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Date of Birth: September 4, 1954
Place of Birth: New York, New York

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Bloomberg School of Public Health
The Johns Hopkins University
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CURRENT POSITION

1990-Present
Professor
Department of Biostatistics
Joint Appointment in Department of Epidemiology
Bloomberg School of Public Health
The Johns Hopkins University
Baltimore, Maryland

PAST POSITIONS

2008-2009
Visiting Professor
Woodrow Wilson School of Public and International Affairs
Princeton University
Princeton, New Jersey

2002-2008
Chair and Director of the Master of Public Health Program
Bloomberg School of Public Health
The Johns Hopkins University
Baltimore, Maryland

1985-1990
Associate Professor, Department of Biostatistics
Joint Appointments in Department of Epidemiology
Bloomberg School of Public Health
The Johns Hopkins University
Baltimore, Maryland

1986
Visiting Biostatistician
Biostatistics Branch, National Cancer Institute

Bethesda, Maryland

1981-1985 Assistant Professor, Department of Biostatistics
School of Public Health, The Johns Hopkins University
Baltimore, Maryland

1980-1981 Lecturer, Department of Statistics
University of Wisconsin
Madison, Wisconsin

EDUCATION

1980 Ph.D., Statistics
University of Wisconsin
Madison, Wisconsin

1977 M.S., Statistics
University of Wisconsin
Madison, Wisconsin

1975 B.S., Mathematics (summa cum laude)
Cooper Union College
New York, New York

EDITORIAL ACTIVITIES

2005- Associate Editor, International Journal of Biostatistics

1997-2002 Associate Editor, Journal of the American Statistical Association

2001-2002 Statistical Consultant, Science

1998-2001 Associate Editor, Biostatistics

1986-1995 Editorial Board, Statistics in Medicine

1983-1985 Editorial Board, Controlled Clinical Trials

HONORS

2009 Ernest Lyman Stebbins Medal, Johns Hopkins Bloomberg School of Public Health, in recognition of outstanding contributions to the educational programs of the School

2009 Chair-Elect of the Section on Statistics in Epidemiology,
American Statistical Association

2009 Charles C. Shepard Science Award from the Centers for Disease
Control for outstanding publication in epidemiology

2007 Elected member of the Institute of Medicine of the National
Academy of Sciences

2007 Chair, Statistics Section (elected)
American Association for the Advancement of Science

2007 Recipient of Fellowship Offer
Center for Advanced Study in the Behavioral Sciences
Stanford University

2004 The Golden Apple Teaching Award, The Johns Hopkins
University, Bloomberg School of Public Health

1999 The Golden Apple Teaching Award, The Johns Hopkins
University, Bloomberg School of Public Health

1998 Wade Hampton Frost Society Lectureship
Johns Hopkins University

1997 Fellow, American Association for the Advancement of Science

1997 Myrto Lefkopoulou Distinguished Lectureship in Biostatistics
Harvard University

1996 Fellow, American Statistical Association

1996 Presidential Invited Address, Biometrics
Society ENAR Meeting, Richmond, Virginia

1992 Spiegelman Gold Medal awarded by the American Public Health
Association for contributions to health statistics

1992 Presidential Invited Address, Biometrics
Society WNAR Meeting, Corvallis, Oregon

1991 Delta Omega Public Health Honor Society

1985 The Golden Apple Teaching Award, The Johns Hopkins
University, Bloomberg School of Public Health

- 1983 & 1984 Marshal, Convocation of The Johns Hopkins University, School of Public Health, for excellence in teaching
- 1975 Summa cum laude, Cooper Union College
- 1974 Reddick Prize in Mathematics, Cooper Union College

PROFESSIONAL ACTIVITIES

- 2008- National Biosurveillance Advisory Committee to the Director of the Centers for Disease Control
- 2007 Chair, International Review Committee of AIDS Statistics, UNAIDS, Geneva
- 2007- Institute of Medicine Committee on Methodological Challenges in HIV Prevention Trials
- 2004-2007 Elected Member of International Biometrics Society Council
- 2005 Merck-Temple University lecture
- 2004 Keynote Address
U.S. Army Conference on Applied Statistics
- 2004 Invited Lecture at Schering-Plough Workshop
Harvard University
- 2003-2004 Anthrax Modeling Working Group for the Secretary's Council on Public Health Preparedness
Department of Health and Human Services
- 2002 Biometrics Society (ENAR) Student Awards Committee
- 2001-2002 External Advisory Committee
Mayo Clinic Alzheimer's Disease Patient Registry
Rochester, Minnesota
- 2001 Consultant to Center for Disease Control on Estimating HIV Incidence, Atlanta, Georgia
- 2001 Workshop on Estimating HIV Incidence
Centers for Disease Control, Atlanta, Georgia
- 2000 Visiting Biostatistician

Serum Statens Institute, Copenhagen, Denmark

2000 Planning Committee for Centers for Disease Control Meeting on Antiretroviral Therapy & AIDS Prevention

1999 Women and Infants HIV Transmission Study, Scientific Advisory Board, National Institutes of Health

1997-1998 Committee on Perinatal Transmission of HIV Institute of Medicine, National Academy of Sciences

1998 Co-organizer, Workshop on Quantitative Evaluation of HIV Prevention Programs, NIDA and SIMS, Geneva

1996-2000 Committee to Review the Social Security Administration's Disability Decision Process Institute of Medicine, National Academy of Sciences

1998 Workshop on Statistics and Epidemiology Guest Lecturer, Centre de Recherches Mathématiques University of Montreal

1998 American Statistical Association and National Center for Health Statistics Joint Fellowship Review Board

1994-1997 Advisory Group to the National Cancer Institute's Study of Electromagnetic Field Exposure and Childhood Acute Lymphocytic Leukemia

1996-1998 Committee of Presidents of Statistical Societies (COPSS) Award Committee

1996 Chair, David P. Byar Young Investigator Award Committee

1996 Organizer of Invited Paper Session AIDS in the 1990's International Biometrics Conference, Amsterdam

1995 Chair, Biometrics Section of The American Statistical Association

1994 Biometrics Society Liaison to the American Statistical Association

1993-1995 Panel on Needle Exchange Program, National Academy of Sciences

1993 Scientific Review Panel of the AIDS Clinical Trial Group National Institute of Allergy and Infectious Diseases

1993	Organizer/Chair of Invited Paper Session Statistical Problems in Infectious Diseases American Public Health Association, San Francisco
1990-1991	Clinical Research Subcommittee AIDS Research Advisory Committee National Institute of Allergy and Infectious Diseases
1990	Program Chair, Biometrics Society Meeting (ENAR)
1990	Visiting Fellow National Center for Epidemiology and Population Health, Australian National University Canberra, Australia
1990	Workshop and Keynote Speaker “Statistical Modeling of AIDS” 10 th Australian Statistical Conference, Sydney, Australia
1988-1991	Committee on National Statistics National Research Council and National Academy of Sciences
1988, 1989, 1991, 1994	Workshops on Modeling and Forecasting AIDS Centers for Disease Control, Atlanta, Georgia
1989-1992	Regional Committee of the Biometrics Society (elected)
1989	Organizer and Chair of Invited Paper Session Statistical Analysis of Infectious Disease Data Joint Statistical Meeting, Washington, D.C.
1986-1989	Regional Advisory Board of the Biometrics Society
1988	Panel on Statistical Issues in AIDS Research National Academy of Sciences, Washington, D.C.
1988	Expert Review Panel on HIV Seroprevalence and AIDS Projection Methodology, New York City Department of Health
1988	Organizer and Chair of Invited Paper Session Statistical Problems in Epidemiology Biometrics Society Meeting, Lexington, Kentucky
1987	Chairman, Organizing Committee, Conference on Statistical and Mathematical Modeling of the AIDS Epidemic The Johns Hopkins University and Alfred P. Sloan Foundation Baltimore, Maryland

1987	Workshop on Modeling and Spread of Infection with the Human Immunodeficiency Virus Institute of Medicine, Washington, D.C.
1987	Invited Lecturer Food and Drug Administration, Rockville, Maryland
1985, 1986	Subcommittee of the Scientific Advisory Board Environmental Protection Agency, Washington, D.C.
1985	Visiting Lecturer By Invitation of the Institute of Health National Center for Preventive Medicine Beijing, China
1983, 1984, 1985	Visiting Biostatistician International Agency for Research on Cancer Lyon, France
1985	National Cancer Institute – Site Visit Team
1984	Consultant, Environmental Protection Agency, Washington, D.C.
1983	National Institute of Neurological and Communicative Disorders Site Visit Team
1983	NIH Special Study Section-Biostatistics
1981 1979-1980	Consultant, Federal Aviation Administration, Washington, D.C. Research Assistant, Biostatistics Division Wisconsin Clinical Cancer Center, University of Wisconsin Madison, Wisconsin
1978-1979	Supervisor Statistician, AT&T, Bedminster, New Jersey
1977	Statistician, M.D. Anderson Hospital and Tumor Institute New Jersey
1975-1977	Teaching Assistant, Department of Mathematics and Statistics University of Wisconsin, Madison, Wisconsin

SELECTED GRANT AWARDS

2005-2007	Principal Investigator, Forecasting Alzheimer's Disease, Elan and Wyeth Pharmaceuticals
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- 2003-2005 Principal Investigator, Fogarty Center (NIH): “Intervention Strategies for Anthrax”
- 2002-2004 Principal Investigator, National Institute of Allergy and Infectious Diseases, “Statistical Methods for Anthrax”
- 1999-2002 Principal Investigator, National Institute of Child Health and Human Development, “Statistical Methods in AIDS”
- 1988-1998 Principal Investigator, National Cancer Institute Grant: “Statistical Methods in AIDS Research”
- 1984 Fellowship, International Agency for Research on Cancer, Lyon France

PUBLICATIONS

Books

- Brookmeyer R and Gail MH (1994). AIDS Epidemiology: A Quantitative Approach, Oxford University Press, 354 pages.
- Kaplan E and Brookmeyer R, eds. (2002). Quantitative Evaluation of HIV Prevention Programs, Yale University Press, 335 pages.
- Brookmeyer R and Stroup D, eds. (2004). Monitoring the Health of Populations: Statistical Methods for Public Health Surveillance, Oxford University Press, 370 pages.

Articles

- Brookmeyer R and Crowley J: “A Confidence Interval for the Median Survival Time,” Biometrics 38:29-41, 1982.
- Brookmeyer R and Crowley J: “A k-sample Median Test for Censored Data,” Journal of the American Statistical Association, 77:433-440, 1982
- Siliciano RF, Brookmeyer R and Shin HS: “The Diversity of T Cell Receptors Specific for Self MHC Gene Products,” Journal of Immunology, 130:1511-1520, 1983.
- Santos G, Tutschka PJ, Brookmeyer R, Saral R, Beschoner W, et al: “Marrow Transplantation for Acute Non-lymphocytic Leukemia Following Treatment with Busulfan and Cyclophosphamide,” New England Journal of Medicine, 309:1347-1353, 1983.

- Brookmeyer R: "Prediction Intervals for Survival Data," Statistics in Medicine, 2:485-495, 1983.
- Freeman RW, Bleecker ML, Comstock RW, Brookmeyer R: "Validation of Self Administered Questionnaire for Study of Peripheral Neuropathy," American Journal of Epidemiology 121:291-300,1985.
- Szeluga D, Stuart R, Brookmeyer R, Utermohlen V and Santos G: "Energy Requirements of Parenterally-fed Bone Marrow Transplant Recipients," Journal of Parenteral and Enteral Nutrition 9:139-143, 1985.
- Brookmeyer R, Day N, Pompe Kirn V: "Assessing the Impact of Additional Follow-up in Cohort Studies," American Journal of Epidemiology 121:611-619, 1985.
- Brookmeyer R and Self S: "Predicting the Effect of Additional Follow-up and Accrual with Survival Time Data," Biometrics 41:129-136, 1985
- Kaizer H, Stuart R, Brookmeyer R, Beschoner W, Braine H, et al: "Autologous Bone Marrow Transplantation in Acute Leukemia: A Phase I Study of In Vitro Treatment of Marrow with 4-Hydroperoxycyclophosphamide to Purge Tumor Cells," Blood 65(6):1504-1510, 1985.
- Achcar JA, Brookmeyer R, Hunter WG: "On the Use of Bayesian Methods for Medical Follow-up Data," Statistics in Medicine 4:509-520, 1985.
- Brookmeyer R, Day N, Moss S: "Case Control Studies for Estimation of the Natural History of Preclinical Disease from Screening Data", Statistics in Medicine 5:127-138, 1986.
- Chase, GA, Markson LE, Brookmeyer R, Folstein S: "Covariate-Dependent Genetic Counseling in Huntington's Disease," Journal of Neurogenetics 3:215-223, 1986.
- Linnet M, McCaffrey L, Humphrey R, Brookmeyer R, Van Natta M, Tielsch J et al: "Chronic Lymphocytic Leukemia and Acquired Disorders Affecting the Immune System: A Case-Control Study," Journal of the National Cancer Institute 77:371-378, 1986.
- Zeger S, Brookmeyer R: "Regression Analysis with Censored Autocorrelated Data," Journal of the American Statistical Association 81:722-729, 1986.
- Brookmeyer R, Liang KY, Linnet M: "Matched Case-Control Designs and Overmatched Analyses," American Journal of Epidemiology 124:693-701, 1986.
- Menkes M, Comstock G, Vuilleumier J, Helsing K, Rider A, Brookmeyer R: "Serum Beta-Carotene, Vitamins A and E, Selenium and Risk of Lung Cancer," New England Journal of Medicine, 315:1250-1254, 1986.

- Brookmeyer R, Gail MH: "The Minimum Size of the AIDS Epidemic in the United States," Lancet 2:1320-1322, 1986.
- Brookmeyer R: "Time and Latency Considerations in the Quantitative Assessment of Risk," Epidemiology and Health Risk Assessment, ed. Gordis, Oxford University Press, 178-188, 1987.
- Linnet M, Brookmeyer R: "Use of Cancer-Controls in Case-Control Cancer Studies," American Journal of Epidemiology 125:1-11, 1987.
- Polk BF, Fox R, Brookmeyer R, Kanchanaraksa S, Kaslow R, et al: "Case-Control Study of Incident Acquired Immunodeficiency Syndrome in a Cohort of Seropositive Gay Men," New England Journal of Medicine 316:61-66, 1987.
- Szeluga D, Stuart R, Brookmeyer R, Utermohlen V and Santos G: "Nutritional Support of Bone Marrow Transplant Recipients: A Prospective Randomized Clinical Trial," Cancer Research 47:3309-3316, 1987.
- Brookmeyer R, Gail MH, Polk BF: "The Prevalent Cohort Study and Acquired Immunodeficiency Syndrome," American Journal of Epidemiology 126:14-24, 1987.
- Brookmeyer R, Day N: "Two Stage Models for the Analysis of Cancer Screening Data," Biometrics 43:657-670, 1987.
- Fox R, Odaka N, Brookmeyer R, Polk BF: "Effect of HIV Antibody Disclosure on Subsequent Sexual Activity in Homosexual Men," AIDS 1:241-246, 1987.
- Stanford J, Hartge P, Brinton L, Hoover R, Brookmeyer R: "Factors Influencing the Age at Natural Menopause," Journal of Chronic Diseases 40:995-1002, 1987.
- Chmiel J, Detels R, Kaslow R, Van Radan M, Kingsley L, Brookmeyer R: "Factors Associated with Prevalent HIV Infection in the Multicenter AIDS Cohort Study," American Journal of Epidemiology, 126:568-577, 1987.
- Sears SD, Fox R, Brookmeyer R, Leavitt R, Polk BF: "Delayed Hypersensitivity and Anergy in a Population of Gay Men," Clinical Immunology and Immunopathology 45:177-183, 1987.
- Brookmeyer R, Gail MH: "Methods for Projecting the AIDS Epidemic," Lancet 2:11, 1987.
- Schober SE, Comstock G, Helsing K, Salkeld R, Morris J, Rider A, Brookmeyer R: "Serologic Precursors of Cancer: Prediagnostic Serum Nutrients and Colon Cancer Risk," American Journal of Epidemiology 126:1033-1041, 1987.
- Brookmeyer R, Gail MH: "Biases in Prevalent Cohorts," Biometrics 43:739-750, 1987.

- McLaughlin J and Brookmeyer R: "Epidemiology and Biostatistics," Handbook of Occupational Medicine, ed. McCunney RJ, Little Brown, pp 282-296, 1988.
- Kelen G, Fritz S, Qaqish B, Brookmeyer R, Baker R et al: "Unrecognized Human Immunodeficiency Virus Infection in General Emergency Patients," New England Journal of Medicine 318:1645-1650, 1988.
- Brookmeyer R, Gail MH: "A Methodology for Obtaining Short Term Projections and Lower Bounds on The Size of The AIDS Epidemic," Journal of the American Statistical Association 83:301-308, 1988.
- Brookmeyer R: "Statistical and Mathematical Modeling of the AIDS Epidemic," guest editor, Statistics in Medicine 8(1), 1989.
- Gail MH, Brookmeyer R: "Methods for Projecting the Course of the AIDS Epidemic," Journal of the National Cancer Institute 80:900-911, 1988.
- Brookmeyer R: contributor to "Monitoring the Epidemic" in AIDS: Sexual Behavior and Drug Abuse, eds. Turner C, Miller H, Moses LE, National Research Council, National Academy Press, 1989.
- Wacholder S, Gail MH, Pee D, Brookmeyer R: "Alternative Variance and Efficiency Calculations for the Case-Cohort Design," Biometrika 76:117-124, 1989.
- Huster WJ, Brookmeyer R, Self SG: "Modeling Paired Survival Data with Covariates," Biometrics 45:145-156, 1989.
- Brookmeyer R, Damiano A: "Statistical Methods for Short-Term Projections of AIDS Incidence," Statistics in Medicine 8:23-34, 1989.
- Brookmeyer R, Goedert JJ: "Censoring in an Epidemic with an Application to Hemophilia Associate AIDS," Biometrics 45:325-336, 1989.
- Markson L, Chase G, Brookmeyer R: "Simulation of Huntington's Disease Onset," Genetic Epidemiology 6:451-459, 1989.
- Linnet M, Van Natta M, Brookmeyer R, Khoury M, McCaffrey L, Humphrey R and Szklo M: "Familial Cancer History and Chronic Lymphocytic Leukemia: A Population Based Case-Control Study," American Journal of Epidemiology 130:655-664, 1989.
- Brookmeyer R: "On the Relation Between AIDS Cases and HIV Prevalence," (letter) New England Journal of Medicine 321:1547-1548, 1989.
- Klassen A, Celentano D, Brookmeyer R: "Variation in the Duration of Protection Given by Screening Using the Pap Test for Cervical Cancer," Journal of Clinical Epidemiology 42:1003-1011, 1989.

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- Stewart W, Brookmeyer R and Van Natta M: "Estimating Age Incidence from Survey Data with Adjustments for Recall Errors," Journal of Clinical Epidemiology 42:869-875, 1989.
- Brookmeyer R: "Statistical Problems in Epidemiologic Studies of the Natural History of Disease," Environmental Health Perspectives 87:43-49, 1990.
- Brookmeyer R, Liao J: "The Analysis of Delays in Disease Reporting," American Journal of Epidemiology 132:355-365, 1990.
- Brookmeyer R, Liao J: "Statistical Modeling of the AIDS Epidemic for Forecasting Health Care Needs," Biometrics 46:1151-1169, 1990.
- Brookmeyer R, Gail MH: "A Statistical History of the AIDS Epidemic," Chance 3:9-14, 1990.
- Gail MH, Brookmeyer R: "Projecting the Incidence of AIDS," (editorial) Journal of the American Medical Association 263:1538-1539, 1990.
- Brookmeyer R: Discussion of "Age-Specific Incidence and Prevalence: A Statistical Perspective" by N. Keiding. Journal of The Royal Statistical Society, (A)154:402, 1991.
- Brookmeyer R: "Reconstruction and Future Trends of the AIDS Epidemic in the United States," Science 253:37-42, 1991.
- Graham N, Sorensen D, Odaka N, Brookmeyer R, Chan D, et al: "Relationship of Serum Copper and Zinc Levels to HIV-1 Seropositivity and Progression to AIDS," Journal of the Acquired Immune Deficiency Syndrome 4:976-980, 1991.
- Upchurch D, Weisman C, Shepherd M, Brookmeyer R, Fox R, et al: "Inter-partner Reliability of Reporting of Recent Sexual Behaviors," American Journal of Epidemiology 134:1159-1166, 1991.
- Brookmeyer R: "Statistical Problems in Epidemiological Studies of the Natural History of Disease" in Accomplishments in Cancer Research: Honorary Conference for Sir David Cox, eds. Fortner J and Rhoads J, Lippincott, Philadelphia, 1992.
- Brookmeyer R, Liao J: "Statistical Methods for Reconstructing Infection Curves," Statistical Methodology for Study of The AIDS Epidemic Statistical Methodology for Study of The AIDS Epidemic, eds. Dietz K, Farewell V, Jewell N, Birkhauser-Boston, pp 39-60, 1992.

- Karon J, Buehler J, Byers R, et al and Brookmeyer R: “Projections of the Number of Persons Rediagnosed with AIDS and the Number of Immunosuppressed HIV Infected Persons – United States 1992-1994. Morbidity and Mortality Weekly Report, Centers for Disease Control and Prevention 41:RR-18, 1992.
- Law CC and Brookmeyer R: “Effects and Mid-point Imputation on the Analysis of Doubly Censored Data,” Statistics in Medicine 11:1569-1587, 1992.
- Wang MC, Brookmeyer R, Jewell NP: “Statistical Models for Prevalent Cohort Data,” Biometrics 49:1-11, 1993.
- Brookmeyer R: “Discussion of Backcalculation of HIV Infection Rates,” Statistical Science 8:102-104, 1993.
- Jager JC, Heisterkamp SH, Brookmeyer R: “AIDS Surveillance and Prediction of the HIV and AIDS Epidemic: Methodological Developments,” AIDS 7:Sup(1):567-571, 1993.
- Magder L and Brookmeyer R: “Analysis of Infectious Disease Data from Partner Studies with Unknown Source of Infection,” Biometrics 49:1110-1116, 1993.
- Nathanson N, McGann K, Wilesmith J, Desrosiers R, Brookmeyer R: “The Evolution of Virus Diseases: Their Emergence, Epidemicity and Control,” Virus Research 29:3-20, 1993.
- Vlahov D and Brookmeyer R: “Evaluation of Needle Exchange Programs,” American Journal of Public Health 84:1889-1896, 1994.
- Brookmeyer R, contributor to Preventing HIV Transmission: The Role of Sterile Needles and Bleach, Panel on Needle Exchange and Bleach Distribution Programs. National Research Council and the Institute of Medicine, eds. Normand J, Vlahov D, Moses L, National Academy Press, 1995.
- Brookmeyer R and Quinn T: “Estimation of Current HIV Incidence Rates from a Cross-Sectional Survey Using Early Diagnostic Tests,” American Journal of Epidemiology 141:166-172, 1995.
- Liao J and Brookmeyer R: “An Empirical Bayes Approach to Smoothing in Deconvolution with Application to AIDS,” Biometrics 51:579-588, 1995.
- Rodrigues J, Mehendale S, Shepherd M, Divekar A, Gangakhedkar R, Quinn T, Paranjape R, Kisbud A, Brookmeyer R, et al: “The Biological and Behavioral Risk Factors for Prevalent HIV Infection in Sexually Transmitted Disease Clinics in India,” British Medical Journal 311:282-286, 1995.
- Brookmeyer R: Invited Commentary on “A Short Method for Constructing an Unabridged Life Table,” American Journal of Epidemiology 141:991-992, 1995.

- Frank RG and Brookmeyer R: "Managed Mental Health Care and Patterns of Inpatient Utilization for Treatment of Active Disorders," Social and Psychiatric Epidemiology 30:220-223, 1995.
- Brookmeyer R and Yasui Y: "Statistical Analysis of Passive Surveillance Disease Registry Data," Biometrics 51:831-842, 1995.
- Brookmeyer R, Quinn T, Shepherd M, et al: "The AIDS Epidemic in India: A New Method for Estimating Current HIV Incidence Rates," American Journal of Epidemiology 142:709-713, 1995.
- Corrada M, Brookmeyer R, Kawas C: "Sources of Variability in Age Specific Prevalence Rates of Alzheimer's Disease," International Journal of Epidemiology 24:1000-1005, 1995.
- Kawas C, Karagiozis H, Resau L, Corrado M, Brookmeyer R: "Reliability of the Blessed Information – Memory Concentration Test," Journal of Geriatric Psychiatry and Neurology 8:238-243, 1995.
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- Levine O, Vlahov D, Brookmeyer R, Cohn S, Nelson K: "Differences in the Incidence of Hepatitis B and Human Immunodeficiency Virus Infection Among Injecting Drug Users," Journal of Infectious Diseases 173:579-583, 1996.
- Brookmeyer R, Mehendale SM, Shepherd M, et al: "Estimating the Rate of Occurrence of New HIV Infection Using Serial Prevalence Surveys: The Epidemic in India," AIDS 10:924-925, 1996.
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- Brookmeyer R: "AIDS, Epidemics and Statistics," Biometrics 52:781-796, 1996.
- Beyrer C, Brookmeyer R, Natpratan C, Kunawararak P, Niraroot V, Palapunya P, Khamboonruang C, Celentano DD, Nelson KE: "Measuring HIV-1 Incidence in Northern Thailand: Prospective Cohort Results and Estimates Based on Early Diagnostic Tests," Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology 12:495-499, 1996.

- Brookmeyer R and Zeger SL: "Statistical Issues in Prevention and Therapeutic Trials of Alzheimer's Disease," Alzheimer Disease and Associated Disorders 10:Supp(1), 27-30, 1996.
- Xue X and Brookmeyer R: "Bivariate Frailty Model for the Analysis of Multivariate Survival Time," Lifetime Data Analysis 2(3):277-290, 1996.
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- Rompalo AM, Shepher M, Lawlor JP, Rand S, Fox R, Brookmeyer, et al: "Definitions of Genital Ulcer Disease and Variation in Risk for Prevalent Human Immunodeficiency Virus Infection," Sexually Transmitted Diseases 24(7):436-442, 1997.
- McKhann G, Goldsborough M, Burowicz L, Mellits D, Brookmeyer R, Quaskey S, et al: "Predictors of Stroke Risk in Coronary Artery Bypass Patients," Annals of Thoracic Surgery 63:516-521, 1997.
- Kawas C, Resnick S, Morrison A, Brookmeyer R, Corrada M, Zonderman A, Bacal C, Donnell Lingle D, Metter E: "A Prospective Study of Estrogen Replacement Therapy and the Risk of Developing Alzheimer's Disease: The Baltimore Longitudinal Study of Aging," Neurology 48:1517-1521, 1997.
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- Brookmeyer R: "Accounting for Follow-up Bias in Estimation of HIV Incidence Rates," Journal of the Royal Statistical Society Series A 160(1):127-140, 1997.
- Xue X and Brookmeyer R: Regression Analysis of Discrete Time Survival Data Under Heterogeneity," Statistics in Medicine 16:1983-1993, 1997.
- Finzi D, Hermankova M, Pierson T, Carruth L, Buck C, Chaisson R, Quinn T, Chadwick K, Margolick J, Brookmeyer R, Gallant J, Markowitz M, Ho D, Richman D, Siliciano R: "Identification of a Reservoir of HIV-1 in Patients on Highly Active Antiretroviral Therapy," Science 278:1295-1300, 1997.
- Bollinger RC, Brookmeyer, Mehendale SM, Paranjape RS, Shepherd ME, Gadkari DA, Quinn TC: "Risk Factors and Clinical Presentation of Acute Primary Health Immunodeficiency Virus Infection in India," Journal of the American Medical Association 278:2085-2089, 1997.
- Vlahov D, Junge B, Brookmeyer R, Cohn S, Riley E, Armenian H, Beilenson P: "Reductions in High-Risk Drug Use Behaviors Among Participants in the Baltimore Needle Exchange

- Program,” Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology 16(5):400-406, 1997.
- Brookmeyer R: “Incubation Period of Infectious Disease” in Encyclopedia of Biostatistics, eds. Armitage P and Colton T, John Wiley & Sons, Vol. 3, pp 2011-2016, 1998.
- Brookmeyer R: “Median Survival Time: Confidence Intervals and Tests” in Encyclopedia of Biostatistics, eds. Armitage P and Colton T, John Wiley & Sons, Vol. 4, pp 2538-2540, 1998.
- Brookmeyer R: “Biased Sampling of Cohorts in Epidemiology” in Encyclopedia of Biostatistics, eds. Armitage P and Colton T, John Wiley & Sons, Vol. 1, pp 338-350, 1998.
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- Gray SM and Brookmeyer R: “Estimating a Treatment Effect from Multidimensional Longitudinal Data,” Biometrics 54(3):976-988, 1998.
- Brookmeyer R and Chen YQ: “A Person-Time Analysis of Paired Community Intervention Trials When the Number of Communities is Small,” Statistics in Medicine 17:2121-2132, 1998.
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- Brookmeyer R, Gray S, Kawas C: “Projections of Alzheimer’s Disease in the United States and the Public Health Impact of Delaying Disease Onset,” American Journal of Public Health 88(9):1337-1342, 1998.
- Brookmeyer R: “Analysis of Multistage Pooling Studies of Biological Specimens for Estimating Disease Incidence and Prevalence,” Biometrics 55:608-612, 1999.
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PROFESSIONAL AFFILIATIONS

American Public Health Association
American Statistical Association
Biometrics Society
Society for Epidemiologic Research

SELECTED ACADEMIC SERVICE AT JOHNS HOPKINS UNIVERSITY

Committee on Human Volunteers (Institutional Review Board)
Vice Chair, Curriculum Committee
University Graduate Board
Committee on Admissions and Credentials
Search Committee for the Chair of the Department of Epidemiology
Committee on Academic Standards
Committee on Appointments and Promotions
Committee to Review the Department of Biochemistry
Faculty Senate
Chair of the Committee to Review the Master in Public Health Program
University Steering Committee in Response to Terrorism
Steering Committee of Public Health Scientists Working to Address Terrorism
Chair, Johns Hopkins Master of Public Health Executive Board
Advisory Board of the School of Public Health
Search Committee for the Dean of the School of Public Health

SELECTED TEACHING ACTIVITIES AT JOHNS HOPKINS UNIVERSITY

Methods in Biostatistics I-IV
Statistical Reasoning in Public Health I-II
Survival Analysis
Non-parametric Statistics
Epidemiological Methods
Seminar in Statistical Methods for Measuring the Health of Populations