, **3**: 581–597, (1981).
 45. "Stratification in the design of a clinical trial", *Contr. Clin. Trials*, **1**: 355–361, (1981).
 46. "Jerome Cornfield and the methodology of clinical trials," *Contr. Clin. Trials*, **1**: (339–345), (1981).
 47. "Statistical analysis of clinical trials," in *Clinical Trials: Issues and Approaches*, S. Shapiro and T. Louis, eds., John Wiley: New York. Chapter 7 (1981).
 48. "Current research in statistical methodology for clinical trials," *Biometrics*, **38**: 141–150, (1982).
 49. "Vitamins to prevent neural tube defects," letter in *The Lancet*, **859**, (1982).
 50. "Comment on estimating historical heights," *J. Amer. Statist. Assoc.*, Applications Section, **77**, No. 378: 296–297, (June 1982).
 51. "A statistical analysis of the loss of muscle strength in Duchenne's muscular dystrophy" (with L. Cohen, J. Morgan, R. Babbs, Z. Gilula, and T. Karrison), *Research Communications in Chemical Pathology and Pharmacology*, **37**, No. 1, 123–138 (July 1982).
 52. "Staging of breast cancer and survival rates: an assessment based on 50 years of experience with radical mastectomy" (with D. J. Ferguson, T. Karrison, P. J. Dawson, F. H. Straus, and F. E. Lowenstein), *Journal of the American Medical Association*, **248**: 1337–1341, (1982).
 53. "William G. Cochran and Public Health," in *W. G. Cochran's Impact on Statistics*, Poduri S. R. S. Rao, Sedransk, Joseph, ed., 7381, John Wiley: New York (1984).
 54. "Commentary," in *Statistics in Medicine*, **3**: 473–475, John Wiley: New York (1984).
 55. "What happened in Hazelwood: Statistics, Employment Discrimination, and the 80% Rule (with J. Sacks, and S. L. Zabell), *American Bar Foundation Research Journal*, (1984, Winter), 139–186.

56. "Anatomy and interpretation of the Cox Regression Model," *Jour. A.S.A.I.O.*, **8**, 1, (January/March 1985) 3–12.
57. "A controlled trial of extended radical mastectomy" (with D. J. Ferguson, and T. Karrison), *Cancer*, **55**, 880–891, (1985).
58. "Damned liars and expert witnesses," *J. Amer. Statist. Assoc.* **81**, 394: 269–276, (1986).
59. "Scientific and ethical foundations of medical innovations," chapter in *Medical Innovations and Bad Outcomes*, Siegler, M., S. Toulmin, Zimring, F., eds. University of Michigan/Health Administration Press, Ann Arbor, Michigan, (1986).
60. "The probability of reversal in contested elections" (with Dennis C. Gilliland), in *Statistics and the Law*, M. DeGroot, S. Fienberg, J. Kadane, eds. John Wiley & Sons, Inc., (1986).
61. "Persantine–aspirin reinfarction study. Part II secondary coronary prevention with persantine and aspirin" (with C. R. Klimt, G. L. Knatterud, J. Stamler, FACC), *J. Am Coll. Cardiol.*, **7**: 251–269, (1986).
62. Discussion of papers on control of bias in meta-analysis (Chalmers et al.) in NHLBI workshop "Methodologic Issues in Overview of Randomized Clinical Trials." *Statistics in Medicine*, **6**: 329–331, (1987).
63. T"Low 0⁶–alkylguanine DNA alkyltransferase activity in the peripheral blood lymphocytes of patients with therapy–related acute nonlymphocytic leukemia" (with D. Sagher, T. Karrison, J. L., Schwartz, R. Larson and B. Strauss), *Cancer Research*, **48**: 3084–3089, (1988).
64. "Randomized trial of intravenous streptokinase, oral aspirin, both, or neither among 17,187 cases of suspected acute myocardial infarction: ISIS–2, ISIS–2 Collaborative Group", *The Lancet*, **13**: 349–360, (1988).
65. "Rating intervals: an experiment in peer review" (with J. G. Green, F. Calhoun, L. Nierzwicki, and J. Brackett), *News*, **3**: 1987–1992, (1989).
66. "Choosing covariates in the analysis of clinical trials" (with M. L. Beach), *Contr. Clin. Trials*, **10**: 161S–175S, (1989).
67. "Polio trial: An early efficient clinical trial," *Statistics in Medicine*, **9**: 13–16, (1990).
68. Review of "Deadly deceit: Low–level radiation, high–level cover–up," by Jay M. Gould and Benjamin A. Goldman. *The Bulletin of the Atomic Scientists*, **46**, No.7: 40–41, (1990).
69. "Phenotypes and functions of lymphocytes in congenital toxoplasmosis," by Rima McLeod, Douglas G. Mack, Kenneth Boyer, Marilyn Mets, Nancy Roizen, Charles Swisher, Dushyant Patel, Enrique Beckmann, Dolores Vitullo, Daniel Johnson, and Paul Meier. *J. Lab. Clin. Med.* 623–635, (1990).
70. "The experimental evaluation of relative risk," *Chance*, **3**, No. 4: 28–32, (1990).
71. McGee, T. Wolters, C., Stein, L., Kraus, N., Johnson, D., Boyer, K., Mets, M., Roizen, N., Beckman, J., Meier, P., Swisher, C., Holfels, E., Withers, S., and McLeod, R., "Absence of sensorineural hearing loss in treated infants and children with congenital toxoplasmosis." *Otolaryngol. Head and Neck Surg.*, **106**: 75, (1992).
72. McAuley, J., Boyer, K., Patel, D., Mets, M., Swisher, C., Roizen, N., Wolters, C., Stein, L., Stein,

- M., Schey, W., Remington, J., Meier, P., Johnson, D., Heydeman, P., Holfels, E., Withers, S., Mack, D., Brown, C., Patton, D. and McLeod, R., "Early and longitudinal evaluations of treated infants and children and untreated historical patients with congenital toxoplasmosis: The Chicago Collaborative Treatment Trial." *Clinical Infectious Diseases*, **18**: 38–72, (1994).
73. Patel, D., Boyer, K., Vogel, N., Roizen, N., Mets, M., Swisher, C., Stein, L., Stein, M., Schey, W., Remington, J. S., Meier, P., Heydeman, P., Hopkins, J., Holfels, E., Withers, S., Mack, D., Brown, C., Patton, D., and McLeod, R. "Resolution of intracerebral calcifications in children with treated congenital toxoplasmosis." *Pediatr. Res.*, (1994).
 74. Patel, D., Boyer, K., Vogel, N., Roizen, N., Mets, M., Swisher, C., Stein, L., Stein, M., Schey, W., Remington, J. S., Meier, P., Heydeman, P., Hopkins, J., Holfels, E., Withers, S., Mack, D., Brown, C., Patton, D., and McLeod, R. "Resolution of intracerebral calcifications in children with treated congenital toxoplasmosis." *Developmental Pediatrics Meeting*, (1994).
 75. Roizen, N., Swisher, C., Boyer, K., Patel, D., Stein, M., Schey, W., Meier, P., Mets, M., Remington, J. S., and McLeod, R. "Developmental and neurologic outcome in treated congenital toxoplasmosis." *Pediatrics*, **95**: 11–20, (1995).
 76. Comment on "Compliance as an Explanatory Variable in Clinical Trials," by Efron and Feldman. *Journal of the American Statistical Association*, **86**, 413: 19–21, (1995).
 77. Mets, M. B., Holfels, E., Boyer, K., Swisher, C., Roizen, N., Stein, L., Stein, M., Hopkins, J., Withers, S., Mack, D., Luciano, R., Patel, D., Remington, J. S., Meier, P., and McLeod, R. "Eye manifestations of congenital toxoplasmosis." *The American Journal of Ophthalmology*, **122**: 309–324, (1996).
 78. Patel, D. V., Holfels, E. M., Vogel, N. P., Boyer, K. M., Mets, M. B., Swisher, C. N., Roizen, N. J. M., Stein, L. K., Stein, M. A., Hopkins, J., Withers, S. E., Mack, D. G., Luciano, R. A., Meier, P., Remington, J. S., McLeod, R. L. "Resolution of intracranial calcifications in infants with treated congenital toxoplasmosis." *Radiology*, 433–440, (1996).
 79. Gershon, A., LaRussa, P., Steinberg, S., Mervish, N., Lo, Shaw-Hwa, and Meier, P. "The protective effect immunologic boosting against zoster: An analysis in Leukemic children who are vaccinated against chickenpox." *The Journal of Infectious Diseases*, **173**: 450–453, (1996).
 80. Karrison, T. G., Ferguson, D. J. and Meier, P. "Dormancy of mammary carcinoma after mastectomy." *Journal of the National Cancer Institute*, **91**: 80–85, (1999).
 81. Rose, Eric A., Moskowitz, Alan J., Packer, Milton, Sollano, Josephine A., Williams, Deborah L., Tierney, Anita R., Heitjan, Daniel F., Meier, Paul, Ascheim, Deborah Davis, Levitan, Ronald G., Weinberg, Alan D., Stevenson, Lynn Warner, Shapiro, Peter A., Lazar, Ronald M., Watson, John, Goldstein, Daniel, and Gelijns, Annetine C. for REMATCH investigators. "The REMATCH Trial: Rational, design and endpoints." *Annals of Thoracic Surgery*, **67**: 723–730, (1999).
 82. McLeod R., Boyer, K., Roizen, N., Stein L., Swisher, C., Holfels, E., Hopkins, J., Mack, D., Karrison, T., Patel D., Pfiffner, L., Remington. J. S, Withers, S., Meyers, S., Mets, M., Rabiah, P., and Meier, P. "The child with congenital toxoplasmosis." *Current Topics in Clinical Infectious Diseases*. Invited. Remington, J. S. and Swartz, M. (eds). In press, (1999).
 83. Myhre, J., McAuley, J., Johnson, V., Meier, P., Brown, C., Mack, D., Eisenhauer, P, Holfels, E., Remington, J. S., McLeod, R. Seroprevalence of *T. gondii* infection in Chicago women of child bearing age. Submitted *Amer. J. Epidemiol.*, (1999).

Reports and Documents:

1. "Man as the experimental animal." Sigma Xi Lecture, (1975).
2. "Maximum Likelihood and the Cox Regression Model." Invited Address given at the Royal Statistical Society Conference at the University of Oxford, 2–6 April (1979).
3. "The effect of diameter or zones of inhibition in the analysis of spatial patterns" (with Z. Gilula and T. Karrison), Technical Report No. 116, Department of Statistics, University of Chicago, July (1980).
4. "The effect of packing density and boundaries in the analysis of spatial patterns" (with M. Schneider and T. Karrison), Technical Report No. 124, Department of Statistics, University of Chicago, December (1980).
5. "On the edge (boundary) effect on the nearest neighbor distribution" (with Z. Gilula and T. Karrison), Technical Report No: 125, Department of Statistics, University of Chicago, January (1981).
6. "The problem of nonidentifiability in a competing risk model."
7. "Task Force on Distributed Computing. Final Report." (Paul Meier, chairman, et al.), February 24, (1984).

In Preparation:

1. "Medical Statistics—A text for medical students, at an intermediate level. In preparation.
2. Statistics and the Law (with S. Zabell)—A text for law students, at an intermediate level. In preparation.
3. Statistics in the Natural Sciences—A text for upper level physical science undergraduates, dealing largely with Least Squares and Maximum Likelihood. In preparation.