

Ronald S. Brookmeyer

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Date of Birth: September 4, 1954

Place of Birth: New York, New York

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CURRENT POSITION

2010-present Professor
Department of Biostatistics
School of Public Health
University of California, Los Angeles
Los Angeles, California

PAST POSITIONS

1990-2010 Professor
Department of Biostatistics
Joint Appointment in Department of Epidemiology
Bloomberg School of Public Health
The Johns Hopkins University
Baltimore, Maryland

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

- 2005-2010 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

- 2011 The Lester Breslow Distinguished Lecture,
University of California, Los Angeles
- 2011 Dean's Distinguished Lecturer
UCLA School of Public Health
- 2010 Presidential Citation for Outstanding Achievements
Cooper Union for the Advancement of Science and Art
- 2009-2010 Chair of the Section on Statistics in Epidemiology (elected),
American Statistical Association
- 2009 The Lowell Reed Lectureship
American Public Health Association (Philadelphia)
- 2009 Ernest Lyman Stebbins Medal, Johns Hopkins Bloomberg School
of Public Health, in recognition of outstanding contributions to the
educational programs
- 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

- 2010- Institute of Medicine Committee for the Outcome and Impact
Evaluation of Global HIV/AIDS Programs Implemented Under the
Lantos/Hyde Act of 2008.
- 2009-2010 Institute of Medicine Committee on Planning the Assessment of
the President's Emergency Plan for AIDS Relief (PEPFAR)
- 2008-2010 National Biosurveillance Advisory Committee to the Director of
the Centers for Disease Control
- 2007 Chair, International Review Committee of AIDS Statistics,
UNAIDS, Geneva
- 2007-2008 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"
10th 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 Consultant, Federal Aviation Administration, Washington, D.C.
1979-1980 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

2011- Principal Investigator, Mathematical Modeling of Prevention
Packages for HIV Transmission,
Emory University/NIAID subcontract

2010- Investigator, NHLBI, Family and Neighborhood Interventions to
Reduce Heart Disease Risk in East Los Angeles

2008- Principal Investigator, Clinical and Pathological Investigation in
the Oldest Old: Statistical Design and Analysis, University of
Irvine/NIA subcontract

2005-2007 Principal Investigator, Forecasting Alzheimer’s Disease,
Elan and Wyeth Pharmaceuticals

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

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, Bleeker 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, Beschorner 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.

Linet 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, Linet 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.

Linet 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.

Klein R, Brothers T, Brookmeyer R, Zeger S and Quinn T: "Evaluation of HIV Seroprevalence in Population Surveys Using Pooled Sera," Journal of Clinical Microbiology 27:1449-1452, 1989.

Gail MH and Brookmeyer R: "Modeling the AIDS Epidemic," AIDS Update editors, Devita V, Hellman S, Rosenberg S, Lippincott Press Volume 3, September/October 1990.

- 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.
- Mehendale S, Rodrigues J, Brookmeyer R, Gangakhedkar R, Divekar A, Gokhale M, et al: "HIV-1 Incidence and Predictors of Seroconversion in Patients Attending Sexually Transmitted Disease Clinics in India," Journal of Infectious Diseases 172:1486-1491, 1995.
- Dal Forno G, Rasmusson D, Brandt J, Carson K, Brookmeyer R, Troncoso J, Kawa C: "Apolipoprotein E Genotype and Rate Decline in Probable Alzheimer's Disease," Archives of Neurology 53:345-350, 1996.
- 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.
- Rasmusson DX, Carson K, Brookmeyer R, Kawas C, Brandt J: "Predicting Rate of Cognitive Decline in Alzheimer's Disease," Bran and Cognition 31:133-147, 1996.
- 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.

- Dannenberg A, McNeil JG, Brundage JF, Brookmeyer R: "Survival and HIV Infection: Mortality Follow-up of 4,147 HIV Seropositive Military Service Applicants," Journal of the American Medical Association 276:1743-1746, 1996.
- 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.
- Chun TW, Carruth L, Finzi D, Shen S, DiGiuseppe J, Taylor H, Hermankova M, Chadwick K, Margolick J, Quinn TC, Kuo YH, Brookmeyer R, Zeiger MA, Barditch-Crovo P, Siliciano RF: "Quantification of Latent Tissue Reservoirs and Total Body Viral Load in HIV-1 Infection," Nature 387:183-188, 1997.
- 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.
- Klassen AC, Klassen DK, Brookmeyer R, Frank RG, Marconi K: "Factors Influencing Waiting Time and Successful Receipt of Cadaveric Liver Transplant in the United States," Medical Care 36(3):281-294, 1998.
- Cleghorn F, Jack N, Murphy J, Edwards J, Mahabir B, Paul K, O'Brien T, Greenberg M, Weinhold K, Bartholomew C, Brookmeyer R, Blattner W: "Direct and Indirect Estimates of HIV-1 Incidence in a High Prevalence Population," American Journal of Epidemiology 147:834-839, 1998.
- 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.
- Wawer MJ, Gray RH, Sweankambo NK, Serwadda D, Paxton L, Berkley S, McNairn D, Wabwire-Mangen F, Li C, Nalugoda F, Kiwanuka N, Lutalo T, Brookmeyer R, et al: "A Randomized, Community Trial of Intensive Sexually Transmitted Disease Control for AIDS Prevention, Rakai, Uganda," AIDS 12(10):1211-1225, 1998.
- 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.
- Wu A, Gray S, Brookmeyer R: "Application of Random Effects Models and Other Models to the Analysis of Multidimensional Quality of Life Data in an AIDS Clinical Trial," Medical Care 37(3):259, 1999.
- Kaplan E and Brookmeyer R: "Snapshot Estimators of Recent HIV Incidence Rates," Operations Research 47(1):29-37, 1999.
- Lubaki NM, Shepherd ME, Brookmeyer RS, Hon H, Quinn TC, Kashamuka M, Johnson M, Gottle R, Devers J, Lederman H, Bollinger R: "HIV-1 Specific Cytolytic T-Lymphocyte Activity Correlates with Lower Viral Load, Higher CD4 Count and CD8+CD39-OR-Phenotype: Comparison of Statistical Methods of Measurement," Journal of the Acquired Immune Deficiency Syndrome 22:19-30, 1999.

- Gray S and Brookmeyer R: "Multidimensional Longitudinal Data: Estimating a Treatment Effect from Continuous, Discrete or Time to Event Response Variables," Journal of American Statistical Association 95(450):396-406, 2000.
- Brookmeyer R and Gray S: "Methods for Projecting the Incidence and Prevalence of Chronic Diseases in Aging Populations: Application to Alzheimer's Disease," Statistics in Medicine 19(11-12):1481-1493, 2000.
- Marx MA, Crape B, Brookmeyer RS, Junge B, Latkin C, Vlahov D, Strathdee SA: "Trends in Crime and the Introduction of a Needle Exchange Program," American Journal of Public Health 90(12):1933-1935, 2000.
- Thamer M, Hwang W, Fink NE, Sadler, Willis S, Levin NW, Bass EB, Levey AS, Brookmeyer RS, Power NR: "US Nephrologists' Recommendation of Dialysis Modality: Results of a National Survey," American Journal of Kidney Diseases 36(6):1155-1165, 2000.
- Quinn TC, Brookmeyer R, Kline R, Shepherd M, Paranjape R, Mehendale SM, Gadkari D, Bollinger R: "Feasibility of Pooling Sera for HIV-1 Viral RNA to Diagnose Acute Primary HIV-1 Infection and Estimate HIV Incidence," AIDS 14:2751-2757, 2000.
- Kawas C, Gray S, Brookmeyer R, Fozard J, Zonderman A: "Age-Specific Incidence Rates of Alzheimer's Disease: The Baltimore Longitudinal Study of Aging," Neurology 54:2072-2077, 2000.
- Thamer M, Hwang W, Fink NE, Sadler JH, Bass EB, Levey AS, Brookmeyer R, Powe, NR: "US Nephrologists' Attitudes Toward Renal Transplantation Results from a National Survey," Transplantation 71:281-288, 2001.
- Kawas C and Brookmeyer R: "Aging and the Public Health Impact of Dementia," (editorial). New England Journal of Medicine 344:1160-1161, 2001.
- Gray R, Wawer M, Brookmeyer R, Sewan Kambo N, Serwaddu D, Wagwire-Mangen F, Lutalo T, Quinn T, and Rakai Project Team: "The Probability of HIV-1 Transmission Per Coital Act in Monogamous Heterosexual HIV Discordant Couples: Rakai, Uganda," Lancet 357:1149-1154, 2001.
- Marx MA, Brahmabhatt H, Beilenson P, Brookmeyer R, Strathdee S, Alexander C, Vlahov D: "Impact of Needle Exchange on Adolescent Perceptions About Illicit Drug Use," AIDS and Behavior 5(4):379-386, 2001.
- Mehendale SM, Shepherd ME, Brookmeyer RS, Semba RD, Divekar AD, Gangakhedkar RR, Joshi S, Risbud AR, Paranjape RS, Gadkari DA, Bollinger RC: "Low Carotenoid Concentration and the Risk of HIV Seroconversion in Pune, India," Journal of Acquired Immune Deficiency Syndrome 26(4):352,359, 2001.

- Brookmeyer R, Blades N, Hugh-Jones M, Henderson DA: "The Statistical Analysis of Truncated Data: Application to the Sverdlovsk Anthrax Outbreak," Biostatistics 2(2):233-247, 2001.
- Brookmeyer R: "Statistical Issues in the Evaluation of HIV Prevention Programs" in Quantitative Evaluation of HIV Programs, eds. Kaplan E and Brookmeyer R, Yale University Press, pp 55-78, 2002.
- Brookmeyer R: "Disease Registry" in Encyclopedia of Environmetrics eds. El-Shaarawi A and Piegorsch W, John Wiley & Sons, 2002.
- Dal Forno G, Carson KA, Brookmeyer R, Troncoso J, Kawas CH, Brandt J: "APOE Genotype and Survival in Men and Women with Alzheimer's Disease," Neurology 58(7):1045-1050, 2002.
- Safaeian M, Brookmeyer R, Vlahov D, Latkin C, Marx M, Strathdee S: The Validity of Self-Reported Needle Exchange Attendance Among Injection Drug Users: Implications for Program Evaluation," American Journal of Epidemiology 155:169-175, 2002.
- Kinchen KS, Sadler J, Fink N, Brookmeyer R, Klag MJ, Levey AS, Powe NR: "The Timing of Specialist Evaluation in Chronic Kidney Disease," Annals of Internal Medicine 137:479-486, 2002.
- Miller M, Humphrey J, Johnson E, Marinda E, Brookmeyer R, Katz J: "Why Do Children Become Vitamin A Deficient?" Journal of Nutrition 132(9):2867S-2880S, 2002.
- Brookmeyer R and Blades N: "Prevention of Inhalational Anthrax in the U.S. Outbreak," Science 295:1861, 2002.
- Brookmeyer R and Curriero FC: "Survival Curve Estimation with Partial Non Random Exposure Information," Statistics in Medicine 21(8):2671-2683, 2002.
- Brookmeyer R, Corrada MM, Curriero, Kawas C: "Survival Following a Diagnosis of Alzheimer's Disease," Archives of Neurology 59(1):1764-1767, 2002.
- Thakar MR, Patke D, Lakhashe SK, Bhonge L, Kulkarni SV, Tripathy SP, Gupte N, Brookmeyer R, Quinn TC, Paranjape RS, Bollinger RC: "Consistent Subtype-Specific Anti-HIV Type 1 T- Lymphocyte Responses in Indian Subjects Recently Infected with HIV Type 1," AIDS Research and Human Retroviruss 18(18):1389-1393, 2002.
- Mehendale SM, Bollinger RC, Kulkarni SS, Stallings RY, Brookmeyer RS, Kulkarni SV, Divekar AD, Gangakhedkar RR, Joshi Sn, Risbud AR, Thakar MA, Mahajan BA, Kale VA, Ghate MV, Gadkari DA, Quinn TC, Paranjape RS: "Rapid Disease Progression in Human Immunodeficiency Virus Type 1-Infected Seroconverters in India," AIDS Research and Human Retroviruses 18(18):1175-1179, 2002.

- Bhore AV, Sastry J, Patke D, Gupte N, Bulakh PM, Lele S, Karmarkar A, Bharucha KE, Shrotri A, Pisal H, Suryavanshi N, Tripathy S, Risbud AR, Paranjape RS, Shankar AV, Kshirsagar A, Phadke MA, Joshi PL, Brookmeyer RS, Bollinger RC Jr: "Sensitivity and Specificity of Rapid HIV Testing of Pregnant Women in India," International Journal of STD and AIDS 14(1):37-41, 2003.
- Beyrer C, Razak MH, Labrique A, Brookmeyer R: "Assessing the Magnitude of the HIV/AIDS Epidemic in Burma," Journal of AIDS 32:311-317, 2003.
- Reynolds SJ, Risbud AR, Shepherd Me, Zenilman J, Brookmeyer R, Paranjape RS, Divekar AD, Gangakhedkar R, Ghate M, Bollinger RC, Mehendale SM: "Recent Herpes Simplex Virus Type 2 Infection and the Risk of HIV-1 Acquisition in India," Journal of Infectious Diseases 187(10):1513-1521, 2003.
- Kawas CH, Corrada MM, Brookmeyer R, Morrison A, Resnick SM, Zonderman AB, Arenberg D: "Visual Memory Predicts Alzheimer's Disease More than a Decade Before Diagnosis," Neurology 60(7):1089-1093, 2003.
- Phadke MA, Gadgil B, Bharucha KE, Shrotri AN, Sastry J, Gupte NA, Brookmeyer R, Paranjape RS, Bulakh PM, Pisal H, Suryavanshi N, Shankar AV, Propper L, Joshi PL, Bollinger RC: "Replacement-fed Infants Born to HIV-infected Mothers in India Have a High Early Postpartum Rate of Hospitalization," Journal of Nutrition 133(10):3153-3157, 2003.
- Hwang WT and Brookmeyer R: "Design of Panel Studies for Disease Progression with Multiple Stages," Lifetime Data Analysis 9(3):261-274, 2003.
- Brookmeyer R, Johnson E, Bollinger R: "Modeling the Optimum Duration of Antibiotic Prophylaxis in an Anthrax Outbreak," Proceedings of the National Academy of Sciences 100(17):10129-10132, 2003.
- Brookmeyer R and Blades N: "Statistical Models and Bioterrorism: Application to the U.S. Anthrax Outbreak," Journal of the American Statistical Association 98(464):781-788, 2003.
- Brookmeyer R: "Temporal Factors in Epidemics: The Role of the Incubation Period" in Monitoring the Health of Populations: Statistical Principles and Methods for Public Health Surveillance, eds. Brookmeyer R and Stroup D, Oxford University Press, 2004.
- Stroup D, Brookmeyer R, Kalsbeek W: "Public Health Surveillance in Action: A Framework:" in Monitoring the Health of Populations: Statistical Principles and Methods for Public Health Surveillance, eds. Brookmeyer R and Stroup D, Oxford University Press, 2004.
- Frangakis CE, Brookmeyer RS, Varadhan R, Safaeian M, Vlahov D, Strathdee SA: "Methodology for Evaluation a Partially Controlled Longitudinal Treatment Using Principal Stratification, with Application to Needle Exchange Program," Journal of the American Statistical Association 99(465):239-249, 2004.

- Reynolds SJ, Shepherd ME, Risbud AR, Gangakhedkar RR, Brookmeyer RS, Divekar AD, Mehendale SM, Bollinger RC: "Male Circumcision and Risk of HIV-1 and Other Sexually Transmitted Infections in India," Lancet 363(9414):1039-1040, 2004.
- Corrada M, Kawas CH, Brookmeyer R, Morrison A, Resnick S, Zonderman AB, Arenberg D: "Visual Memory Predicts Alzheimer's Disease More than a Decade Before Diagnosis," Research and Practice in Alzheimer's Disease 9:51-55, 2004.
- Yasar S, Corrada M, Brookmeyer R, Kawas C: "Calcium Channel Blockers and Risk of AD: The Baltimore Longitudinal Study of Aging," Neurobiology of Aging 26(2):157-163, 2004.
- Brookmeyer R, Johnson E, Bollinger R: "Public Health Vaccination Policies for Containing an Anthrax Outbreak," Nature 432(7019):901-904, 2004.
- Brookmeyer R, Johnson E, Barry S: "Modeling the Incubation Period of Anthrax," Statistics in Medicine 24(4):531-542, 2005.
- Brookmeyer E: Editorial "Biosecurity and the Role of Statisticians," Journal of the Royal Statistician Society Series A 168(2):263-266, 2005.
- Blot WJ, Ibrahim MA, Ivey TD, Acheson DE, Brookmeyer R, Weyman A, Defauw J, Smith JK, Harrison D: "Twenty-five Year Experience with the Bjork-Shiley Convexoconcave Heart Valve: A Continuing Clinical Concern," Circulation 111(21):2850-2857, 2005.
- Corrada MM, Kawas CH, Hallfrisch J, Muller D, Brookmeyer R: "Reduced Risk of Alzheimer's Disease with High Folate Intake: The Baltimore Longitudinal Study of Aging," Alzheimer's and Dementia: The Journal of the Alzheimer's Association 1(1):11-18: 2005.
- Brookmeyer R: "Modeling and Outbreak of Anthrax, In: Statistics: A Guide to the Unknown, 4th edition, eds. Peck R, Casella G, Cobb G, Hoerl R, Nolan D, Starbuck R, Stern H, Thomson Brooks Cole and the American Statistical Association, 2006.
- Brookmeyer R and You X: "A Hypothesis Test for the End of a Common Source Outbreak," Biometrics 61:61-5, 2006.
- Cole SR, Chu H, Brookmeyer R: "Confidence Intervals for Biomarkers-based Human Immunodeficiency Virus Incidence Estimates and Differences Using Prevalent Data," American Journal of Epidemiology 165:94-100, 2007.
- Brookmeyer R, Johnson E, Ziegler-Graham K, Arrighi HM: "Forecasting the Global Burden of Alzheimer's Disease," Alzheimer's and Dementia 3:186-191,2007.
- Gupte N, Brookmeyer R, Bollinger R, Gray G: "Modeling Maternal Infant HIV Transmission in Presence of Breast-feeding with an Imperfect Test," Biometrics 63:1189-1197, 2007.

- Travison TG and Brookmeyer R: "Global Effects Estimation for Multidimensional Outcomes," Statistics in Medicine 26(27): 4845-4859, 2007.
- Mehendale SM, Gupte N, Paranjape RS, Kohli R, Jogelekar N, Brahme RG, Godbole SV, Joshi SN, Ghate MV, Sahay S, Kumar K, Gangakhedkar RR, Risbud AR, Brookmeyer RS and Bollinger RC: "Declining HIV Infection Rates among Patients Attending Sexually Transmitted Infection Clinics in Pune, India," Journal of AIDS , 45(5):564-9, 2007.
- Gupte N, Sastry J, Brookmeyer R, Phadke MA and Bollinger RC : "Declining HIV Infection Rates among Recently Married, Primigravida Women in Pune, India," Journal of AIDS, 45(5):570-573, 2007.
- Lessler J, Brookmeyer R, Perl T: "An Evaluation of Decision Rules Based on Date of Symptom Onset to Identify Health Care Associated Infections," American Journal of Epidemiology 166(10):1220-1229, 2007.
- Johnson E, Brookmeyer R, Ziegler-Graham K: "Modeling the Effect of Alzheimer's Disease on Mortality," International Journal of Biostatistics, vol 3: Issue 1, article 13, 2007.
- Ziegler-Graham K, Mackenzie E, Ephraim P, Travison T, Brookmeyer R: "Estimating the Prevalence of Limb Loss in the United States, 2005-2050," Arch Phys Med Rehabil, 89:422-429, 2008
- Corrada M, Brookmeyer R, Berlau D, Paganini-Hill A, Kawas CH: "Prevalence of Dementia After Age 90," Neurology 71:337-343, 2008.
- Crawford S, Reich N, An MW, Brookmeyer R, Louis T, Nelson K, Notari E, Trouern-Trend J, Zou S: "Regional and Temporal Variation in American Red Cross Blood Donations, 1995 to 2005 ," Transfusion, 48:1576-1583, 2008.
- Hall I, Song R, Rhodes P, Prejean J, An Q, Lee L, Karon J, Brookmeyer R, Kaplan E, McKenna M, Janssen R for the HIV Incidence Surveillance Group: "Estimation of HIV Incidence in the United States," Journal of the American Medical Association, 300:520-529, 2008.
- Karon JM, Song R, Brookmeyer R, Kaplan E, Hall I: "Estimating HIV Incidence in the United States from HIV/AIDS Surveillance Data and Biomarker HIV Test Results," Statistics in Medicine, 27:4617-4633, 2008.
- Ziegler-Graham K, Brookmeyer R Johnson E, Arrighi M: " Worldwide Variation in the Doubling Time of Alzheimer's Disease Incidence Rates," Alzheimer's & Dementia: The Journal of the Alzheimer's Association, 4(5): 316-323, 2008.
- Charvat B, Brookmeyer R, Herson J: "The Effects of Herd Immunity on the Power of Vaccine Trials," Statistics in Biopharmaceutical Research, 1,1:108-117, 2009.
- Brookmeyer R: "Should Biomarker Estimates of HIV Incidence be Adjusted?" AIDS, 23(4):485-491, 2009.

- Lessler J, Reich N, Brookmeyer R, Perl T, Nelson K, Cummings D: “A Systematic Review of the Incubation Periods of Acute Respiratory Viral Infections,” The Lancet Infectious Diseases, 9(5):291-300, 2009.
- Reich NG, Lessler J, Cummings D, Brookmeyer R: “Estimating Incubation Period Distributions with Coarse Data,” Statistics in Medicine, 28(22):2769-2784, 2009.
- Brookmeyer R: “Response to Correspondence on Should Biomarker Estimates of HIV Incidence be Adjusted?” AIDS, 23(15):2066-2068, 2009.
- Brookmeyer R: “Measuring the HIV/AIDS Epidemic: Approaches and Challenges,” Epidemiologic Reviews, 32:26-37, 2010.
- Lessler, J, Brookmeyer, R., Reich, N. G., Nelson, K. E., Cummings, D. A. T. Perl, T. M. 2010. Identifying the Probable Timing and Setting of Respiratory Virus Infections. Infection Control and Hospital Epidemiology. 31(8):809-815, 2010.
- Brookmeyer R: “On the Statistical Accuracy of Biomarker Assays for HIV Incidence,” Journal of Acquired Immune Deficiency Syndrome, 54(4):406-414, 2010.
- Colantuoni E, Surplus G, Hackman A, Arrighi M, Brookmeyer R: “Web-based application to project the burden of Alzheimer’s disease”, Alzheimer’s and Dementia, 6, 425-428, 2010.
- Laeyendecker O, Church J, Oliver A, Mwatha A, Owen M, Donnell D, Brookmeyer R, Musoke P, Jackson B, Guay L, Nakabiito C, Quinn T, Eshleman S: “Pregnancy does not affect HIV incidence Test Results Obtained Using the BED Capture Enzyme Immunoassay or an Antibody Avidity Assay”, PLoS ONE, 5(10): e13259. doi:10.1371/journal.pone.0013259010 , 2010.
- Lessler J, Santos T, Aguilera X, Brookmeyer R, PAHO Influenza Technical ‘working Group, Cummings D: “H1N1pdm in the Americas, Epidemics, 2(3):132-138, 2010.
- Brookmeyer R, Evans D, Hebert L, Langa K, Heeringa S, Plassman B, Kukull W: “National Estimates of the Prevalence of Alzheimer’s disease in the United States”, Alzheimer’s and Dementia, 7, 1-13, 2011.

PROFESSIONAL AFFILIATIONS

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

SELECTED ACADEMIC SERVICE

Committee on Human Volunteers (Institutional Review Board)-Johns Hopkins University

University Graduate Board-Johns Hopkins University
Committee on Admissions and Credentials-Johns Hopkins University
Search Committee for the Chair of the Department of Epidemiology-Johns Hopkins University
Committee on Academic Standards-Johns Hopkins University
Committee on Appointments and Promotions-Johns Hopkins University
Faculty Senate, Johns Hopkins University
Chair, Committee to Review the Master in Public Health Program, Johns Hopkins University
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 Johns Hopkins University Bloomberg School of Public Health
Search Committee for Dean of Johns Hopkins University Bloomberg School of Public Health
Search Committee for Director of the Center for Global Infectious Diseases, UCLA
California Center for Population Research, Executive Committee and Faculty Associate, UCLA

SELECTED TEACHING ACTIVITIES

Methods in Biostatistics I-IV (Johns Hopkins University)
Statistical Reasoning in Public Health I-II (Johns Hopkins University)
Survival Analysis (Johns Hopkins University)
Non-parametric Statistics (Johns Hopkins University)
Epidemiological Methods (Johns Hopkins University)
Seminar in Statistical Methods for Measuring the Health of Populations (Johns Hopkins)
Epidemiology (Princeton University)
Statistical Issues in AIDS (University of California, Los Angeles)
Biostatistical Methods (University of California, Los Angeles)
Introduction to Biostatistics (University of California, Los Angeles)