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CURRICULUM VITAE
THOMAS A. LOUIS, PhD

Address

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Education

1966 BA Dartmouth College, with honors in Mathematics
1972 PhD Columbia University, Mathematical Statistics

Principal Professional Appointments

2018- Professor Emeritus of Biostatistics, Johns Hopkins Bloomberg School of Public Health
2002-2017 Professor of Biostatistics, Johns Hopkins Bloomberg School of Public Health
2013-2015 Associate Director for Research & Methodology and Chief Scientist, U. S. Census Bureau;
via an Interagency Personnel Agreement with Johns Hopkins
2000-2002 Senior Statistical Scientist, The RAND Corporation
1987-2000 Professor of Biostatistics, U of Minnesota School of Public Health
1987-1999 Head of Biostatistics, U of Minnesota School of Public Health
1987-2000 Professor, U of Minnesota School of Statistics
1979-1987 Associate Professor of Biostatistics, Harvard School of Public Health
1973-1979 Assistant Professor of Mathematics, Boston University
1972-1973 NIH Postdoctoral Fellow, Mathematics, Imperial College, London
1971-1972 Lecturer, Department of Mathematical Statistics, Columbia U
1970-1971 Consultant, IBM Thomas J. Watson Research Lab., Yorktown Heights, NY
1966-1967 Actuarial Trainee, Chubb and Son, New York

Other Professional Appointments

2018-2020 Expert Statistical Consultant, Center for Drug Evaluation & Research,
Food & Drug Administration
2018- Affiliate Professor of Statistics, George Mason University
2016- Affiliated member, The Johns Hopkins Spatial Science for Public Health Center
2016 Distinguished Senior Research Fellow, U. S. Census Bureau
2012-2016 Core faculty member, Johns Hopkins Armstrong Institute for Patient Safety and Quality
2011 "Summer at Census" Scholar
2001-2003 Adjunct Professor, Epidemiology & Biostatistics, George Washington U
2000-2002 Adjunct Professor, Biostatistics, Johns Hopkins Bloomberg SPH
1999 Visiting Scholar, Committee on National Statistics, National Academy of Sciences
1995-1996 Visiting Professor, Afdeling Medische Statistiek, U of Leiden, NL
1994-2000 Member, U of Minnesota Cancer Center
1991-1998 Adjunct Associate, Hubert H. Humphrey Inst. of Public Affairs, U of Minnesota
1991-1996 Adjunct Professor, Biostatistics, Emory University School of Public Health
1988 Visiting Professor, Tongji Medical U, Wuhan People's Republic of China
1986 Visiting Scientist, Center for Mathematics and Computer Science, Amsterdam NL
1984 Visiting Professor, Biostatistics, U of North Carolina, Summer Term
1979-1981 Director, Biostatistics Consulting Laboratory, Harvard School of Public Health
1974-1979 Consultant, Boston University Medical School

Other Professional Appointments (continued)

- 1974-1979 Member, Boston University Cancer Center
 1969-1970 Summer Employee, IBM T. J. Watson Research Lab., Yorktown Heights, NY

HONORS AND AWARDS

- 1967-1971 Fellow of the Faculty, Columbia University
 1985 Elected member, International Statistical Institute
 1988 Fellow of the American Statistical Association (ASA)
 1988 Delta Omega Honorary Public Health Society
 1991-1993 President-elect, president, past; Intl. Biometric Soc., Eastern North American Region (ENAR)
 1996 Fellow of the American Association for the Advancement of Science (AAAS)
 2003 ENAR President's Invited Address, "Aids to Statistical Navigation"
 2005-2008 President-elect, President, Past-president; International Biometric Society
 2010-2013 Chair-elect, Chair, Retiring Chair, AAAS Statistics Section (U)
 2014 Charles L. Odoroff Memorial Lectureship, University of Rochester
 2016 Honorary Life Member, International Biometric Society
 2016 National Associate of the National Research Council
 2017 Fellow of the Institute of Mathematical Statistics
 2018 Doctor Honoris Causa, Hasselt University, Belgium
 2025 31st Pfizer/ASA/UCONN Distinguished Statistician Award & Colloquium
 2026 U of Wisconsin, 2026 DeMets Lecturer

PROFESSIONAL ACTIVITIES**Memberships**

- American Association for the Advancement of Science
 American Association of Public Opinion Research (inactive)
 American Statistical Association
 Institute of Mathematical Statistics
 International Biometric Society
 International Statistical Institute
 Royal Statistical Society

Editorial

- 2018 Associate Editor, special issue of *The American Statistician* on statistical inference
 2011-2025 Editorial Committee, *Annual Review of Statistics and Its Application*
 Associate Editor 2017-2025
 2009-2011 Co-editor, *Biometrics*
 2006-2008 Coordinator, IBS Prose Editing Project
 2004-2008 Editorial Board, *Biostatistics*
 2003-2008 Editorial Board, *Clinical Trials*
 2002-2002 Co-editor, Formula Funds Allocation special issue, *Journal of Official Statistics*
 2001-2003 Editor & coordinating editor, *J. Am. Statist. Assoc., Applications and Case Studies*
 1999-2002 Editorial Board, *Applied Stochastic Models in Business and Industry*
 1999-2000 Associate Editor, *Controlled Clinical Trials*
 1998-2000 Associate Editor, *Statistical Science*
 1997-2018 Editorial Board, Chapman&Hall Series on Statistics and Applied Probability
 1996-1999 Associate Editor, *statistica neerlandica*
 1992-1998 Co-Editor, *Chance*
 1993-1995 Editorial Board, *ASA-SIAM Series on Statistics and Applied Probability*
 1989-1994 Editorial Board, *Statistics in Medicine*
 1988-1991 Associate Editor, *JASA Theory and Methods*
 1972-2024 Refereeing for statistical, biomedical, epidemiologic and environmental journals

Professional Organization Administration & Other Service

- 2024 Nominee Search Committee for the D. R. Cox Medal
- 2023-2024 IBS/ENAR Management Firm Search Committee (chair in 2024)
- 2016-2017 Search Committee, *Biometrics* Executive Editor
- 2011-2013 Chair-elect, chair, past chair, AAAS Section-U, Statistics
- 2010-2012 Local Organizing Committee, IBS International Biometric Conference, Kobe Japan, 2012
- 2009-2015 IBS Editorial Advisory Committee
- 2009-2010 Chair, International Biometric Society, Council of Presidents
- 2009-2010 IBS/ENAR Nominations Committee
- 2008 Outgoing vice-President, International Biometric Society
- 2007 Organizing & Scientific Programme Committee,
East Asia Regional Biometric Conference, Tokyo
- 2006-2007 President, International Biometric Society
- 2005-2006 IBS/ENAR Nominations Committee
- 2005 Incoming vice-President, International Biometric Society
- 2004 Executive Committee, ASA Section on Bayesian Statistical Science
- 2002-2003 Chair-elect/chair, ASA Section on Bayesian Statistical Science
- 2002 Member, ENAR Educational Advisory Committee
- 2002 Associate Director, Search Committee, National Institute of Statistical Sciences
- 2002 Chair, Nomination Committee, National Institute of Statistical Sciences
- 2000-2001 Program Committee, Year 2001 International Statistical Institute Conference
- 2001-2002 Program Committee, Year 2002 Intl. Epidemiologic Association Conference
- 2001 ASA-IMS Task Force to select statistical reviewers for Science
- 2001 ENAR management review
- 2000-2001 ENAR Nominating Committee
- 2000-2005 Member, ASA Scientific and Public Affairs Advisory Committee
- 2000-2002 Executive Committee, National Institute of Statistical Sciences
- 1999-2000 Program Committee, Year 2000 International Biometric Conference
- 1998-2000 ENAR Liaison to the ASA
- 1998 ENAR management review
- 1997-2002 Trustee, National Institute of Statistical Sciences (NISS)
- 1997-1989 Chair, Fellow Selection Committee, International Biometric Society
- 1997 ASA search Committee for new *Chance* editor
- 1994-1997 Council, International Biometric Society
- 1993-1996 IMS, Committee on Scientific Policy
- 1993-1996 AAAS Electorate Nominating Committee
- 1993 Chair, ASA Editor search Committee, *JASA Applications and Case Studies*
- 1993 Chair, ASA Sub-committee to Evaluate Health Science Journal Options
- 1993 Steering Committee, Research Synthesis: Social Science Informing Public Policy
- 1992 Nominating Committee, JASA book review editor
- 1992 President, Biometric Society, ENAR
- 1991-1993 Executive Committee, Biometric Society ENAR
- 1991-1992 Committee of Presidents of Statistical Societies
- 1991 Advisory Board, NISS
- 1988 Program Chair, Intl. Biometrics Society-ENAR Spring Meeting, Boston MA
- 1988 Regional Committee, Biometric Society ENAR
- 1978-1978 Co-program chair, Intl. Biometrics Society-ENAR Spring Meeting, Chapel Hill, NC
- 1976-1976 Local arrangements Committee 9th Intl. Biometric Conference, Boston, MA
- 1976-1986 Program Committee, Boston Chapter, ASA

Advisory

- 2025- DSMB, REPEAT-AF Clinical Trial
- 2025- DSMB, CarvTop-ICD Clinical Trial
- 2024- Conrad Taeuber federal statistics discussion group
- 2023- Scientific Advisory Board, ASA/George Mason University project:
Assessing the Health of the Principal Federal Statistical Agencies
- 2015- Technical Advisory Group, Developing Excellence in Leadership Training and Science Training,
Sub-Saharan Africa Consortium for Advanced Biostatistics Training
- 2022-2023 Advisory board, HEARTS study in Bangladesh
- 2021-2026 Data and Safety Monitoring Board, Acute to Chronic Pain Signatures (A2CPS) Program
- 2021-2023 National Academies' Panel to Evaluate the Quality of the 2020 Census
- 2017-2022 Chair, NIDDK DSMB for the ARMMS-T2D study (Alliance of Randomized
Trials of Medicine vs Metabolic Surgery in Type 2 Diabetes)
- 2020-2021 American Statistical Assoc., 2020 Census Quality Indicators Task Force
- 2020-2021 Expert declaration and evaluations in support of case no. 20-CV-5799-LHK,
U. S. District Court for the Northern District of California, San Jose Division:
National Urban League, et al. v. Wilbur L. Ross, JR., et al.
- 2016-2021 DSMB, Minnesota Hearth Health Program-Aspirin Study
- 2020 Chair, Visiting Panel, Joint Program in Survey Methodology, U Maryland & Michigan
- 2016-2020 International Advisory Board, Interuniversity Institute of Biostatistics
and Statistical of Hasselt & Leuven, Belgium
- 1985-2020 Report Review, The National Academies
- 1975-2020 Proposal review, NSF, NIH and other funding agencies
- 2017-2020 Advisory Committee, U of Michigan Institute for Social Research,
Educational Program on Responsive Survey Design for Efficient Survey Data Collection
- 2017-2020 DSMB, NHLBI; Junctional AV Ablation for Permanent Atrial Fibrillation
in Patients Undergoing Cardiac Resynchronization Therapy
- 2016-2020 DSMB, Bristol-Myers Squibb; gastric, lung, and renal cancer trials
- 2015-2018 CMS Technical Expert Panel: Hospital Inpatient and Outpatient Process
and Structural Measure Development and Maintenance
- 2019 Review coordinator, NAS workshop: Using Models to Estimate Hog and Pig Inventories
- 2019 Review of the Biostatistics Department, University of Miami
- 2011-2018 Scientific Advisory Board, NIEHS Gulf Long-term Follow-Up (GuLF) Study
- 2018 Tri-society (American Statistical Assn., American Sociological Assn.,
Population Assn. of America) group that prepared amicus briefs supporting the lawsuits in,
New York, California, and the Supreme Court to block including a citizenship question
on the 2020 census
- 2018 National Academies; National Investment Modeling expert Panel
- 2016 Panelist, FDA workshop on, Facilitating Antibacterial Drug Development for Patients
with Unmet Need and Developing Antibacterial Drugs That Target a Single Species
- 2016 Chair, external advisory board of the Department of Public Health
and Primary Care, Leuven, Belgium
- 2016 NAS/CNSTAT Expert meetings on Improving the Relevance of Federal Statistics
- 2016 NIDDK Expert Evaluation Committee of the Alliance of Randomized Trials
of Medicine versus Metabolic Surgery in Type 2 Diabetes (ARMMS-T2D) study
- 2015-2016 Advisory Board, Center for Survey Statistics and Methodology, Iowa State U
- 2015-2016 PCORI/CTAP Post-Award Expert Advisory Subcommittee
- 2015 Health Effects Institute (HEI) ad hoc Review Panel
- 2015 Clinical Trial Review Panel, NIH/NIDCD, Deafness and Communication Disorders
for trial design and analysis in anti-bacterial drug development

Advisory (continued)

- 2014 PCORI Methodology Consultation Review Panel
- 2014-2015 NIA-sponsored NAS meetings on observational studies and causal inference
- 2013-2014 Panel on Hospital Performance Measure Testing, Mathematica
- 2012-2020 External Evaluation Committee, Type 1 Diabetes TrialNet
- 2012-2014 DSMB, Bangladesh Complementary Food Supplementation Trial
- 2012 Review of the University of Wisconsin, Biostatistics Training Grant Program
- 2011-2013 DSMB, Triple re-uptake inhibitor for the treatment of major depressive disorder (BMS)
- 2009-2013 External Expert Panel for the Hemodialysis Fistula Maturation Cohort Study
- 2007-2012 Board of Scientific Counselors, NIH-National Institute of Environmental Health Sciences
- 2006-2011 Scientific Advisory Committee, EPA/Harvard Center on Ambient Particle Health Effects
- 2004-2012 DSMB, Right Ventricular Pacing Study (Medtronic)
- 2011 Chair, Committee of Presidents of Statistical Societies, Committee on Methods for Hospital-specific estimates of quality of care
- 2011 Census Bureau, "Summer at Census" visiting scholar
- 2011 *Ad hoc*, Tenure Review Committee, Columbia University
- 2010-2011 ASA/NISS Panel on ranking graduate programs
- 2010-2011 EPA Science Advisory Board Panel to review draft lead dust technical analyses
- 2010 Nat. Inst. Statist. Sci., Workshop on Assessing the Quality of Graduate Programs
- 2010 Chair, Steering Committee, National Academies workshop on Facilitating Innovation in the Federal Statistical System
- 2006-2010 DSMB, MK-0518 HIV Integrase Phase III Program (Merck)
- 2009 Working Group, the role of the NIH Biostatistical Methods and Research Design study section
- 2009 Proposal review, International Science and Technology Center in the Ukraine
- 2008 NAS Review Coordinator, "Phthalates and Cumulative Risk Assessment: The Tasks Ahead"
- 2008 Consultant, U of Wisconsin chair search, Dept. of Biostatistics and Medical Informatics
- 2007-2009 DSMB, VA Trial of Long-Acting Injectable Risperidone in the Treatment of Schizophrenia
- 2007 Review Panel, Ixabepilone for treatment of metastatic breast cancer (Bristol, Myers, Squibb)
- 2006-2009 NAS Standing Committee on Risk Analysis Issues and Reviews
- 2006-2008 DSMB, Preventing Pregnancy Malaria: Mother Infant outcomes study (NIH-NIAID)
- 2005-2008 NAS Committee on Applied and Theoretical Statistics
- 2005 Selection Committee, JASA Applications and Coordinating Editor for 2007-9
- 2004-2006 NAS Committee to Review the Effects of Changes in EPA's New Source Review Programs for Stationary Sources of Air Pollutants
- 2004 *Ad hoc* consultant, Board of Scientific Councilors review of the NIEHS Biostatistics Branch
- 2004 NIH Clinical Infectious Diseases and Microbiology, Research & Field Studies Special Study Section
- 2003-2004 Advisor, masters program in Biometrics, UMDNJ
- 2003-2004 Drinking Water Committee, EPA Science Advisory Board
- 2003 Input to IOM report, "Measuring What Matters: Allocation, Planning, and Quality Assessment for the Ryan White CARE Act"
- 2003 Review of the MS in Biostatistics, U of Medicine & Dentistry of NJ, SPH
- 2003 Committee to review Biostatistics at the U of Washington
- 2002-2004 NAS, Committee on use of third party toxicity research with human participants
- 2002-2003 Panel to review guidelines for thrombolysis treatment of acute ischemic stroke
- 2002 Chair, Committee to review Biostatistics at Emory U
- 2001-2008 DSMB, Dialysis Access Consortium (NIH-NIDDK)
- 2001-2002 NIH ad hoc group to promote increased funding for training in Biostatistics

Advisory (continued)

- 2001 Committee to propose a statistics editor for Science magazine
- 2001 Advisory Committee, Program in Environmental Statistics, Biostatistics, Harvard SPH
- 2001 Proposal reviewer, VA studies on Persian Gulf Illness
- 2000-2005 Health Effects Institute, Report Review Committee
- 2000-2004 Advisory Committee, Harvard Cardiac Vulnerability Related to Particulate Matter Project
- 2000-2004 Scientific Advisory Committee, EPA/Harvard Center on Ambient Particle Health Effects
- 2000-2003 Advisory Board, Center for Innovation in Clinical Research, M.D. Anderson CC
- 2000-2003 Steering Committee, United States Renal Data System
- 2000-2003 Diesel Emissions Project Committee, Health Effects Institute
- 2000-2002 Chair, NAS panel on Formula Allocation of Federal and State Program Funds
- 2000 Panelist, NIH Consensus Conference on Adjuvant Therapy for Breast Cancer
- 1999 Chair, Review Committee, Dept. of Social and Preventive Medicine, SUNY Buffalo
- 1998-2004 Chair, DSMB, Chemoprevention of Skin Cancers with DFMO Clinical Trial
- 1998 NIH Special Emphasis Panel Proposal Review
- 1997-1999 Oversight Committee, HEI, National Morbidity and Mortality Air Pollution Study
- 1997 Chair, NIAID proposal review panel, Statistical Center for the Women's Interagency Health Study
- 1997 Advisory panel, U Chicago Dept. OB/GYN, issues in stopping a clinical trial
- 1997 Review of Columbia University Biostatistics
- 1997-2003 NAS, Committee on National Statistics
- 1996-2003 Advisory Board, Institute of Medicine (IOM), Medical Follow-up Agency
- 1996-1999 NAS, Panel on Estimates of Poverty for Small Geographic Areas
- 1996 Organizational Review, U of Chicago, Department of Health Studies
- 1995 NCI site visit, Fred Hutchinson Cancer Research Center, Seattle Washington
- 1995 UCLA Visiting Committee on reorganizing statistics at the university
- 1995 Visiting Committee, Cleveland Clinic Dept. of Epidemiology and Biostatistics
- 1994-1996 IOM/MFUA Committee to Review the Health Consequences of Service during the Persian Gulf War
- 1994-1995 Reviewer, EPA Particulate Matter and Mortality Criterion Document
- 1993-1997 DSMB, Long-term outcome of Obesity Treatment in Minority Women Study
- 1991 Reviewer, NIAID/DAIDS, ACTG re-competition
- 1988-1990 AHCPH Health Care Technology Study Section
- 1987-1993 Advisory Committee for Research Synthesis, The Russell Sage Foundation
- 1984-1988 EPA Health Effects Scientific Review Panel
- 1981-1983 Advisory Committee, Kidney Transplant and Histocompatibility Study
- 1975-1983 Site visitor, National Cancer Institute

UNIVERSITY SERVICE

Johns Hopkins University (Bloomberg School of Public Health unless otherwise indicated)

- 2025 Department Finance Committee
- 2022-2023 Biostatistics Chair Search Committee
- 2019-2020 Proposal review, Support for Creative Integrated Basic and Applied Research
- 2019-2020 Biostatistics Faculty Search Committee
- 2015-2016 Biostatistics Faculty Search Committee
- 2014 Committee member, Ross/Royall Fund for Population Inference in Public Health
- 2011-2012 Chair, Biostatistics Faculty Search Committee
- 2010-2011 Search Committee for Chair of Environmental Health Sciences
- 2009-2010 Committee to review the Department of Environmental Health Sciences
- 2008-2012 SPH Committee on Academic Standards
- 2008-2009 HopkinsOne, University-wide Faculty Advisory Committee

Johns Hopkins Service (continued)

- 2008-2009 Medical School Investigative Committee
- 2008-2009 Chair, Biostatistics Faculty Search Committee
- 2007-2008 Strategic Planning Steering Committee
- 2006-2011 Advisory Committee, Environmental Health Sciences, NIEHS Training Program
- 2005-2008 SPH Advisory Board
- 2005-2008 Faculty Senate: President-elect, President, past President
- 2004-2006 Sommer Scholar selection Committee
- 2004-2005 Chair, Faculty Grievance Committee
- 2003-2008 Committee on Appointments and Promotions
- 2003-2005 Faculty Senator
- 2003-2004 Planning Committee, FDA/Johns Hopkins workshop, "Can Bayesian approaches to studying new treatments improve regulatory decision-making?"
- 2002-2012 Steering Committee, Malaria Research Institute
- 2002-2004 FDA/Hopkins Liaison Development
- 2002-2004 Biostatistics Faculty Search Screening Committee
- 2002-2003 Co-chair, Biostatistics seminar Committee

University of Minnesota School of Public Health

- 2000 Dean Search Committee, School of Public Health
- 1999-2000 Ethics Advisory Committee
- 1998-1999 President's Distinguished Faculty Mentors Program
- 1997-1998 Academic Health Center faculty research development grants review Committee
- 1996-1997 Search Committee, Health Sciences Chief Information Officer
- 1994-1998 SPH Diversity Committee
- 1994-1995 SPH Diversity Committee, Co-chair
- 1994-1995 Chair, MPH Major in Biostatistics
- 1994 Search Committee, Director, Cancer Center Registry
- 1994 Ad Hoc Committee to investigate misconduct
- 1993-1996 Faculty Advisor, Sailing Club
- 1992-1994 Chair, Search Committee, Head, Center for Environmental Health Policy, SPH
- 1992 Chair, Biostatistician Search Committee, General Clinical Research Center
- 1991 Search Committee, Population Sciences faculty, Humphrey Institute
- 1990-1999 SPH Space Committee
- 1990-1990 Search Committee, SPH Dean
- 1989-1990 Chair, Search Committee, Head of Epidemiology, SPH
- 1988-1993 Academic Advisory Committee, Center for Biomedical Ethics (chair, 1988-1990)
- 1987-2000 Advisory Committee, General Clinical Research Center
- 1987-1999 SPH Policy Council

Harvard School of Public Health

- 1980-1984 Qualifying examination Committee
- 1980-1981 Institutional Review Board

COMMUNITY SERVICE

- 2025- Martingham Watershed Committee
- 2018- Volunteer, Chesapeake Bay Maritime Museum, St. Michaels MD
- 2020-2023 Board of Governors, Miles River Yacht Club, St. Michaels MD
- 2017-2024 Martingham Architecture Review Committee, St. Michaels MD
- 1999-2000 Treasurer, Lake Harriet Yacht Club, Minneapolis MN
- 1995 Faculty Member, National Breast Cancer Coalition, Project LEAD
- 1992-1995 Institutional Review Board, Allina Health System, Minneapolis, MN
- 1984 Co-chair, School Enrollment Projection & Reorganization Committee, Lexington MA
- 1975-1978 Faculty, Norfolk Prison Education Program, Norfolk MA

EDUCATIONAL ACTIVITIES

Courses: Probability theory, Statistical theory, Sequential analysis, Analysis of longitudinal data, Hierarchical models, Bayesian methods, Survey methods, Multivariate analysis, Discrete data, Robust methods, Screening and bioassay, Exploratory data analysis.

Research Advising: Principal or co-advisor for Biostatistics doctoral and masters students. Member of doctoral and masters Committees in Statistics, Biostatistics, Epidemiology, Environmental Health, Health Services, and Microbiology.

PRESENTATIONS: Over 500 (visit my webpage)

PUBLICATIONS

(Peer reviewed journal articles & books, Software, Peer reviewed journal discussions, Monographs, Book chapters, Proceedings, Book reviews, Letters & Columns)

Peer reviewed journal articles & books

1. Flehinger BJ, Louis TA (1971). Sequential treatment allocation in clinical trials. *Biometrika*, 58: 419-426.
2. Flehinger BJ, Louis TA (1972). Sequential medical trials with data-dependent treatment allocation. *Proc. Sixth Berkeley Symposium*, 4: 43-52.
3. Flehinger BJ, Louis TA, Robbins H, Singer B (1972). Reducing the number of inferior treatments in clinical trials. *Proc. Nat. Acad. of Sci. US*, 69: 2993-94.
4. Hsi BP, Louis TA (1975). A modified play-the-winner rule for sequential trials. *J. Am. Statist. Assoc.*, 70: 644-647.
5. Louis TA (1975). Optimal allocation in sequential tests comparing the means of two Gaussian populations. *Biometrika*, 62: 359-369.
6. Louis TA (1977). Sequential allocation in clinical trials comparing two exponential survival curves. *Biometrics*, 33: 627-634.
7. Albert A, Gertman P, Louis TA (1978). Screening for the early detection of cancer I: The temporal natural history of a progressive disease state. *Mathematical Biosciences*, 40: 1-59.
8. Albert A, German P, Louis TA, Liu S (1978). Screening for the early detection of cancer II: The impact of screening on the natural history of disease. *Mathematical Biosciences*, 40: 61-109.
9. Louis TA, Albert A, Heghinian S (1978). Screening for the early detection of cancer III: Estimation of disease natural history. *Mathematical Biosciences*, 40: 111-144.
10. Louis TA (1981). Confidence intervals for a binomial parameter after observing no successes. *The American Statistician*, 35: 154.
11. Louis TA (1981). Nonparametric analysis of an accelerated failure time model. *Biometrika*, 68: 381-390.

12. Russell R et al. (1981). Unstable angina pectoris national cooperative study group to compare medical and surgical therapy IV: Results in patients with left anterior descending disease. *Am. J. Cardiology*, 48: 517-524.
13. Laird NM, Louis TA (1982). Approximate posterior distributions for incomplete data problems. *J. Roy. Statist. Soc. Ser. B*, 44: 190-200.
14. Louis TA (1982). Finding the observed information using the EM algorithm. *J. Roy. Statist. Soc. Ser. B*, 44: 226-233.
15. Louis TA, Mosteller FM, McPeck B (1982). Timely topics in statistical methods for clinical trials. *Ann. Rev. Biophys. & Bioeng.*, 11: 81-104.
16. Shapiro SH and Louis TA, eds. (1983). *Clinical Trials: Issues and Approaches*. Marcel Dekker, New York.
17. Louis TA, Shapiro SH (1983). Critical issues in the conduct and interpretation of clinical trials. *Ann. Rev. Public Health*, 4: 25-46.
18. Eisen EA, Wegman DE, Louis TA (1983). Effects of selection in a prospective study of forced expiratory volume in Vermont granite workers. *Am. Rev. Respir. Disease*, 128: 587-591.
19. Lavori P, Louis TA, Bailar JC, Polansky M (1983). Designs for clinical experiments: Parallel comparisons of treatment. *N. Engl. J. Med.*, 309: 1291-1298.
20. Louis TA (1983). Statistics in laboratory studies. *Lab Animal*, 12: 17-25.
21. Ware JH, Louis TA (1983). Statistical problems in environmental research. *Can. J. Statist.*, 11: 51-70.
22. Bailar JC, Louis TA, Lavori P, Polansky M (1984). Designs for clinical experiments: Studies without internal controls. *N. Engl. J. Med.*, 311: 156-162.
23. Eisen EA, Smith TA, Wegman DE, Louis TA, Froines J (1984). Estimation of long-term dust exposures in the Vermont granite sheds. *J. Am. Indust. Hygiene Assoc.*, 45: 89-94.
24. Louis TA (1984). Estimating a population of parameter values using Bayes and empirical Bayes methods. *J. Am. Statist. Assoc.*, 78: 393-398.
25. Louis TA, Lavori P, Bailar JC, Polansky M (1984). Crossover and self-controlled designs in clinical research. *N. Engl. J. Med.*, 310: 24-31.
26. Moses L, Louis TA (1984). Statistical consulting in clinical research: The two-way street. *Statist. in Med.*, 3: 1-5.
27. Bailar JC, Louis TA, Lavori P, Polansky M (1984). A classification for biomedical research reports. *N. Engl. J. Med.*, 311: 1482-1487.
28. Louis TA, Fineberg HV, Mosteller F (1985). Findings for public health from meta-analyses. *Ann. Rev. Pub. Health*, 6: 1-20.
29. Palmer RJ, Louis TA, Hsu LN, Peterson HF, Rothrock JK, Strain R, Thompson M, Wright EA (1985). A randomized controlled trial of quality assurance in sixteen ambulatory care practices. *Medical Care*, 23: 751-770.
30. Louis TA, Bouffieux C, Tazaki H, Acosta-Otero A, Khoury S, Kopp J, Mazeman E, Obata K, Tagnon H, Wittes RE (1986). Policy on monitoring and reporting results. *Prog. Clin. Biol. Res.*, 221: 33-48.
31. Louis TA, Robins J, Dockery DW, Spiro R, Ware JH (1986). Explaining discrepancies between longitudinal and cross-sectional models. *J. Chron. Diseases*, 39: 831-839.
32. Laird NM, Louis TA (1987). Empirical Bayes confidence intervals based on bootstrap samples (with discussion). *J. Am. Statist. Assoc.*, 82: 739-757.
33. Louis TA (1988). General methods for analyzing repeated measures. *Statistics in Medicine*, 7: 29-45.
34. DeGruttola V, Ware JH, Louis TA (1987). Influence analysis on generalized least squares estimators. *J. Am. Statist. Assoc.*, 82: 911-917.

35. Knuiman MW, Laird NM, Louis TA (1987). Inter-laboratory variability in Ames assay results. *Mutation Research*, 180: 171-182.
36. Dockery DW, Speizer FF, Ferris BG Jr., Ware JH, Louis TA, Spiro A III (1988). Cumulative and reversible effects of lifetime smoking on simple tests of lung function in adults. *Am. Rev. Respir. Disease*, 137: 286-292.
37. Lagakos SW, Louis TA (1988). Use of tumor lethality to interpret carcinogenicity experiments lacking information on cause of death. *J. Roy. Statist. Soc. Ser. C*, 37: 169-179.
38. Manu P, Louis TA, Lane TJ, Gottlieb L, Engel P, Rippey RM (1988). Unfavourable outcomes of drug therapy: Subjective probability versus confidence intervals. *J. Clin. Pharm. and Therapeutics*, 13: 213-217.
39. Louis TA (1989). Analysis of a random sample of two-year carcinogen bioassays from the NCI data-base. *Fund. and Appl. Toxicology*, 12: 222-231.
40. Laird NM, Louis TA (1989). Bayes and empirical Bayes ranking methods. *J. Educational Statistics*, 14: 29-46.
41. Laird NM, Louis TA (1989). Empirical Bayes confidence intervals for a series of related experiments. *Biometrics*, 45: 481-495.
42. Berlin JA, Begg CB, Louis TA (1989). An assessment of publication bias using a sample of published clinical trials. *J. Am. Statist. Assoc.*, 84: 381-392.
43. Louis TA, Bailey JK (1990). Controlling error rates using prior information and marginal totals to select tumor sites. *J. Statistical Planning & Inference*, 24: 297-316.
44. Stryker WS, Stampfer MJ, Stein EA, Kaplan L, Louis TA, Sober A, Willett WC (1990). Diet, plasma levels of beta carotene and alpha tocopherol and risk of malignant melanoma. *Am. J. Epidemiology*, 131: 597-611.
45. Hall JA, Palmer RH, Orav EJ, Hargraves JL, Wright EA, Louis TA (1990). Performance quality, gender, and professional role: A study of physicians and non-physicians in 16 ambulatory care practices. *Medical Care*, 28: 489-501.
46. Ware JH, Dockery DW, Louis TA, Xu X, Ferris BG, Speizer FE (1990). Longitudinal and cross-sectional estimates of pulmonary function decline in never-smoking adults. *Am. J. Epidemiology*, 132: 685-700.
47. Laird NM, Louis TA (1991). Smoothing the non-parametric estimate of a prior distribution by roughening: An empirical study. *Comput. Statist. and Data Analysis*, 12: 27-38.
48. Louis TA (1991). Using empirical Bayes methods in Biopharmaceutical Research (with discussion). *Statistics in Medicine*, 10: 811-829.
49. Louis TA (1991). Assessing, accommodating, and interpreting the influences of heterogeneity. *Environmental Health Perspectives*, 90: 215-222.
50. Orav EJ, Louis TA, Palmer RH (1991). Variance components and their implications for statistical information in medical data. *Statistics in Medicine*, 10: 599-616.
51. Boulton C, Kane RL, Louis TA, Ibrahim JG (1991). Forecasting the number of future disabled elderly using Markovian and mathematical models. *J. Clinical Epidemiol.*, 44: 973-98.
52. Anderson JE, Louis TA, Holm NV (1992). Time dependent association measures for bivariate survival distributions. *J. Am. Statist. Assoc.*, 87: 641-650.
53. Butler SM, Louis TA (1992). Random effects models with non-parametric priors. *Statistics in Medicine*, 11: 1981-2000.
54. Mangione TW, Fowler FJ Jr., Louis TA (1992). Question characteristics and interviewer effects. *J. Official Statistics*, 8: 293-307.
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http://www.huffingtonpost.com/rod-little/decennial-census_b_3046611.html?utm_hp_ref=science
361. Louis TA (2013). Statistics Matter.
<http://researchmatters.blogs.census.gov/2013/05/30/statistics-matter/>
362. Comment regarding mobile phone data for population counts,
<http://news.sciencemag.org/math/2014/10/taking-census-cellphones?rss=1>
363. Comment regarding addition of a Deputy Director for data to the U. S. Census Bureau,
<https://www.sciencemag.org/news/2020/08/will-2020-census-numbers-be-good-enough-and-how-soon-will-we-know>.
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<https://facultyfactory.org/career-and-time-management-advice-with-thomas-a-louis-phd>.
368. Louis TA (2024). Simple and Effective Publishing Advice for Faculty. Page 19 in, *The Academic Medicine Starter Kit: Timeless tips & guidance for early-career faculty members*. Faculty Factory interview with Kimberly A. Skarupski;
<https://facultyfactory.org/publishing-advice/>.

TALKS AND SESSION PARTICIPATION: 1968–present

May 11, 2026

Accounting is exact, 2004–present, 1968–2003 total is ≈ 290

Overall total = 521 (= 290 + 231)

1968–2003

Estimates total 290

- 1968–1971: ≈ 10
- 1972–1973: ≈ 10
- 1974–2003: $\approx 270 = 30 \times 9$

2004

1. "Publishing without Perishing," ENAR Young Investigators Conference, Pittsburgh, PA.
2. "Communicating Uncertainty in a Policy Context," ENAR Roundtable Luncheon, Pittsburgh, PA.
3. "Performance of Bayes ranking methods." U Chicago Departments of Statistics and of Health Studies, joint seminar.
4. "A Bayesian Primer," FDA/Hopkins Conference, Can Bayesian approaches to studying new treatments improve regulatory decision-making? Bethesda MD.
5. Organizer and chair of the JASA Applications and Case Studies invited session: "Calibrated Probabilistic Mesoscale weather field forecasting: The geostatistical output perturbation (GOP) method."
6. "Spatial association between speciated fine particles and human health effect," discussant of Biostatistics Grand Rounds presented by Montserrat Fuentes and John Vandenberg.
7. "The future of statistics and biostatistics." Department of Biostatistics, Emory University, 40th anniversary celebration.
8. "Use of Instrumental Variables in analyzing the cardio-pulmonary complications of HAART. Oversight Committee of the studies evaluating the metabolic complications of HAART.
9. "Performance of optimal Bayesian Ranking Methods." Department of Statistics, Columbia University.
10. "Bayesian Melding." MIDAS network meeting

2005

11. "The Weighting Game," (with Ciprian), JHBSPH Wall of Wonder presentation
12. "From Bayes to Beaujolais: The Joys of John Rolph," Better Policy through Statistics, Conference in honor of John Rolph's 65th birthday, Irvine CA
13. "The effectiveness of t-PA in treating acute ischemic stroke: clinical, statistical and policy issues," Grand Rounds, Johns Hopkins Bloomberg SPH Public Health
14. "Statistical Commentary on clinical trials design," NIDDK Workshop on statistical design issues in the development of type 1 diabetes TrialNet clinical trials
15. "Bayesian Ranking Methods with applications to Disease Mapping," Session on Risk ranking and disease mapping, ENAR
16. Guest lecture, on Bayesian Methods in, 223.670.01 Infectious Disease Dynamics: Theoretical and Computational Approaches

17. "The effectiveness of t-PA in treating acute ischemic stroke: clinical, statistical and policy issues," JHU Department of Emergency Medicine
18. Chair of session, Bayesian Design and Analysis in Medical Devices, JSM Minneapolis
19. "Clinical Trial Conduct and Monitoring: Ethical, Logistical and Regulatory Issues," pre-conference workshop, IBS Indian Region, Bangalore, India Bangalore, India
20. "Random effects and GEE models for measured and discrete data: model choice and interpretation, efficiency and robustness, missing data issues," pre-conference workshop, IBS Indian Region, Bangalore, India
21. "Aids to statistical navigation," Keynote address, IBS Indian Region Conference, Bangalore, India
22. "Our future as history," plenary address, IBS Indian Region Conference , Bangalore, India
23. "The effectiveness of t-PA in treating acute ischemic stroke: clinical, statistical and policy issues," JHU Center for Clinical Trials seminar series.
24. "Bayesian analysis of the 1918 Flue epidemic in Baltimore," MIDAS group meeting, @JHU
25. "The Jackknife, a trusty statistical tool for slicing and dicing data," SPH Wall of Wonder

2006

26. "How to get promoted, by really trying," ENAR Young Researcher's conference, Tampa, FL
27. Bayes Methods, two-day short course, NICHD Epidemiology Branch
28. Census Workshop Exploring Possible Development of One Set of Integrated Income and Poverty Estimates, participant
29. Bayesian modeling of the 1918 Baltimore flu epidemic, Workshop on Behavioral Epidemiology, Seattle, WA
30. Bayes Methods, one day short course, IBS/IBC2006, Montreal Canada
31. "Our future as history," Presidential Address, IBS International Biometric Conference, Montreal Canada
32. Harvard, EPA Particle Center Advisory Board, Boston MA
33. Chair, Panel on Emerging Statistical Issues in Observational Studies, Conference in Honor of Norman Breslow, Seattle.
34. Bayes Methods one day short course, JSM2006, Seattle
35. Discussant, "Recent Advances in Design and Analysis of Vaccine Studies," JSM2006, Seattle
36. "Optimal Bayesian Ranking Methods." National Institute for Agricultural Research, Quantitative & Applied Genetics Group of Statistical Genetics, Paris France
37. "Bayesian modeling of the 1918 Baltimore flu epidemic." INSERM, Paris.
38. Reminiscences of Fred, Event celebrating Fred Mosteller's life, Cambridge MA

2007

39. Johnson & Johnson shortcourse on Bayesian Adaptive Design
40. Panelist, "C. Frederick Mosteller: Biostatistical Scientist, Educator - Mentor" ENAR invited session, Atlanta GA.
41. Panelist, "Role of Biostatisticians in Policy Issues" ENAR invited session, Atlanta GA.
42. "Bayes and Clinical Trials" U Penn Clinical Trials Course lecture
43. "Optimal Bayesian Ranking Methods," Division of Biostatistics, University of Maryland Greenbaum Cancer Center
44. "Bayesian Analysis of the 1918 Influenza Pandemic in Baltimore, MD and Newark NJ" University of Minnesota, Division of Biostatistics

45. IBS Channel Network greetings talk
46. Committee on Risk Analysis Issues and Reviews, Panel on Uncertainty in Mouse to Man Extrapolations
47. Panelist, Bristol, Myers, Squibb; Mock FDA panel to review the effectiveness and efficacy of Ixabepilone for treatment of metastatic breast cancer
48. "Performance of Optimal Bayesian Ranking Methods," Sao Paulo University in Piracicaba, Brazil.
49. One-day short course on Bayesian Methods in Practice, Brazilian Region of the IBS Annual Meeting, Santa Maria, Brazil
50. Opening Plenary Lecture "Our future as History," Brazilian Region of the IBS Annual Meeting, Santa Maria, Brazil.
51. Discussant, Uncertainty Modeling in Dose Response Workshop, Resources for the Future, Washington, DC
52. "Basic Bayes," and "Optimal Ranking," National Human Genome Research Institute, Baltimore MD
53. "Performance of Optimal Bayesian Ranking Methods," National Institute of Public Health, Tokyo, Japan.
54. Plenary Lecture, "Our future as History," East Asia Regional Biometric Conference, Tokyo, Japan.

2008

55. Working group chair, CDC/HEI Workshop on Methodologies For Environmental Public Health Tracking of Air Pollution Effects
56. Discussant, "Issues in the Current use of Bayesian Methods in Clinical Research," 2008 Bayesian Biostatistics Conference, Division of Quantitative Sciences, MD Anderson
57. Panelist, "Current Issues in Bayesian Biostatistics," 2008 Bayesian Biostatistics Conference, Division of Quantitative Sciences, MD Anderson
58. "Decision Analysis and Utilities in Clinical Research," 2008 Bayesian Biostatistics Conference, Division of Quantitative Sciences, MD Anderson
59. How to publish without perishing, Luncheon Roundtable, ENAR
60. Co-chair, workshop on Quantitative Methods for Assessing Exposure Measurement Error in Epidemiologic Studies: Implications for Environmental Hazard Identification and Risk Analysis. National Academy Standing Committee on Risk Analysis Issues and Reviews, Panel on Risk Assessment.
61. Discussant of, "Parametric bootstrap: a way to combine Bayesian and frequentist ideas." Workshop on Bayesian Methods that frequentists should know, U Maryland Statistics Consortium
62. Chair, Panel Discussion on Semi-Parametric Models. Southern Regional Council on Statistics Summer Research Conference on Modern Semi-parametric Methods in Action.
63. "Some semi-digestible remarks on semi-parametric Models." Dinner Keynote at the Southern Regional Council on Statistics Summer Research Conference on Modern Semi-parametric Methods in Action.
64. IBS/IBC, Chaired the opening and closing sessions of the conference
65. Bayesian Methods for Data Analysis, Full day short course, Joint Statistical Meetings
66. Bayesian Clinical Trials Short Course, ASA-Sponsored, FDA/Industry Conference

67. Trend Tests that Accommodate Genotyping Errors, University of Texas, Biostatistics, Invited

2009

68. "Accommodating Uncertain Genotype Calls," The Universities of Montreal, Joint Statistics Colloquium, Montreal, PQ Canada
69. "Publishing in Biostatistics: How to Publish and Flourish," Workshop for Junior Researchers, ENAR 2009, San Antonio, TX
70. "Data Sharing: An Example of Conflicting Incentives," ENAR Invited Session, San Antonio TX
71. "Accommodating Missing Data in Weight Loss Studies," Society for Clinical Trials annual meeting, Atlanta
72. Participant and moderator of the consensus panel. "NCI Workshop on methods for accounting for uncertainty in radiation risk estimation," Georgetown University
73. Planning Committee and Participant. National Academies Workshop, "Toxicity Pathway-Based Risk Assessment: Preparing for Paradigm Change"
74. Participant. "Informing the Design of Funding Allocation Formulas in Public Health." Academy Health
75. Planning Committee and Participant. National Academies Workshop, "Exposure Science in the 21st Century"
76. "How to Publish and Flourish," IMS Workshop for Young Researchers, Baltimore MD
77. JSM session
78. "Accommodating Uncertain Genotype Calls," Biennial meeting of the the sub-Saharan Region of the IBS, Nakuru Kenya
79. "Accommodating Missing Data in Weight Loss Studies," statistical presentation in the Biostatistics Grand Rounds
80. "Modeling Complex Processes," NYU School of Medicine, Medical Education Matters: A Theory Building Conference. NYU School of Medicine's Program for Medical Education, Innovations and Research

2010

81. "Why Bother with Bayes?" Keynote Address, Annual Bayesian Biostatistics Conference, M. D. Anderson.
82. Panelist, Issues in Bayesian Practice, Annual Bayesian Biostatistics Conference MD Anderson.
83. "Association Tests that Accommodate Genotyping Uncertainty," NIAID Biostatistics Research Branch
84. "Association Tests that Accommodate Genotyping Uncertainty" Invited lecture, 9th Valencia and ISBA World Meeting
85. Panelist, Session on Research Blueprint for Future Clinical Trials, 9th International Congress on Systemic Lupus Erythematosus
86. Chair, NAS workshop on Improving Research in Federal Statistical Agencies
87. Discussant, session on Instrumental Variables, JSM Vancouver
88. "Bayesian Clinical Trials: Why Bother?," NHLBI workshop, Clinical trials: past, present and future
89. "Association Tests that Accommodate Genotyping Uncertainty," Department of Mathematics, Winnipeg
90. "Why Bother with Bayes?," Department of Epi/Biostat, U Georgia SPH

91. "Reminiscences of the 1980s," Symposium in Honor of Steve Lagakos, Harvard SPH
92. Bayesian Methods, Short course, Argentinean Regional meeting in Probability and Mathematical Statistics, Santa Fe Argentina
93. "Association Tests that Accommodate Genotyping Uncertainty" Contributed paper, IBS IBC, Florianópolis, Brazil
94. Session on 25 IBCs!, IBS International Conference, Florianópolis, Brazil

20011

95. "How to Publish and Flourish" ENAR Roundtable, Miami FL
96. "Ranking and Histogram Estimation" Dept. of Epidemiology and Public Health, U of Miami
97. "Why Bother with Bayes?" Conference of Applied Statistics in Ireland, Galway Ireland
98. Panel co-Chair, Statistical Methods for Very Large Data Sets Conference
99. "Bayesian ranking, histograms and triple-goal estimates," Bureau of the Census
100. "Association tests that accommodate genotype uncertainty", Biostatistics, University of Pittsburgh
101. "Efficient Multi-Marker Tests for Association in Case-Control Studies," U Maryland conference on Risk Assessment and Evaluation of Predictions

2012

102. "What I Wish I Knew Then That I Know Now" (A career development panel discussion). The Johns Hopkins, Epidemiology and Biostatistics of Aging Research in Progress Meeting
103. "Biostatistics in Public Policy" Am. Statistic. Assoc. workshop on Statistics and Policy
104. "Bayesian Adaptive Clinical Trials" FDA course
105. "Hospital Comparisons, Issues and Approaches" National Quality Forum
106. "Hospital Comparisons, Issues and Approaches" ENAR Invited Session
107. "Navigating the Promotion Process" ENAR Roundtable
108. "Trend Tests that Accommodate Genotyping Errors" U Maryland, Baltimore County
109. "Statistics and Science: Paving the Road to a Data-informed Future" International Life Sciences Institute, North America's Food, Nutrition and Safety Program Meeting
110. FDA Workshop participant, Statistical issues in anti-bacterial drug development
111. "Provider comparisons: Identifying and meeting goals." Invited session, IBC Kobe Japan
112. Participant, NAS/CNSTAT panel to review the 2010 Census
113. Panelist, NAS workshop on the use of Science in the administrative process
114. "How to publish and flourish" Johns Hopkins Aging Center
115. " Adjustment and Stabilization: Identifying and meeting goals," Census Bureau, Demographic Statistical Methods Division distinguished seminar

2013

116. Bayes, why bother? Grand rounds, Johns Hopkins Welch Center
117. Basic Bayes, U. S. Food and Drug Administration
118. Panelist on Public/Semi-Public Data, Information Technology and Innovation Foundation, Privacy R&D workshop, Washington DC
119. Leadership and Career Development Panelist, Young Researchers' Workshop, Eastern North American Region of the International Biometric Society, Orland Florida
120. Bayes, why Bother, Keynote speech at the annual Cleveland Clinic Foundation, Ohio State University, Case Western Reserve University, Joint Biostatistics Symposium

121. Provider Comparisons: Identifying and meeting goals, Eastern Mediterranean Region of the International Biometric Society, Tel Aviv, Israel
122. Why bother with Bayes, Conference in honor of Butch Tsiatis' 65th birthday, NC State University
123. Discussion of: Recent Research on Interviewer Observations in Household Surveys, Joint Statistical Meetings, Montreal Canada
124. Modern Computational Methods for the Analysis of Survey and Census Data. Statistical and Applied Mathematical Sciences Institute (SAMSI) workshop, Research Triangle Park, NC
125. Ranking Methods that Address Specific Goals, Invited session, International Statistical Institute meeting, Hong Kong
126. Innovations in census taking for the United States in 2020, Special Topic Session, International Statistical Institute meeting, Hong Kong
127. Expanding the Role of Synthetic Data at the U.S. Census Bureau, Special Topic Session, International Statistical Institute meeting, Hong Kong
128. Research at Census, with links to Biostatistics, Georgetown Department of Biostatistics, Bioinformatics and Biomathematics
129. Panelist, Core of the Discipline: Does it Exist?, Workshop on The future of the statistical sciences, 2013 International Year of Statistics capstone event, London
130. Why Bother with Bayes?, Hexa-symposium on Biostatistics, Bioinformatics, and Epidemiology, celebrating 6 milestones for the Center of Statistics at Hasselt University
131. Research at Census, Department of Biostatistics, Columbia University

2014

132. Research at Census, Epidemiology and Biostatistics Program, National Cancer Institute (January)
133. Research at Census, Bureau of Labor Statistics (February)
134. Bayes, Why Bother?; and also a student forum on opportunities at the Census Bureau; University of Michigan Biostatistics (February)
135. Discussion of, "Regression Toward the Mean and Multi-level Modeling" by Carl Morris; Census distinguished lecture series (March)
136. Research at Census, Westat (March)
137. Finite Population Sampling, Hopkins Biostatistics symposium in honor of Alan Ross (March)
138. Research Opportunities at Census" ENAR Roundtable (March)
139. Innovation at the U.S. Census Bureau, International Forum Transforming the Statistical System in GCC Countries: Productivity and New Data Challenges (Launching event for the Statistical Centre for the Cooperation Council for the Arab Countries of the Gulf); Muscat, Oman (April)
140. Bayes, Why Bother?; and also a student forum on opportunities at the Census Bureau; Harvard Biostatistics (April)
141. CNSTAT planning meeting, Design and Analysis of Observational Studies to Enhance Their Use in Providing Causal Inference (May)
142. Research at Census, U of Rochester, Odoroff Lecture (May)
143. Why bother with Bayes?, Department of Statistics, Wharton (May)
144. Bayesian Rank, Histogram and Triple-goal estimates, plenary session on ranking at Frontiers of Hierarchical Modeling in Observational Studies, Complex Surveys and Big Data: A conference honoring Professor Malay Ghosh, U Maryland (May)
145. Bayesian Rank, Histogram and Triple-goal estimates, JSM Topic Contributed paper (August)

146. Statistics in Public Policy, JSM Roundtable (August)
147. Why Bother with Bayes?, Intl. Soc. for Clinical Biostatistics, President's Invited Address, Vienna Austria (August)
148. Healthcare Provider Comparisons: Identifying and meeting goals; celebration of a Half a century medical statistics in Leiden, Leiden NL (September)
149. Bayes, why Bother?, Census SSSNAP (social science) group
150. Participant: ABBD Statistical Issues Think Tank II to continue the discussion on innovative approaches for trial design and analysis in anti-bacterial drug development
151. Presenter, "Different Approaches for Engaging Academic Experts in Statistical Agency Research" Federal Committee on Statistical Methodology, Statistical Policy Conference
152. PCORI Methods Panel
153. Patient Centered Outcomes Research Institute (PCORI) Methodology Consultation Review Panel

2015

154. Discussant, Web Surveys, Online Panels, and Paradata: Automating Responsive Design, by Allan McCutcheon. Joint Program in Statistical Methodology, distinguished lecture series
155. Convergence of the Biostatistical and Survey Worlds, 9th Annual Probability & Statistics Day at UMBC
156. It's not all about big data, but some of it is. Columbia U, Biostatistics 75th Anniversary Keynote
157. Convergence of the Biostatistical and Survey Worlds, 50th Anniversary Symposium, Department of Epidemiology and Biostatistics, McGill University
158. Discussant, NSF Census Research Network (NCRN) session on Geographic Aspects of Statistics, NCRN workshop
159. "Why Bother with Bayes?" Veterans Administration Webinar
160. Discussant, Bayesian methods for safety monitoring, Society for Clinical Trials
161. Perils and Potentials of self-selected entry to epidemiological studies and surveys: Part II, survey focus, Royal Statistical Society Read Paper, Joint Statistical Meetings, Seattle WA
162. Panelist, Marvin Zelen Memorial Session, Joint Statistical Meetings, Seattle WA
163. Panelist, Drug Information Agency panel on Bayesian methods, Joint Statistical Meetings, Seattle WA
164. CNSTAT meeting to prepare a summary document on, "Design and Analysis of Observational Studies to Enhance Their Use in Providing Causal Inference"
165. Convergence of the Biostatistical and Survey Worlds, Symposium in honor of Bruce Turnbull's retirement, Cornell U
166. The perils and potentials of self-selected entry into epidemiological studies and surveys, Symposium in honor of Rod Little's 65th birthday, U of Michigan
167. Bayes at White Oak, Why Bother?, FDA invited presentation
168. The perils and potentials of self-selected entry into epidemiological studies and surveys, Biostatistics, U of Washington

2016

169. *Annual Review of Statistics and its Application*, Editorial Board Meeting, London UK
170. AAAS Meeting, Washington DC
171. Chair, Wrap-up panel at the Johns Hopkins Inaugural Ross-Royal Symposium on survey methods

172. "Healthcare Provider Comparisons: Identifying and meeting goals," session on Health Care Provider Evaluation, Eastern North American Region of the International Biometric Society Spring Meeting, Austin TX
173. "Family Planning Estimation Tool (FPET)," United Nations Technical Advisory Meeting, NYC
174. "The perils and potentials of self-selected entry into epidemiological studies and surveys," Fourth Makuch Distinguished Lecture in Biostatistics, UConn Statistics Department
175. "The perils and potentials of self-selected entry into epidemiological studies and surveys," Center for Improving Methods for Quantitative Policy Research, Northwestern U
176. Discussant, "Combining Information from Survey and Non-Survey Data Sources: Challenges and Opportunities," National Academies, Committee on National Statistics seminar by Sharon Lohr & Trivellore Raghunathan, Washington DC
177. "Alternative Futures for the 2030 Census," 2030 Census Visioning meeting at JASON, La Jolla CA
178. "Estimating a Population Attribute when Sample Size is Informative," Intl. Biometric Conf., Victoria BC
179. co-presenter, Norman Breslow memorial session at the Intl. Biometric Conf., Victoria BC
180. Discussant, "Advances in Statistical Methods for Dissemination and Analysis of Official Statistics," Joint Statistical Meetings, Chicago
181. Panelist, FDA workshop, "Facilitating Antibacterial Drug Development for Patients with Unmet Need and Developing Antibacterial Drugs That Target a Single Species"
182. "Small Domain Estimation: Identifying and Meeting Goals," Keynote address, SAE2016, Maastricht NL
183. Panelist on new developments in small area estimation; SAE2016, Maastricht NL.
184. "Transportation without Representation is Travesty (with apologies to James Otis, c1761)," U Michigan Biostatistics (part of the department's celebration of the schools 75th anniversary)

2017

185. *Ann. Rev. of Statistics and its Applications*, Editorial Board Meeting, Palo Alto, CA
186. AAAS Meeting, Boston MA DC
187. 'Why Bother with Bayes,' Society for Research on Educational Effectiveness (SREE), Washington DC
188. Eastern North American Region of the International Biometric Society annual meeting, Washington DC
189. Moderator, Clinical Trials Past & Future, Hemorrhagic Academia Industry (HEADS) roundtable meeting, Baltimore MD
190. 'Fostering statistical innovation in federal statistical agencies,' American Association for Public Opinion Research annual meeting, New Orleans
191. Discussion of 'The Way Forward,' NAS Committee on National Statistics Workshop on transparency and reproducibility in federal statistics
192. 'Surveys: Challenges and Opportunities,' Carnegie Mellon University workshop on using social media, web-based surveys, and conventional surveys to assess community sentiment
193. Panelist on The Future of Statistics, IMS New Researchers' Conference, Baltimore
194. Chair and co-discussant, Norm Breslow memorial Session, JSM, Baltimore
195. 'The role of expert opinion and judgment,' American Statistical Association Symposium on Statistical Inference

2018

196. 'Transportation without representation is travesty.' UCLA Biostatistics Department

197. 'Bayesian Analysis Techniques for Small Population Research.' National Academies Workshop on Improving Health Research for Small Populations
198. *Ann. Rev. of Statistics and its Applications*, Editorial Board Meeting, Paris, France
199. 'Transportation without representation is travesty.' George Mason U, Statistics Department
200. "What Should Be the Role of Expert Opinion and Judgment in Statistical Inference and Evidence-Based Decision-Making?" Chesapeake Chapter of the ASA.
201. Small Domain Estimates to Activate Section 203 of the Voting Rights Act. Hopkins Biostatistics Small Area Estimation and Spatial Statistics working group.
202. National Academies Workshop: Using science and systems to better prioritize investments toward the Sustainable Development Goals to pursue greater sustainable well-being
203. Panelist, HTE Considerations in design and analysis. FDA-JHU CERSI Symposium: Assessing and Communicating Heterogeneity of Treatment Effects for Patient Subpopulations: Challenges and Opportunities

2019

204. 'It's not all about big data, but some of it is,' Joint Statistical Meetings session on, Missing data issues in public health studies and survey sampling in the era of data science.
205. Chair, JSM session on Adaptive Survey Design.
206. 'Why Bother with Bayes?' Drug Information Agency, Bayesian Working Group, Key Opinion Leader Lecture (web-based)
207. 'It's not all about big data, but some of it is,' Plenary Address, SUSAN IBS SSACAB 2019 conference, Cape Town, SA
208. 'Adaptive Design in Surveys and Clinical Trials: Similarities, Differences, and Opportunities for Cross-Fertilization.' Keynote address, 6th Workshop in Adaptive and Responsive Survey Designs, U. S. Census Bureau

2020

209. Meeting at Census to discuss collecting citizenship data, with the ASA and PAA
210. Plenary presenter and discussant, Small Area Data Analytics Workshop, U of Maryland
211. Panelist on Bayesian Design, DIA/FDA 2020 Statistics Forum, Silver Spring MD
212. Why Bother with Bayes, JHU/ICTR
213. JHU Academy Podcasts: Publishing, Career Development
214. International Biometric Conference (remote), discussant in two contributed paper sessions
215. Interviews with *Science*, *NPR*, *Washington Post*, *WSJ* on the 2020 Census issues
216. Session organizer, Sub-Sharan Africa Consortium for Advanced Biostatistics conference
217. Presentation and closed session participation, Harvard/FDA workshop on Heterogeneity of Treatment Effects in Clinical Trials: Methods and Innovations

2021

218. 2020 Census Quality Measures, JHU SPH Census 2020 Symposium
219. Subgroups, DIA Session on Diversity in Clinical Trials
220. Web briefings on the ASA Task Force on the quality of the 2020 census: to the press, stakeholders, congress and general public

2022

- 221. Improved Small Domain Estimation via Compromise Regression Weights; Statistics Department, George Mason U
- 222. Big Data, Missing Data and Transportation, Grand Rounds SPH-UCSD
- 223. Accurate assignment of disease liability to genetic variants using only population data: Cystic Fibrosis Application; Division of Biostatistics, SPH-UCSD

2023

- 224. Examples of and advice for engagement in policy, Hopkins Biostat. first year students
- 225. Leadership in National Professional Societies—AAAS, COPSS
- 226. Retirement Issues, Hopkins Academy

2024

- 227. Statistical agency autonomy—when is it desirable? Taeuber Group
- 228. In memory of Dionne Price, FDA memorial event

2025

- 229. [Trade-offs in Statistics](#), PFIZER/ASA/UCONN 31st Distinguished Statistician Colloquium

2026

- 230. Federal Statistics: Handmaiden of Partisan Politicians or Lifeblood of Democracy? co-presenter on JSM panel, “Maintaining Reliability and Trust in National Statistics”
- 231. Title TBA, U of Wisconsin, 2026 DeMets Lecture