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CURRICULUM VITAE

RONALD S. BROOKMEYER

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CURRENT POSITION

2020-present Dean and Distinguished Professor of Biostatistics
Fielding School of Public Health
University of California, Los Angeles
Los Angeles, California

2018-2020 Interim Dean
Fielding School of Public Health
University of California, Los Angeles
Los Angeles, California

2010-2020 Professor of Biostatistics
Fielding School of Public Health
University of California, Los Angeles
Los Angeles, California

PAST POSITIONS

1990-2010 Professor of Biostatistics
Joint Appointment in Department of Epidemiology
Bloomberg School of Public Health
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
Master of Public Health Program (School-wide)
Bloomberg School of Public Health
Johns Hopkins University

1985-1990 Associate Professor of Biostatistics
Joint Appointment in Department of Epidemiology
Johns Hopkins Bloomberg School of Public Health
Joint Appointment in Department of Oncology
Johns Hopkins School of Medicine

1986 Visiting Biostatistician
Biostatistics Branch, National Cancer Institute
Bethesda, Maryland

1981-1985 Assistant Professor of Biostatistics
School of Hygiene and Public Health
(renamed the Bloomberg School of Public Health)
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

2014-present Board of Reviewing Editors, Science

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

2019, 2018, 2017,
2016, 2015, 2012 UCLA Public Health Student Association Teaching Award

2018 Elected to the Johns Hopkins University Society of Scholars

2017 Gano Dunn Award for Contributions to Science
Cooper Union College for the Advancement of Science and Art

2016 Karl E. Peace Award for Outstanding Statistical Contributions
for the Betterment of Society
American Statistical Association

2015 Nathan Mantel Lifetime Achievement Award for contributions
at the intersection of statistical science and epidemiology
American Statistical Association

2014 Norman E. Breslow Distinguished Lecturer in Biostatistics
University of Washington

2012 Donna Brogan Distinguished Lecturer
Emory University

2011 Lester Breslow and Dean's Distinguished Lecturer,
University of California, Los Angeles

2011 Biometrics Society (WNAAR) Invited Presidential Address

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, in recognition of outstanding
contributions to the School's educational programs
Johns Hopkins Bloomberg School of Public Health

2009	Charles C. Shepard Science Award for outstanding publication in epidemiology Centers for Disease Control
2007	Elected member Institute of Medicine (National Academy 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, 1999, 1985	Golden Apple Teaching Award Bloomberg School of Public Health, Johns Hopkins University
1998	Wade Hampton Frost Society Lectureship Johns Hopkins University
1997	Elected Fellow American Association for the Advancement of Science
1997	Myrto Lefkopoulou Distinguished Lectureship in Biostatistics Harvard University
1996	Elected Fellow, American Statistical Association
1996	Presidential Invited Address, Biometrics Society ENAR Meeting Richmond, Virginia
1992	Spiegelman Gold Medal for contributions to health statistics American Public Health Association
1992	Presidential Invited Address, Biometrics Society WNAR Meeting Corvallis, Oregon
1991	Elected member, Delta Omega Public Health Honor Society
1984, 1983	Convocation Marshal recognizing excellence in teaching School of Public Health, Johns Hopkins University
1975	Summa cum laude, Cooper Union College
1974	Reddick Prize in Mathematics, Cooper Union College

PROFESSIONAL ACTIVITIES

2019-2020	National Academies of Sciences, Engineering, and Medicine's Standing Committee to Advise the Department of State on Unexplained Health Effects on US Government Employees and their Families at Overseas Embassies
2017-2021	National Cancer Institute Data Safety Monitoring Board of Single Dose HPV Vaccine Trials
2016-2020	World Health Organization Working Group on a Blueprint for Vaccine Trial Design in Public Health Emergencies.
2017, 2016, 2015, 2011	Workshop co-leader in Biostatistics and Epidemiology of HIV/AIDS at the invitation of the Chinese Center for Disease Control Prevention Beijing, Hangzhou, and Kunming, China
2014-2019	External Advisory Council Gillings School of Global Public Health University of North Carolina
2006-present	External Advisory Board Mayo Clinic Study of Aging
2014-2017	Scientific Advisory Committee of the Tobacco Center of Regulatory Science, University of Southern California
2013-2016	Report Review Committee National Academy of Sciences
2010-2013	Institute of Medicine Committee for the Outcome and Impact Evaluation of Global HIV/AIDS Programs Implemented Under the Lantos/Hyde Act of 2008 (PEPFAR).
2012	Ware Alzheimer Program Invitational Summit University of Pennsylvania
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 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 Statens Serum 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 on 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	Member, Panel on Needle Exchange Program, National Academy of Sciences
1992	Scientific Review Panel 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
1994, 1991, 1989, 1988	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 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
1986, 1985	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
1985, 1984, 1983	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

PROFESSIONAL AFFILIATIONS

National Academy of Medicine, elected Member, 2007
 American Association for the Advancement of Science, elected Fellow, 1997
 American Statistical Association, elected Fellow, 1996
 American Public Health Association

SELECTED ACADEMIC SERVICE

At University of California, Los Angeles

Dean, UCLA Fielding School of Public Health
 Chair, UCLA COVID-19 Future Planning Task Force
 Interim Dean, UCLA Fielding School of Public Health
 Chair, Faculty Search Committee in Department of Biostatistics
 Search Committee, Dean of the UCLA Fielding School of Public Health
 Search Committee, Chair of the Department of Epidemiology, UCLA
 California Center for Population Research, Executive Committee and Faculty Associate
 Search Committee, Director of the Center for Global Infectious Diseases

At Johns Hopkins University

Chair, Johns Hopkins Master of Public Health Executive Board
 Advisory Board of the Johns Hopkins University Bloomberg School of Public Health
 Search Committee, Dean of Johns Hopkins University Bloomberg School of Public Health

Chair, Committee to Review the Master in Public Health Program
Johns Hopkins University Steering Committee in Response to Terrorism
Committee on Human Volunteers (Institutional Review Board)
University Graduate Board
Committee on Appointments and Promotions
Committee on Admissions and Credentials
Search Committee, Chair of the Department of Epidemiology, Bloomberg School of Public Health
Committee on Academic Standards
Faculty Senate

SELECTED TEACHING ACTIVITIES

At University of California, Los Angeles

Biostatistics in Public Health
Statistical Issues in AIDS
Biostatistical Methods
Introduction to Biostatistics
Advanced Doctoral Seminar in Biostatistics

At Princeton University

Epidemiology

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

SELECTED GRANT AWARDS

2017-2021	Principal Investigator, Alzheimer's Disease Risks and Projections Using Multi-State Models with Biomarkers National Institute of Aging (R21)
2011-2021	Principal Investigator (with Susan Eshleman), Laboratory and Statistical Development of Cross-Sectional HIV Incidence Assays, National Institute of Health (R01 grant)
2008- 2023	Principal Investigator, Clinical and Pathological Investigation in the Oldest Old: Statistical Design and Analysis, University of California, Irvine/National Institute of Aging subcontract

2011-2015 Principal Investigator, Mathematical Modeling of Prevention Packages for HIV Transmission
Emory University/NIAID subcontract

2011 Principal Investigator, Anthrax Model Development for Los Angeles County, Los Angeles County Dept. of Health

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

1988-2002 Principal Investigator, National Institute of Health, Statistical Methods in AIDS Research

PUBLICATIONS

Books

Brookmeyer R and Stroup D, eds. (2004). Monitoring the Health of Populations: Statistical Methods for Public Health Surveillance, Oxford University Press, 370 pages.

Kaplan E and Brookmeyer R, eds. (2002). Quantitative Evaluation of HIV Prevention Programs, Yale University Press, 335 pages.

Brookmeyer R and Gail MH (1994). AIDS Epidemiology: A Quantitative Approach, Oxford University Press, 354 pages.

Articles

Hayes-Larson E, Zhou Y, Wu Y, Mobley TM, Gee G, Brookmeyer R, Whitmer R, Gilsanz P, Kanaya A, Mayeda ER, Heterogeneity in the effect of type 2 diabetes on dementia incidence in a diverse cohort of Asian American and non-Latino White older Adults. American Journal of Epidemiology, in press 2024

Corrada MM, Jiang L, Sajjadi SA, Montine TJ, Bukhari SA, Cholerton B, Boyle PA, Brookmeyer R, Kawas CH. Proportion of Dementia Cases in the Oldest-old Attributable to 8 Neuropathological Changes: The 90+ Study. Alzheimer's & Dementia. Dec;19:e074422, 2023.

Hayes-Larson E, Ikesu R, Fong J, Mobley TM, Gee GC, Brookmeyer R, Whitmer RA, Gilsanz P, Mayeda ER. Association of education with dementia incidence stratified by ethnicity and nativity in a cohort of older Asian American individuals. JAMA Network Open. 6(3):e231661, 2023.

Mobley TM, Shaw C, Hayes-Larson E, Fong J, Gilsanz P, Gee GC, Brookmeyer R, Whitmer RA, Casey JA, Mayeda ER. Neighborhood disadvantage and dementia incidence in a cohort of Asian American and non-Latino White older adults in Northern California. Alzheimer's & Dementia. 19:296-306, 2023.

Brookmeyer R, Morrison DE. Estimating Vaccine Effectiveness by Linking Population-Based Health Registries: Some Sources of Bias. American Journal of Epidemiology. 91(11):1975-80, 2022.

Hayes-Larson E, Fong J, Mobley TM, Gilsanz P, Whitmer RA, Gee GC, Brookmeyer R, Mayeda ER. The role of nativity in heterogeneous dementia incidence in a large cohort of three Asian American groups and white older adults in California. Alzheimer's & Dementia., 18:1580-1585, 2022.

Morrison D, Laeyendecker O, Brookmeyer R. Regression with interval-censored covariates: Application to cross-sectional incidence estimation. Biometrics.;78(3):908-21, 2022.

Seang K, Javanbakht M, Lee SJ, Brookmeyer R, Pheng P, Chea P, Saphonn V, Gorbach PM. Differences in prevalence and risk factors of non-communicable diseases between young people living with HIV (YLWH) and young general population in Cambodia. PLOS ONE. 21;17(6):e0269989, 2022.

Grant-McAuley W, Laeyendecker O, Monaco D, Chen A, Hudelson SE, Klock E, Brookmeyer R, Morrison D, Piwowar-Manning E, Morrison CS, Hayes R. Evaluation of multi-assay algorithms for cross-sectional HIV incidence estimation in settings with universal antiretroviral treatment. BMC Infectious Diseases. 22(1):1-1, 2022.

Brookmeyer R. Commentary on the role of statisticians in pandemics. Statistics in Medicine. 40:2521-3, 2021.

Breskin A, Cole SR, Edwards JK, Brookmeyer R, Eron JJ, Adimora AA. Fusion designs and estimators for treatment effects. Statistics in Medicine. 40:3124-37, 2021.

Shaw C, Hayes-Larson E, Glymour MM, Dufouil C, Hohman TJ, Whitmer RA, Kobayashi LC, Brookmeyer R, Mayeda ER. Evaluation of selective survival and sex/gender differences in dementia incidence using a simulation model. JAMA Network Open. 4:e211001, 2021.

Xu JJ, Chen JT, Belin TR, Brookmeyer RS, Suchard MA, Ramirez CM. Male-female disparities in years of potential life lost attributable to COVID-19 in the United States: a State-by-State analysis. Applied Sciences. 11(16):7403, 2021.

Takada S, Gorbach P, Brookmeyer R, Shoptaw S. Associations of social capital resources and experiences of homophobia with HIV transmission risk behavior and HIV care continuum among men who have sex with men in Los Angeles. AIDS Care. 33(5):663-74, 2021.

Fulcher JA, Javanbakht M, Shover CL, Ragsdale A, Brookmeyer R, Shoptaw S, Gorbach PM. Comparative impact of methamphetamine and other drug use on viral suppression among sexual minority men on antiretroviral therapy. Drug and Alcohol Dependence. 221:108622, 2021.

Xu JJ, Chen JT, Belin TR, Brookmeyer RS, Suchard MA, Ramirez CM. Racial and ethnic disparities in years of potential life lost attributable to covid-19 in the united states: An analysis of 45 states and the District of Columbia. International Journal of Environmental Research and Public Health. 18:2921, 2021.

Elmore JG, Wang PC, Kerr KF, Schriger DL, Morrison DE, Brookmeyer R, Pfeiffer MA, Payne TH, Currier JS. Excess patient visits for cough and pulmonary disease at a large US health system in the months prior to the COVID-19 pandemic: Time-Series Analysis. Journal of Medical Internet Research. 22:e21562, 2020.

Ogburn EL, Bierer BE, Brookmeyer R, Choirat C, Dean NE, De Gruttola V, Ellenberg SS, Halloran ME, Hanley DF, Lee JK, Wang R. Aggregating data from COVID-19 trials. Science 368: 1198-9, 2020.

Dean NE, Gsell PS, Brookmeyer R, Crawford FW, Donnelly CA, Ellenberg SS, Fleming TR, Halloran EM, Horby P, Jaki T, Krause PR. Creating a framework for conducting randomized clinical trials during disease outbreaks. New England Journal of Medicine 382:1366-9, 2020.

Brookmeyer R. Predictions about where the coronavirus pandemic is going vary widely. Can models be trusted? Op-Ed, Los Angeles Times, April 22, 2020.

Javanbakht M, Shoptaw S, Ragsdale A, Brookmeyer R, Bolan R, Gorbach PM. Depressive symptoms and substance use: Changes overtime among a cohort of HIV-positive and HIV-negative MSM. Drug and Alcohol Dependence 207:107770, 2020.

Cook R, Fulcher J, Tobin N, Li F, Lee D, Woodward C, Javanbakht M, Brookmeyer R, Shoptaw S, Bolan R, Aldrovandi G, Gorbach P. Alterations to the Gastrointestinal Microbiome Associated with Methamphetamine Use among Young Men who have Sex with Men, Scientific Reports (a Nature Research Journal), 9:1-11, 2019.

Brookmeyer R, Abdalla N. Design and sample size considerations for Alzheimer's disease prevention trials using multistate models. Clinical Trials 16:111-119, 2019.

Brookmeyer R, Abdalla N. Multistate Models and Lifetime Risk Estimation: Application to Alzheimer's Disease. Statistics in Medicine 38: 1503-1528, 2019.

Dean NE, Gsell PS, Brookmeyer R, De Gruttola V, Donnelly CA, Halloran ME, Jasseh M, Nason M, Riveros X, Watson CH, Henao-Restrepo AM. Design of vaccine efficacy trials during public health emergencies. Science Translational Medicine 3; 11(499):eaat0360, 2019.

Boyle PA, Yu L, Leurgans SE, Wilson RS, Brookmeyer R, Schneider JA, Bennett DA. Attributable Risk of Alzheimer's Dementia Due to Age-Related Neuropathologies. Annals of Neurology 85:114-124, 2019

Morrison D, Laeyendecker O, Brookmeyer R. Cross-sectional HIV Incidence Estimation in an Evolving Epidemic. Statistics in Medicine 38:3614-3627, 2019.

Han J, Wu Z, McGoogan JM, Mao Y, Tang H, Li J, Zhao Y, Jin C, Detels R, Brookmeyer R, Lima VD. The injection drug use route of infection is over-represented among HIV long-term non-progressors: a nationwide, retrospective cohort study in China, 1989–2016. Open Forum Infectious Diseases April 8, 2019.

Eshleman SH, Laeyendecker O, Kammers K, Chen A, Sivay MV, Kottapalli S, Sie BM, Yuan T, Monaco DR, Mohan D, Wansley D, Kula T, Morrison C, Elledge S, Brookmeyer R, Ruczinski I, Larman B. Comprehensive Profiling of HIV Antibody Evolution. Cell Reports 27(5):1422-33, 2019.

Aralis H, Brookmeyer R. A stochastic estimation procedure for intermittently-observed semi-Markov multistate models with back transition. Statistical Methods in Medical Research 28:770-787, 2019.

Cook R, Fulcher J, Tobin N, Li F, Javanbakht M, Brookmeyer R, Aldrovandi G, Gorbach P. Effects of HIV Viremia on the Gastrointestinal Microbiome of Young Men who have Sex with Men. AIDS 33:793-804, 2019.

Brookmeyer R, Wu Z. A Method for Estimating the Proportion of HIV Infected Persons that Have Been Diagnosed and Application to China. Statistics in Biosciences 1-12, 2019.

Naar S, Hudgens MG, Brookmeyer R, Carcone A, Chapman J, Chowdhury S, Ciaranello A, Comulada WS, Ghosh S, Horvath KJ, Ingram L, LeGrand S, Reback CJ, Simpson K, Stanton B, Starks T, Swendeman D. Improving the Youth HIV Prevention and Care Cascades: Innovative Designs in the Adolescent Trials Network for HIV/AIDS Interventions. AIDS Patient Care and STDs, 33:388-398, 2019.

Brookmeyer R, Abdalla N, Kawas C, Corrada M. Forecasting the prevalence of preclinical and clinical Alzheimer's disease in the United States. Alzheimer's & Dementia 14:121-129, 2018.

Zhao Y, Wu Z, McGoogan JM, Sha Y, Zhao D, Ma Y, Brookmeyer R, Detels R, Montaner JS. Nationwide cohort study of antiretroviral therapy timing: treatment dropout and virological failure in China, 2011–2015. Clinical Infectious Diseases 68:43-50, 2018.

Fulcher JA, Shoptaw S, Makgoeng SB, Elliott J, Ibarondo FJ, Ragsdale A, Brookmeyer R, Anton PA, Gorbach PM. Brief Report: Recent Methamphetamine Use Is Associated With Increased Rectal Mucosal Inflammatory Cytokines, Regardless of HIV-1 Serostatus. Journal of Acquired Immune Deficiency Syndromes 78:119-23, 2018.

Laeyendecker O, Konikoff J, Morrison DE, Brookmeyer R, Wang J, Celum C, Morrison CS, Abdool Karim Q, Pettifor AE, Eshleman SH. Identification and validation of a multi-assay algorithm for cross-sectional HIV incidence estimation in populations with subtype C infection. Journal of the International AIDS Society 21:e25082, 2018.

Brookmeyer R, Abdalla N. Estimation of Lifetime risks of Alzheimer's disease dementia using biomarker for preclinical disease. Alzheimer's & Dementia 14: 981-988, 2018.

Aralis HJ, Shoptaw S, Brookmeyer R, Ragsdale A, Bolan R, Gorbach PM. Psychiatric Illness, Substance Use, and Viral Suppression Among HIV-Positive Men of Color Who Have Sex with Men in Los Angeles. AIDS and Behavior 24:1-13, 2018.

Morrison D, Laeyendecker O, Konikoff J, Brookmeyer R. Cross-Sectional HIV Incidence Estimation with Missing Biomarkers. Statistical Communications in Infectious Diseases 10(1), 2018.

Corrada MM, Hayden KM, Paganini-Hill A, Bullain SS, DeMoss J, Aguirre C, Brookmeyer R, Kawas CH. Age of onset of hypertension and risk of dementia in the oldest-old: The 90+ Study. Alzheimer's & Dementia 13(2):103-10, 2017.

Albert SL, Langellier BA, Sharif MZ, Chan-Golston AM, Prelip ML, Garcia RE, Glik DC, Belin TR, Brookmeyer R, Ortega AN. A Corner Store Intervention to Improve Access to Fruits and Vegetables in Two Latino Communities. Public Health Nutrition June 1-11, 2017.

Van Nuys K, Chou JW, Silverstein A, Brookmeyer R, Goldman DP. The impact of broader hepatitis C treatment strategies on population health and social value in England. Journal of Hepatology 66:S407, 2017.

Moreno GA, Wang A, González YS, Espinosa OD, Vania DK, Edlin BR, Brookmeyer R. Value of Comprehensive HCV Treatment among Vulnerable, High-Risk Populations. Value in Health 2017.

Lakdawalla DN, Shafrin J, Hou N, Peneva D, Vine S, Park J, Zhang J, Brookmeyer R, Figlin RA. Predicting Real-World Effectiveness of Cancer Therapies Using Overall Survival and Progression-Free Survival from Clinical Trials: Empirical Evidence for the ASCO Value Framework. Value in Health, May 2017.

Sbarigia U, Wirth D, Van Nuys K, Huber C, Brookmeyer R, Stahmeyer J, Krauth C. Economic study of the value of expanding HCV treatment capacity in Germany. BMJ Open Gastroenterology Mar; 4(1):e000130, 2017.

Zhao Y, Wu Z, McGoogan JM, Shi CX, Li A, Dou Z, Ma Y, Qin Q, Brookmeyer R, Detels R, Montaner JS. Immediate antiretroviral therapy decreases mortality among patients with high CD4 counts in China: a nationwide, retrospective cohort study. Clinical Infectious Diseases 66(5):727-34, 2017.

Halloran ME, Auranen K, Baird S, Basta NE, Bellan S, Brookmeyer R, Cooper B, DeGruttola V, Hughes J, Lessler J, Lofgren ET. Simulations for Designing and Interpreting Intervention Trials in Infectious Diseases. BMC Medicine 15:223, 2017.

Brookmeyer R, Kawas CH, Abdallah N, Paganini-Hill A, Kim RC and Corrada MM. Impact of interventions to reduce Alzheimer's disease pathology on the prevalence of dementia in the oldest-old. Alzheimer's & Dementia 12(3), 225-232, 2016.

Ortega AN, Albert SL, Chan-Golston AM, Langellier BA, Glik DC, Belin TR, Garcia RE, Brookmeyer R, Sharif MZ and Prelip ML. Substantial improvements not seen in health behaviors following corner store conversions in two Latino food swamps. BMC Public Health 16(1), p.1, 2016.

Cui Y, Guo W, Li D, Wang L, Shi, CX, Brookmeyer R, Detels R, Ge L, Ding Z and Wu Z. Estimating HIV incidence among key affected populations in China from serial cross-sectional surveys in 2010–2014. Journal of the International AIDS Society 19(1), 2016.

Linthicum MT, Gonzalez YS, Mulligan K, Moreno GA, Dreyfus D, Juday T, Marx SE, Lakdawalla DN, Edlin BR and Brookmeyer R. Value of expanding HCV screening and treatment policies in the United State. American Journal of Managed Care 22(6 Spec No.), SP227-35, 2016.

Moreno GA, Mulligan K, Huber C, Linthicum MT, Dreyfus D, Juday T, Marx SE, Gonzalez YS, Brookmeyer R and Lakdawalla DN. Costs and spillover effects of private insurers' coverage of hepatitis C treatment. American Journal of Managed Care 22(6 Spec No.), SP236-44, 2016.

Chan-Golston AM, Friedlander S, Glik DC, Prelip ML, Belin TR, Brookmeyer R, Santos R, Chen J and Ortega AN. Comparing Lay Community and Academic Survey Center Interviewers in Conducting Household Interviews in Latino Communities. Progress In Community Health Partnerships: Research, Education, And Action 10(3), 435-442, 2016.

Aralis HJ, Gorbach PM and Brookmeyer R. Measuring concurrency using a joint multistate and point process model for retrospective sexual history data. Statistics in Medicine 5(24), 4459-4473, 2016.

Shafrin J, Brookmeyer R, Peneva D, Park J, Zhang J, Figlin RA, Lakdawalla DN. The value of surrogate endpoints for predicting real-world survival across five cancer types. Current Medical Research and Opinion 32(4):731-9, 2016.

Nguyen HT, Tran AV, Nguyen NB, Nguyen SH, Vu DB, Nguyen NT, Brookmeyer R, Detels R. Community Mobilization to Reduce Drug Use in Quang Ninh Province, Vietnam. American Journal of Public Health 105(1), 189-195, 2015.

Langellier BA, Brookmeyer R, Wang, MC, & Glik D. Language use affects food behaviours and food values among Mexican-origin adults in the USA. Public Health Nutrition 18(02), 264-274, 2015.

Ortega A, Albert S, Sharif M, Langellier B, Garcia RE, Glik D, Brookmeyer R, Chan-Golston A, Friedlander S, Prelip M. Proyecto MercadoFRESCO: A Multi-level, Community Engaged Corner Store Intervention in East Los Angeles and Boyle Heights. J Community Health 40(2), 347-356, 2015.

Brookmeyer R. Incubation Period of Infectious Diseases. Wiley Statsref: Statistics Reference Online, John Wiley, DOI:10.1002/9781118445112.stat05241.pub2, 2015.

Wu Z, Zhao Y, Ge X, Mao Y, Tang Z, Shi CX,....Brookmeyer R, Detels R, Montaner J, Wang, Y. Simplified HIV Testing and Treatment in China: Analysis of Mortality Rates Before and After a Structural Intervention. PLoS Med 12(9), e1001874, 2015.

Konikoff J and Brookmeyer R. Sample size methods for estimating HIV incidence from cross-sectional surveys. Biometrics 71(4), 1121-1129, 2015.

Van Nuys K, Brookmeyer R, Chou JW, Dreyfus D, Dieterich D, & Goldman, DP. Broad Hepatitis C Treatment Scenarios Return Substantial Health Gains, But Capacity Is A Concern. Health Affairs 34(10), 1666-1674, 2015.

Alcalá HE, Albert SL, Roby DH, Beckerman J, Champagne P, Brookmeyer R *et al.* Access to Care and Cardiovascular Disease Prevention: A Cross-Sectional Study in 2 Latino Communities. Medicine 94(34), e1441, 2015

Cousins M, Konikoff J, Laeyendecker O, Celum C, Buchbinder S, Seage G, Kirk G, Moore R, Mehta S, Margolick J, Brown J, Mayer K, Koblin B, Wheeler D, Justman J, Hodder S, Quinn T, Brookmeyer R, Eshleman S. HIV Diversity as a Biomarker for HIV Incidence: Including a High Resolution Melting Diversity Assay in a Multiassay Algorithm. Journal of Clinical Microbiology 52(1):115-121, 2014.

Romley J, Juday T, Solomon M, Seekins D, Brookmeyer R, Goldman D. Early HIV Treatment Led to Life Expectancy Gains Valued at \$80 Billion for people Infected in 1996-2009 in the United States. Health Affairs 33(3), 370-377, 2014.

Boren D, Sullivan P, Beyrer C, Baral SD, LG Bekker, Brookmeyer R. Stochastic Variation in Network Epidemic Models: Implications for the Design of Community Level HIV Prevention Trials. Statistics in Medicine 33(22):3894-3908, 2014.

McNaghten AD, Kearns R, Siegler AJ, Phaswana-Mafuya N, Bekker LG, Stephenson R, Baral SD, Brookmeyer R, Yah CS, Lambert AJ, Brown B, Rosenberg E, Blalock Tharp M, de Voux A, Beyrer C, Sullivan PS. Sibanye MP3 Project Protocol: Pilot Study of a Package of HIV Prevention Interventions for Men who Have Sex with Men in South Africa. JMIR Research Protocols doi:10.2196/report 3737, 2014.

Cousins M, Konikoff J, Sabin D, Khaki L, Longosz A, Laeyendecker O, Celum C, Buchbinder S, Seage G, Kirk G, Moore R, Mehta S, Margolick J, Brown J, Mayer K, Kobin B, Wheeler D, Justman J, Hodder S, Quinn T, Brookmeyer R, Eshleman S. A Comparison of Two Measures of HIV Diversity in Multi-Assay Algorithms for HIV Incidence Estimation. PLoS ONE 9(6) e101043, 2014.

Laeyendecker O and Brookmeyer R. Response to using incidence assays within the context of the recent infections testing algorithm, correspondence. AIDS 28 (14), 2168, 2014.

Brookmeyer R, Boren D, Baral S, Bekker LB, Phaswana-Mafuya N, Beyrer C, Sullivan P. Combination HIV Prevention among MSM in South Africa: Results from Agent Based Modeling. PLoS ONE 29(11):e112668. doi:10.1371/journal.pone.01126682014, 2014.

Huynh D, Laeyendecker O, Brookmeyer R. A Serial Risk Score Approach to Disease Classification that Accounts for Accuracy and Cost. Biometrics 70: 1042–1051. doi: 10.1111/biom.12217, 2014.

Laeyendecker O, Brookmeyer R, Cousins M, Mullis C, Konikoff J, Donnell D, Celum C, Buchbinder S, Seage G, Kirk G, Mehta S, Astemborski J, Jacobson L, Margolick J, Brown J, Quinn T, Eshleman S. HIV Incidence Determination in Clade B Epidemics: A Multi-Assay Approach. Journal of Infectious Diseases 207:232-239, 2013.

Eshleman SH, Hughes JP, Laeyendecker O, Wang J, Brookmeyer R, Johnson-Lewis L, *et al.* Use of a Multifaceted Approach to Analyze HIV incidence in a Cohort Study of Women in the United States: HIV Prevention Trials Network 064 Study. Journal of Infectious Diseases 207:223-231, 2013.

Brookmeyer R, Konikoff, J, Laeyendecker O, Eshleman S. HIV Incidence Estimation Using Multiple Biomarkers. American Journal of Epidemiology 177(3):264-272, 2013.

McGready J, Brookmeyer R. Evaluation of Student Outcomes in Online vs. Campus Biostatistics Education in a Graduate School of Public Health. Preventive Medicine 56: 142-144, 2013.

Wendel, SK, Mullis, CE, Eshleman, SH, Blankson, JN, Moore, RD, Keruly, JC, Brookmeyer R, Quinn T, & Laeyendecker, O. Effect of Natural and ARV-Induced Viral Suppression and Viral Breakthrough on Anti-HIV Antibody Proportion and Avidity in Patients with HIV-1 Subtype B Infection. PLoS ONE 8(2): e55525, 2013

Brookmeyer, R, Laeyendecker, O, Donnell, D, & Eshleman, SH. Cross-Sectional HIV Incidence Estimation in HIV Prevention Research. Journal of Acquired Immune Deficiency Syndromes 63: S233-S239, 2013.

Mullis CE, Munshaw S, Grabowski M, Eshleman S, Serwadda D, Brookmeyer R, Nalugoda F, Kigozi G, Kagaayi J, Tobian A, Wawer M, Gray R, Quinn T, and Laeyendecker O. Differential Specificity of HIV Incidence Assays in HIV Subtypes A and D-Infected Individuals from Rakai, Uganda. AIDS Research and Human Retroviruses 29(8): 1146-1150, 2013.

Langellier B, Garza J, Prelip M, Glik D, Brookmeyer R, Ortega AN. Corner Store Conversions: A Strategy for Reducing Overweight and Obesity in Food Deserts. Californian Journal of Health Promotion 11:1-13, 2013.

Konikoff J, Brookmeyer R, Longosz A, Cousins M, Celum C, Buchbinder S, Seage G, Kirk G, Moore R, Mehta S, Margolick J, Brown J, Mayer K, Koblin B, Justman J, Hodder S, Quinn T, Eshleman S. Performance of a Limiting-Antigen Avidity Enzyme Immunoassay for Cross-Sectional Estimation of HIV Incidence in the United States. PLoS ONE 8(12): e82772, 2013.

Laeyendecker O, Brookmeyer R, Oliver AE, Mullis CE, Eaton KP, Mueller AC, Jacobson LP, Margolick JB, Brown J, Rinaldo CR, Quinn TC, Eshleman SH. Factors Associated with Incorrect Identification of Recent HIV Infection Using The BED Capture Immunoassay. AIDS Res Human Retroviruses 28:816-822, 2012.

Langellier BA, Garza JR, Glik D, Prelip M, Brookmeyer R, Roberts C, Peters A, Ortega A. Immigration Disparities in Cardiovascular Disease Risk Factors. J Immigrant Minority Health DOI 10.1007/s10903-011-9566-2, 2012.

Beyrer C, Baral SD, Griensven F, Goodreau S, Chariyalertsak, Wirtz A, Brookmeyer R. Global Epidemiology of HIV Infection in Men Who Have Sex With Men. Lancet 380: 367-377, 2012.

Reich NG, Lessler J, Cummings DAT, Brookmeyer R. Estimating Absolute and Relative Case Fatality Ratios from Infectious Disease Surveillance Data. Biometrics 68:598-606, 2012.

Laeyendecker O, Brookmeyer R, Mullis CE, Donnell D, Lingappa J, Celum C, Baeten JM, Campbell M, Essex M, de Bruyn G, Farquhar C, Quinn TC, Eshleman SH. Specificity of Four Laboratory Approaches for Cross-Sectional HIV Incidence Determination: Analysis of Samples From Adults with Known Non-Recent HIV Infection From Five African Countries. AIDS Res Human Retroviruses 28(10):1177-83, 2012

Naylor MD, Karlawish JH, Arnold S, Khachaturian A, Khachaturian Z, Lee V, Baumgart M, Banerjee S, Beck C, Blennow K, Brookmeyer R, Brunden K, Buckwalter K et al. Advancing Alzheimer's disease diagnosis, treatment, and care: Recommendations from the Ware Invitational Summit. Alzheimer's & Dementia 8:445-452, 2012.

Balasubramanian A, Kawas C, Peltz C, Brookmeyer R, Corrada M. Alzheimer's Disease Pathology and Longitudinal Cognitive Performance in the Oldest-Old with No Dementia. Neurology 79(9):915-921, 2012.

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 & Dementia 7:1-13, 2011.

An MW, Reich N, Crawford S, Brookmeyer R, Louis T, Nelson K. A Stochastic Simulator of a Blood Product Donation Environment with Demand Spikes and Supply Shocks. PLoS ONE 6(7):c21752, 2011.

Vasunilashorn S, Gleit D, Lan CY, Brookmeyer R, Weinstein M, Goldman N. Apolipoprotein E is associated with blood lipids and inflammation in Taiwanese Older Adults. Atherosclerosis 219: 349-354, 2011.

Brookmeyer R and Konikoff J. Statistical Issues in Estimating HIV Incidence from Changes in HIV Prevalence. Statistical Communications in Infectious Diseases 3(1) article 9, 2011.

Cousins M, Laeyendecker O, Beauchamp G, Brookmeyer R, Towler W, Hudelson S, Khaki L, Koblin B, Chesney M, Moore RD, Kelen GD, Coates T, Celum C, Buchbinder S, Seage G, Quinn T, Donnell F, Eshleman SH. Use of a High Resolution Melting (HRM) Assay to Compare *Gag*, *Pol*, and *Env* Diversity in Adults with Different Stages of HIV Infection. PLoS ONE 6(11):e27211, doi:10.1371 [PMC3206918], 2011.

Corrada M, Brookmeyer R, Paganini-Hill A, Berlau D, Kawas C. Dementia Incidence Continues to Increase with Age in the Oldest Old: The 90+ Study. Annals of Neurology 67:114-121, 2010.

Brookmeyer R. Measuring the HIV/AIDS Epidemic: Approaches and Challenges. Epidemiologic Reviews 32:26-37, 2010.

Lessler, J, Brookmeyer, R, Reich, NG, Nelson, KE, Cummings, DAT, Perl, TM. 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 & 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.

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. 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.

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, Aright M. Worldwide Variation in the Doubling Time of Alzheimer's Disease Incidence Rates. Alzheimer's & Dementia 4(5): 316-323, 2008.

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 & 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 3: Issue 1, article 13, 2007.

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.

Brookmeyer R, Johnson E, Barry S. Modeling the Incubation Period of Anthrax. Statistics in Medicine 24(4):531-542, 2005.

Brookmeyer R. 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 & Dementia 1(1):11-18: 2005.

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 Programs. 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.

Bhore AV, Sastry J, Patke D, Gupte N, Bulakh PM, Lele S, Karmarkar A, Bharucha KE, Shrotri A, Pisal H, Suryawanshi 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. 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 Piegorisch 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.

Brookmeyer R and Blades N. Prevention of Inhalational Anthrax in the U.S. Outbreak. Science 295:1861, 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 Curriero FC. Survival Curve Estimation with Partial Non Random Exposure Information. Statistics in Medicine 21(8):2671-2683, 2002.

Brookmeyer R, Corrada MM, Curriero F, 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 Retroviruses 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.

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.

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.

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, Gottler 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.

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, Sweekambo 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.

Rompalo AM, Shepherd 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.

Dal Forno G, Rasmusson D, Brandt J, Carson K, Brookmeyer R, Troncoso J, Kawas 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. Brain 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.

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.

- Vlahov D and Brookmeyer R. Evaluation of Needle Exchange Programs. American Journal of Public Health 84:1889-1896, 1994.
- 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: Supp (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.
- 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.
- 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., 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 Associated 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. in 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.

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. Time and Latency Considerations in the Quantitative Assessment of Risk, Epidemiology and Health Risk Assessment. ed. Gordis, L Oxford University Press, 178-188, 1987.

Linet 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.

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.

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, 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.

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.

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