

Curriculum Vitae
MICHAEL A. STOTO
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EDUCATION

Harvard University: Ph.D. in Statistics, 1979; A.M. in Statistics, 1977.
Princeton University: A.B. in Statistics with High Honors, 1975.

PRIMARY EMPLOYMENT

2006-2022	Professor of Health Systems Administration and Population Health, Georgetown University School of Nursing and Health Studies (with tenure as of July 1, 2011)
2012-2013	Senior Scholar in Residence, AcademyHealth
2001-2006	Senior Statistical Scientist and Associate Director for Public Health, RAND Center for Domestic and International Health Security
1998-2001	Professor and Chair, Department of Epidemiology and Biostatistics, School of Public Health and Health Services, George Washington University (with tenure)
1997-1998	Senior Staff Officer, Institute of Medicine, National Academy of Sciences
1993-1996	Director, Division of Health Promotion and Disease Prevention, Institute of Medicine, National Academy of Sciences
1991-1992	Deputy Director, Division of Health Promotion and Disease Prevention, Institute of Medicine, National Academy of Sciences
1987-1991	Senior Staff Officer, Institute of Medicine, National Academy of Sciences
1983-1987	Associate Professor of Public Policy, J. F. Kennedy School of Government, Harvard University (on leave, 1983-1984)
1983-1984	Senior Staff Officer, Institute of Medicine, National Academy of Sciences
1979-1983	Assistant Professor of Public Policy, J. F. Kennedy School of Government, Harvard University
1977-1986	Research Scholar, International Institute for Applied Systems Analysis, Laxenburg, Austria (various summers)
1974-1976	Research Assistant, Office of Population Studies, Princeton University, Princeton, New Jersey
1972-1974	Research Assistant, Politics Department, Princeton University

ACADEMIC APPOINTMENTS

- 2022-present Professor Emeritus, Department of Health Management and Policy, School of Health, Georgetown University
- 2021-2023 Visiting Professor, Università di Bologna Dipartimento di Medicina e Sanità Pubblica
- 2017-Present Senior Preparedness Fellow, Harvard T.H. Chan School of Public Health
- 2006-2022 Professor of Health Systems Administration and Population Health, Georgetown University School of Nursing and Health Studies, secondary appointments in
- Center for Global Health Science and Security (2019-)
 - O'Neill Institute for National and Global Health Law, Georgetown University Law Center (2012-)
 - Department of Family Medicine, School of Medicine (2015-19)
 - McCourt School of Public Policy (2003-2010)
 - Lombardi Comprehensive Cancer Center (2006-2011)
- 2002-2006 Professor of Policy Analysis, RAND Graduate School
- 2001-2002 Adjunct Professor of Epidemiology and Biostatistics, George Washington University School of Public Health and Health Services
- 2000-Present Adjunct Professor of Biostatistics, Harvard T.H. Chan School of Public Health, and
- 1998-2001 Professor of Epidemiology and Biostatistics (with tenure), School of Public Health and Health Services, George Washington University
- 1997-2000 Adjunct Lecturer in Biostatistics, Harvard School of Public Health
- 1996-1998 Adjunct Associate Professor of Epidemiology, George Washington University School of Public Health and Health Services
- 1991-1996 Professorial Lecturer, Department of Demography, Georgetown University
- 1990 Senior Research Scholar, Department of Demography, Georgetown University
- 1983-1987 Associate Professor of Public Policy, J. F. Kennedy School of Government, Harvard University
- 1979-1987 Faculty Associate, Center for Population Studies, Harvard University
- 1979-1983 Assistant Professor of Public Policy, J. F. Kennedy School of Government, Harvard University
- 1975-1979 Teaching Fellow, Statistics Department, Harvard University

HONORS AND DISTINCTIONS

- Public Health Systems Research Article of the Year Award, AcademyHealth, 2013
- Outstanding Achievement in Research Award, Georgetown University Medical Center, 2009
- Fellow, American Statistical Association, Elected 2004
- American Public Health Association Statistics Section Award, 1999
- National Research Council Group Recognition Award, 1994
- National Research Council Group Recognition Award, 1992
- Institute of Medicine Group Achievement Award, 1991
- National Science Foundation Graduate Fellowship, 1975-1978

MAJOR PROFESSIONAL SERVICE**National and international**

2023-2024	External Expert, WHO Guidance Development on Health Emergency Learning and Capacity Building
2022-2023	Member, Advisory Group, Guidance on Learning in Health Emergencies, World Health Organization
2019-2020	Member, Committee on Best Practices for Assessing Mortality and Morbidity Following Large-Scale Disasters, National Academy of Sciences, Engineering, and Medicine
2018-2019	Member, Collaborative Working Group on CHNAs (Community Health Needs Assessments) Principles and Practices, National Academy of Medicine Care Culture & Decision-making Innovation Collaborative, National Academy of Sciences, Engineering, and Medicine
2018	Member, Health Services Research and Development (HSR&D) Centers of Innovation (COIN) Review Panel, Department of Veterans Affairs
2017-2023	Member, Prevention and Population Health Standing Committee, NQF
2017-2020	Member, Scientific Methods Panel, National Quality Forum (NQF)
2016	Member, Improving Methods for Patient-Centered Outcomes Research Merit Review Panel, Patient-Centered Outcomes Research Institute (PCORI)
2016-2017	Chair, Methods Workgroup, Green Park Collaborative Real-World Evidence project, Center for Medical Technology Policy
2016-2017	Member, Technical Expert Panel, Training the Next Generation of Learning Health System Researchers, Agency for Healthcare Research and Quality (AHRQ)
2015-2016	Chair, Technical Expert Panel on Population Health Measure Development: Multi-Sector Collaboration, Centers for Medicare and Medicaid Services (CMS)
2015-2016	Member, Subcommittee on Sustainability of the U.S. Blood System, Advisory Committee on Blood and Tissue Safety and Availability (ACBTSA)
2015	Member, Technical Expert Panel on Population Health Measure Development, Centers for Medicare and Medicaid Services (CMS)
2014-2017	Member, Health and Well-Being Endorsement Maintenance Project Standing Committee, NQF
2013	Chair, Patient-Centered Outcomes Research Methods Research Merit Review Panel, PCORI (two cycles)
2012-2014	Member, Consumer Patient Researcher Roundtable, AcademyHealth
2012	Member, Special Emphasis Panel to Review Applications for National Research Service Award Institutional Research Training Grants, Agency for Healthcare Research and Quality
2012	Member, Regionalized Emergency Medical Care Services Expert Panel, NQF
2012-2013	Member, Population Health Steering Committee, AcademyHealth
2012-2013	Member, Annual Research Meeting Executive Committee, AcademyHealth
2012-2015	Member, Air Force Health Study Data and Specimens Committee, Institute of Medicine

- 2011-2012 Member, Population Health Project Steering Committee, NQF
- 2011-2013 Member (Chair, 2011-2012), AcademyHealth Public Health Systems Research Interest Group Advisory Committee
- 2010-2016 Consultant, Electronic Data Methods Forum (EDM Forum), AcademyHealth
- 2009-2011 Statistics Section Representative, Governing Council, American Public Health Association
- 2009 Member, Algorithms for the Threat Detection review panel, National Science Foundation
- 2009-2010 Member, Public Health Systems Research Methods Advisory Committee, AcademyHealth
- 2008-2009 Member, Advisory Committee for The Health Services Researcher of 2020: A Summit on Data and Methods, AcademyHealth
- 2008 Member, Special Emphasis Panel to Review Applications for National Research Service Award Institutional Research Training Grants, Agency for Healthcare Research and Quality
- 2007-2016 Member, AcademyHealth Methods Council and Chair, Methods Framework Committee
- 2007-2008 Member, Committee to Assess the Current and Future Workforce Needs in Veterinary Medicine, National Academy of Sciences
- 2006 Member, Expert Panel on Statistical Methods for Syndromic Surveillance, American Statistical Association
- 2006-2010 Member, Public Health Practice Committee, International Society of Disease Surveillance
- 2005-2007 Member, Spiegelman Award Selection Committee, Statistics Section, American Public Health Association
- 2005 Member (APHA representative), Program Committee, National Syndromic Surveillance Conference
- 2005-2007 Member, Biosense Public Health Partners Working Group
- 2004-2005 Member, Planning Committee, Workshop on Estimating the Contribution of Lifestyle-Related Factors to Preventable Death, Institute of Medicine
- 2004-2005 Member, Editorial Committee, 2004 Syndromic Surveillance Supplement to the MMWR, Centers for Disease Control and Prevention
- 2004-2007 Chair, Advisory Committee on Special Studies Relating to the Possible Long-Term Health Effects of Phenoxy Herbicides and Contaminants, Department of Health and Human Services
- 2004 Member, Program Committee, National Syndromic Surveillance Conference
- 2001-2004 Chair-elect, Chair, and Immediate Past Chair, Statistics Section, American Public Health Association
- 2003 Member, Special Emphasis Panel to Review Applications for Pathways Linking Education to Health, NIH
- 2002-2005 Member, Data Safety Monitoring Board, International Centers for Tropical Disease Research, NIAID/NIH
- 2002-2003 Consultant, Committee on the Ryan White CARE Act: Data for Resource Allocation, Planning, and Evaluation, National Academy of Sciences/Institute of Medicine

- 2002 Member, Special Emphasis Panel to Review Applications for Developmental Centers for Child Health and Development, NICHD/NIH
- 2001-2003 Invited participant, Epidemiology Workshop to Determine the Feasibility and Design of a Study on the Long-Term Effects of Anthrax Vaccine, U.S. Army Medical Research Institute of Infectious Diseases
- 2001 Consultant, Immunization Safety Review Committee, National Academy of Sciences/Institute of Medicine
- 2000-2001 Member, Statistics Section Council, American Public Health Association
- 1999-2004 Member, Advisory Committee on Special Studies Relating to the Possible Long-Term Health Effects of Phenoxy Herbicides and Contaminants, Department of Health and Human Services
- 1999-2007 Member, Ethics and Standards of Practice Committee, American College of Epidemiology
- 1999-2000 Consultant, Committee on HIV Prevention Strategies, National Academy of Sciences/Institute of Medicine
- 1999 Member, Special Emphasis Panel to Review Applications for Centers for the Demography of Aging, NIA/NIH
- 1999 Member, Expert Panel on Adherence to HIV Treatment Protocols, American Public Health Association
- 1998-2001 Chair, Biostatistics Council, Association of Schools of Public Health
- 1996-1998 Liaison member and member of methodology working group, Task Force on Community Preventive Services, Department of Health and Human Services
- 1995-1996 Secretary, Statistics Section, American Public Health Association
- 1992-1994 Program Chairman, Epidemiology Section, American Statistical Association
- 1989-1993 Member, Health Services Research and Developmental Grants Review Committee, Agency for Health Care Policy and Research
- 1988-1990 Member, Panel on AIDS Statistics, National Research Council
- 1986-1989 Member, Panel on Decennial Census Methodology, National Research Council
- 1986-1990 Member, U.S. Committee for the International Institute for Applied Systems Analysis
- 1986 Consultant, Committee on a National Strategy for AIDS, National Academy of Sciences/Institute of Medicine
- 1985-1990 Member (Chair in 1989), American Statistical Association Census Advisory Committee
- 1985 Consultant, Panel on Statistics for an Aging Population, National Academy of Sciences
- 1984 Expert witness on census undercount, U.S. Bureau of the Census
- 1982 Expert witness on equal representation, Civil Rights Division, United States Department of Justice
- 1981-1982 Member, American Statistical Association Technical Panel on Census Undercount
- 1980 Consultant, Planning Study for an Ongoing Study of Costs of Environment- Related Health Effects, National Academy of Sciences/Institute of Medicine

Editorial Service

2019- Guest Editor, *Globalization and Health*, special issue on “Global health security”
 2012-2022 Editorial board member, *Health Services Research (HSR)*
 2012-2019 Senior Editor, *eGEMs (Generating Evidence & Methods to Improve Patient Outcomes)*, Guest editor for special collection on “New analytical methods for a learning healthcare system”
 2007-2014 Statistical Editor, *Journal of Disaster Medicine and Public Health Preparedness*
 2006-2008 Senior Associate Editor, *Advances in Disease Surveillance*
 1989-1991 Associate Editor, *Evaluation Review*
 1983-1986 Associate Editor, *Journal of the American Statistical Association*

Peer Review Assignments

AcademyHealth Public Health Services Research Interest Group
 Agency for Health Care Policy and Research
 Centers for Disease Control and Prevention
 Food and Health Bureau (FHB) of the Hong Kong SAR Government
 Health Research Board, Republic of Ireland
 Institute of Medicine
 International Society for Disease Surveillance
 Medical Research Council, South Africa
 Medical Research Council, United Kingdom
 National Center for the Study of Preparedness and Catastrophic Event Response
 National Institutes of Health (NIA, NICHD)
 National Medical Research Council, Singapore
 National Research Council
 National Science Foundation
 National Security Agency
 Oxford University Press
 Patient Centered Outcomes Research Institute (PCORI)
 RAND Corporation
 Robert Wood Johnson Foundation

Journal Reviews

<i>AIMS Public Health</i>	<i>Asian Pacific Journal of Tropical Medicine</i>
<i>American Journal of Clinical Dermatology</i>	<i>BioDrugs</i>
<i>American Journal of Preventive Medicine</i>	<i>BioMed Central Global Health</i>
<i>American Journal of Managed Care</i>	<i>BioMed Central Health Services Research</i>
<i>American Journal of Public Health</i>	<i>BioMed Central Infectious Diseases</i>
<i>Annals of Applied Statistics</i>	<i>BioMed Central Medical Informatics and Decision Making</i>
<i>Annals of Epidemiology</i>	<i>BioMed Central Public Health</i>
<i>Applied Health Economics and Health Policy</i>	<i>Biomedical Signal Processing and Control</i>
<i>Archives of Physical Medicine and Rehabilitation</i>	

*Biosecurity and Bioterrorism: Biodefense
Strategy, Practice, and Science*
BMJ Open
Cancer Causes and Control
Circulation
Clinical Infectious Diseases
Demography
*Disaster Medicine and Public Health
Preparedness*
Drugs - Real World Outcomes
Drug Safety
*eGEMs (Generating Evidence & Methods to
Improve Patient Outcomes)*
Emerging Infectious Diseases
Environmental and Ecological Statistics
Epidemiology and Infection
Epidemiology and Public Health Research
European Journal of Public Health
Evaluation Review
Family Planning Perspectives
Frontiers in Public Health
Global Challenges
Globalization and Health
Harm Reduction Journal
Health Affairs
Health and Human Rights
*Health Services and Outcomes Research
Methodology*
Health Services Research
*IEEE Transactions on Human-Machine
Systems*
Influenza and Other Respiratory Viruses
*International Journal of Disaster Risk
Reduction*
*International Journal of Emergency
Management*
*International Journal of Health Planning and
Management*
International Journal of Infectious Diseases
*Journal of Racial and Ethnic Health
Disparities*
Lancet

Lancet Global Health
New England Journal of Medicine
JAMA Health Forum
JAMA Oncology
Journal of Affective Disorders Reports
Journal of Comparative Effectiveness Research
*Journal of Clinical Endocrinology &
Metabolism*
*Journal of Disaster Medicine and Public
Health Preparedness*
Journal of General Internal Medicine
Journal of Migration and Health
Journal of Official Statistic
*Journal of Public Health Management and
Policy*
Journal of Law, Medicine & Ethics
*Journal of Racial and Ethnic Health
Disparities*
Journal of Research Practice
Journal of the American Medical Association
Journal of the American Statistical Association
Journal of the National Medical Association
Medical Care
Medical Decision Making
Milbank Memorial Fund Quarterly
PLOS ONE
Population Index
Population Research and Policy Review
*Progress in Community Health Partnerships
Public Health*
Public Health Reports
Research Synthesis Methods
Science
Science Advances
Social Science and Medicine
Statistical Science
Statistics and Public Policy
Statistics in Medicine
Vaccine
Western Pacific Surveillance and Response
Women's Health Issues

OTHER PUBLIC SERVICE

- 2022-2020 Member, Advisory Council, Martha's Vineyard Community College Consortium
- 2020 Member, COVID-19 Task Force, Holy Trinity Parish, Washington, DC
- 2019 Member, Martha's Vineyard Hospital Community Benefit Advisory Committee
- 2015 Member, Survey Advisory Workgroup, Association of State and Territorial Health Officials (ASTHO)
- 2014-2018 Co-chair, Healthy Montgomery Measurement and Evaluation Committee
- 2013-2014 Co-chair, Healthy Montgomery Data Project Team
- 2013-2015 Member, Measures Track of Work Committee, Primary Care and Public Health Collaborative, Association of State and Territorial Health Officials
- 2012-2014 Member, Consumer-Patient-Researcher (CPR) Roundtable, AcademyHealth
- 2011 Consultant, Committee on Guidance for Establishing Standards of Care for Use in Disaster Situations, Institute of Medicine
- 2011 Member, Data Release Guidelines workgroup, National Association of Health Data Organizations (NAHDO)
- 2009-2010 Member, Steering Committee, Public Health Services Research Track, National Association of County and City Health Officials Annual Meeting
- 2009-2018 Member, Healthy Montgomery Steering Committee, Montgomery County (MD) Department of Health and Human Services
- 2009 Member, Grant review panel, National Center for the Study of Preparedness and Catastrophic Event Response
- 2009-2011 Member, Partnerships for a Healthier Arlington Steering Committee, Arlington County (VA) Department of Human Services
- 2008 Member, Working Group on Testing, Exercising, Measuring, and Improving Preparedness, At-risk Populations Project, Association of State and Territorial Health Officials
- 2007-2008 Member, Working Group to Develop a CME Program for Public Health Professionals and Clinicians in Syndromic Surveillance, International Society of Disease Surveillance
- 2007-2008 Member, Working Group on Evaluation of Health Department Web-based Data Query Systems, Robert Wood Johnson Foundation
- 2007-2008 Member, Mobilizing for Action through Planning and Partnerships (MAPP) steering committee, and co-chair, Data Subcommittee, Arlington County Department of Human Services
- 2006-2007 Consultant, Committee on Reviewing Evidence to Identify Highly Effective Clinical Services, National Academy of Sciences/Institute of Medicine
- 2004-2009 Member, Board of Directors, 4th District Community Health Partnership
- 2004-2005 Regional judge, Robert Wood Johnson Foundation Young Epidemiological Scholars program
- 2003 Member, Advisory Committee, 4th District Community Health Partnership
- 2001-2003 Member, Evaluation Committee, DC Area Health Education Center
- 2001 Invited presenter, Consultation on Estimating Incidence of HIV Infection in the United States, Centers for Disease Control and Prevention

- 2000-2004 Member, Bioterrorism Task Force, Metropolitan Washington Council of Governments
- 2000-2001 Member, District of Columbia HIV Surveillance Implementation Advisory Group
- 2000-2005 Member, Institutional Review Board, Aeras Global TB Vaccine Foundation
- 2000-2006 Member, Data Safety Monitoring Board, Aeras Global TB Vaccine Foundation
- 1999-2000 Consultant, Committee on Health Effects Associated with Exposures during the Persian Gulf War, National Academy of Sciences/Institute of Medicine
- 1985-1987 Member, Research Advisory Group of the New England Institute for Healthcare Services Research
- 1981-1982 President, Boston Chapter, American Statistical Association
- 1978-1979 Member, Advisory Committee to Massachusetts Judicial Court, Boston, Massachusetts

PROFESSIONAL SOCIETIES

AcademyHealth
American Public Health Association
American Statistical Association
Population Association of America

MAJOR ADMINISTRATIVE RESPONSIBILITIES

- 2015-2019 Associate Director, Population Health Scholar Track, Georgetown University School of Medicine
- 2008-2014 Co-principal investigator, Linking Assessment and Measurement to Performance in PHEP Systems (LAMPS), Harvard School of Public Health Center for Public Health Preparedness
- 2011-2012 Steering committee member and oversight liaison directors for education, training and professional development, Georgetown/FDA Center of Excellence in Regulatory Science and Innovation (CERSI)
- 2008-2011 Director, Signature initiative on public health emergency preparedness, O'Neill Institute for National and Global Health Law, Georgetown University
- 2007-2010 Director, Evaluation Core, Harvard School of Public Health Center for Public Health Preparedness
- 1999-2001 Director, Metropolitan Washington Public Health Assessment Center
- 1998-2001 Chair, Department of Epidemiology and Biostatistics, School of Public Health and Health Services, George Washington University
- 1993-1996 Director, Division of Health Promotion and Disease Prevention, Institute of Medicine, National Academy of Sciences
- 1991-1992 Deputy Director, Division of Health Promotion and Disease Prevention, Institute of Medicine, National Academy of Sciences
- 1985-1987 Associate Director, Institute for the Study of Smoking Behavior and Policy
- 1982-1983 Executive Officer, Health Science Policy Working Group, Division of Health Policy Research and Education, Harvard University

RESEARCH SUPPORT

The development of a monitoring and assessment methodology for public health emergency preparedness, Specific contract № 2, European Centre for Disease Prevention and Control (ECDC), €40,000, 12/2022 – 5/2023, Senior expert

The development of a monitoring and evaluation methodology for public health emergency preparedness, Specific contract № 1, European Centre for Disease Prevention and Control (ECDC), €85,000, 1/2021 – 8/2021, Senior expert

Design, development and piloting of a curriculum and training material for Public Health, ECDC, €50,000, 1/2018 – 6/2018, Chair of Preparedness Training Committee

A Community Health Needs Assessment Evaluability Assessment, Robert Wood Johnson Foundation, \$650,000, 8/15/2015 – 12/31/2018; PI (2015-2016), investigator (2017-2018)

Translation, Dissemination, and Implementation of Evidenced-based Public Health Tools and Trainings for Public Health Emergency Preparedness, CDC via the Association of Schools and Programs for Public Health (ASPPH), \$1,080,516, 4/2016 – 8/2017, Director of the Improving the Practice of Critical Incident Analysis sub-project

Development of a Public Health Emergency Preparedness Competency Model for European Union Member States, ECDC, €50,000, 8/16 – 3/17, PI

Development of a Public Health Preparedness Logic Model for Assessing Preparedness for Cross-border Threats in the European Region, ECDC, €20,000, 10/15 – 3/16, PI

Guide to Improving Patient Safety in Primary Care Settings by Engaging Patients and Families, Agency for Healthcare Research and Quality, Contract HHSP233201500022I/HHSP23337002T (to MedStar Health Research Institute), \$156,659 (Georgetown component), 9/25/15 – 9/24/20; Co-investigator

Research support for MedStar Health's 2015 Community Health Needs Assessment process, MedStar Health Community Health Department, \$41,844, 9/1/2014 – 6/30/2015; PI

Electronic Data Methods Forum for Comparative Effectiveness Research (EDM Forum) Phase II AHRQ Cooperative Agreement 1 U18 HS022789-01 (AcademyHealth Subcontract for year 1, \$15,890), 9/30/2013 – 9/29/2016; Key Advisor and Collaborative Methods Project director

Developing a Peer-Assessment Model of Public Health Emergency Preparedness Capabilities Supplement to CDC Program project grant 1 P01 TP000307-01, \$400,000, 9/30/2012-9/29/2014; Supplement PI

Georgetown/FDA Center of Excellence in Regulatory Science and Innovation (CERSI)

FDA Cooperative agreement 1 U01 FD 004319-01, \$2,999,328, 09/15/2011-09/14/2012;
Steering committee member

Electronic Data Methods Forum for Comparative Effectiveness Research (EDM Forum)
AHRQ Cooperative Agreement U13 HS 19564 (AcademyHealth Subcontract, \$70,547),
08/01/2010-07/31/2013; Consultant

Harvard School of Public Health Preparedness and Emergency Response Learning Center
CDC Cooperative agreement 5 U90 TP 000147, \$4,464,914, 9/30/2010-9/29/2015; Co-
investigator

Linking Assessment and Measurement to Performance in PHEP Systems (LAMPS)
CDC Program project grant 1 P01 TP000307-01, 9/30/2008-9/29/14, \$8,743,000 (Georgetown
component, \$400,000); co-PI, and PI of the Georgetown component

Harvard School of Public Health Center for Public Health Preparedness
CDC Cooperative agreement U90/CCU124242-05, \$6,030,000, Director of evaluation core

Regionalization in Local Public Health Systems
Robert Wood Johnson Foundation grant, \$146,000; PI

DC Department of Health Emergency Room Surveillance System
DC DOH subcontract using CDC evaluation funds, \$72,000; PI

Evaluation of the DC Healthcare Emergency Healthcare Coalition
Washington Hospital Center subcontract using DHHS Office of the Assistant Secretary for
Preparedness and Response (ASPR) funds, \$5,000,000, Director of evaluation team (\$150,000),
PI

Medical Reserve Corps Evaluation Methods
National Association of County and City Health Officials (NACCHO) subcontract using CDC
funds, \$165,000, PI

Massachusetts H1N1 After-Action Report
Massachusetts Department of Health subcontract using CDC funds, \$90,000, PI

Process Evaluation of Project Public Health Ready
NACCHO subcontract using CDC funds, \$200,000, PI

Web-Based Tool for Assessing and Improving Community Health Assessments
NY State DOH subcontract using CDC assessment funds, \$135,000, PI

Setting Priorities for Breast Cancer Prevention and Control in DC
NCI CISNET grant supplement, \$100,000, Supplement project director

Evaluation of AHRQ's Children's Health Activities
AHRQ contract, \$182,000, PI

TEACHING EXPERIENCE

Georgetown University School of Nursing and Health Studies

2016 Quantitative Methods for a Learning Health System (Executive Masters of Health Systems Administration program)
2015-19 Applied Epidemiology and Population Health (Doctor of Nursing Practice program)
2012-20 Health Policy Seminar and Internship, co-director
2010, -13, -14 Epidemiology and Population Health, co-director
2012 Health Care Quality and Performance Measurement (Quality I), co-director
2010-2012 Health Care Quality and Performance Measurement (Quality II), course director
2009-2022 Health Services Research for Evidence-based Practice and Policy
2007-2010 Seminar in Population Health, co-director
2007 Crisis Management in College Health, co-director
2007 Research in Health Care, co-director

Georgetown University Medical Center

2021 Interdisciplinary Perspectives in Infectious Disease, COVID-19 module director
2017 Analytic Approaches for Regulatory Science, course co-director

Georgetown University Law Center

2013-2022 Global Health Law: An Intensive, Problem-based Exploration, co-director

Georgetown Public Policy Institute

2004-2006 Epidemiology for Public Policy, course director
2007-2008 The Epidemiology of Homeland Security: Pandemic Influenza, Bioterrorism, and other Public Health Crises, course director

Georgetown Department of Biostatistics, Bioinformatics and Biomathematics

2009 Research Synthesis and Meta-Analysis for Public Health, course director

Georgetown University, Department of Demography

1990, 1995 Statistics I and II, course director
1998 Research Methods II, lecturer

J.F. Kennedy School of Government and Harvard T.H. Chan School of Public Health

1979-1983 Data Analysis for Public Management, co-course director
1980-1981 Demographic Methods for Public Policy, course developer and director
1985-1987 Empirical Analysis for Public Policy, co-course director
1986-1987 Research Seminar in Demography, co-course director
1986-1987 Health Policy in the United States, co-course director
1986-1987 Research Seminars: Selected Topics in Health Policy, co-course director
1985-1987 Making Public Policies: Values, Democracy, and Public Service, discussion section leader and lecturer
1997-Present Research Synthesis and Meta-Analysis for Public Health, course director

King Abdulaziz University MPH Program

2014-2017 Systematic Reviews and Meta-Analysis for Evidence-based Medicine

Pardee RAND Graduate School

2003-2005 Research Synthesis and Meta-Analysis, course director, course director

Università di Bologna Dipartimento di Medicina e Sanità Pubblica

2009 Introduction to Systematic Reviews and Meta-Analysis
2019 Public Health Emergency Preparedness: Managing responses to health emergencies in a global context

George Washington University School of Public Health and Health Services

2023 Introduction to Systematic Reviews and Meta-Analysis
2001 Advanced Epidemiological Methods, course director
2001 HIV/AIDS by the Numbers, course developer and director
2000-2001 Research Synthesis and Meta-Analysis for Public Health and Clinical Medicine, course developer and director
1998-2001 Introduction to Epidemiology and Preventive Medicine, discussion section leader and lecturer
1998-1999 Biostatistical Applications for Public Health, course director
1997-2001 Measurement in Public Health and Health Services Research, course developer & director
1996-1997 Epidemiological Risk Assessment for Public Health, course developer & director

Professional Education

2002-2004 American Public Health Association/American Statistical Association: Statistical Methods for State and Local Public Health
2003-2004 Prove It! Health Data 101: New Hampshire Public Health Institute

- 2004 Harkness Fellows in Health Policy: Case Study Methodology
- 2004 U. S. General Accounting Office: Epidemiology Refresher
- 2008 Maine Center for Public Health: Essential Tools for Essential Services
- 2008 International Chinese Statistical Association: Meta-analysis and Systematic Reviews
- 2009 RAND Statistics Group: Meta-analysis and Systematic Reviews
- 2009 Introduction to Health Services Research Methods (webinar), AcademyHealth Methods Council
- 2009 Methodological Challenges in Public Health Systems Research: Quasi-Experiments, AcademyHealth Public Health Systems Research Interest Group
- 2009 Is Your Emergency Department Ready for H1N1?, Institute for Healthcare Improvement (webinar with Joseph T. Crane and Kirk B. Jensen)
- 2012 What did we learn from the 2009 H1N1 pandemic about Public Health Emergency Preparedness systems? (webinar), Harvard School of Public Health Preparedness and Emergency Response Learning Center
<http://www.hsph.harvard.edu/policy-translation-leadership/emergency-preparedness-and-response/h-perlc-preparedness-and-emergency-response-learning-center/h-perlc-course-catalog/h-perlc-evaluate-and-improve-practice/>
- 2013 Critical Incident Analysis to Enhance Public Health Emergency Preparedness, Public Health Preparedness Summit
- 2013 Overview of Comparative Effectiveness Research, Center for Health Outcomes, Policy and Evaluation Studies, Ohio State University (Module 19)
<http://cph.osu.edu/hopes/online-training-modules>
- 2014 & 2015 Using root cause analysis in a peer assessment format to learn from experiences with public health emergencies, Public Health Preparedness Summit, Atlanta
- 2014 Analytical Methods for Learning Health Systems, AcademyHealth/EDM Forum webinar <http://repository.academyhealth.org/webinars/15/>
- 2015 Introduction to meta-analysis and systematic review methods, Harvard Catalyst Biostatistics seminar series
- 2016 Population Health: What the Primary Care Provider Should Know, Excel Continuing Education for Humana, Coral Gables, Florida
- 2016 Introduction to Big Data in the Health Care Industry and Issues with Data Sharing. Big Data in Health Care: BIG risks, BIG rewards, Pennsylvania Bar Institute, Philadelphia
- 2016 Methods for learning from experience with actual public health emergencies, European Centre for Disease Prevention and Control (ECDC), Stockholm
- 2016 Core competencies for strengthened public health system preparedness. Workshop presented at the European Public Health Association Conference, Vienna
- 2017 Learning from the experience of public health system responses to emergencies. Emergency Preparedness Research, Evaluation, and Practice (EPREP) Program, Harvard T.H. Chan School of Public Health <https://youtu.be/KbNG5NIGmwE>.
- 2018 Public Health Emergency Preparedness Curriculum, European Centre for Disease Prevention and Control (ECDC) in conjunction with the Università di Bologna - Alma Mater Studiorum, Bologna

- 2019 How to Apply Realist Methods to Gain Insights in A Rapidly Changing Environment, Methods workshop, AcademyHealth Annual Research Meeting, Washington
- 2020 Stoto, M.A. School closure as a public health measure: The Great Influenza, 2009 H1N1, and COVID-19. Emergencies infectious, plans of preparedness and role of contact tracing course, Regione Emilia-Romagna, Bologna, Italy, October, 2022.

Trainees and Mentoring

G. Elliott Cook, Center for Excellence in Regulatory Science and Innovation (CERSI) Scholar

Tamar Klaiman, Postdoctoral fellow in public health systems research and emergency preparedness, O'Neill Institute for National and Global Health Affairs, Georgetown University

Ying Zhang, Elizabeth Lee & Abbey Woolverton, PhD in Global Infectious Diseases, Georgetown University

Served on PhD and DrPH dissertation committees for students at GW SPHHS (2) and Business and Public Management (2); Kennedy School of Government (1), HSPH (3), and University of Texas Medical Branch, Galveston (1).

Faculty advisor, Georgetown Student Chapter, AcademyHealth (2011-2018)

Faculty advisor, Georgetown Undergraduate Public Health Bowl team (2014)

PUBLICATIONS

Peer-reviewed journals

1. Barclay, G.W., Coale, A.J., Stoto, M.A., Trussell, T.J. A reassessment of the demography of traditional rural China. *Population Index*, 1975. 42:606-635.
2. Warner, R.M., Kenny, D.A., Stoto, M.A. A new round-robin analysis of variance for social interaction data. *Journal of Personality and Social Psychology*, 1979. 37:1742-1757.
3. Emerson, J.D., Stoto, M.A. Exploratory methods for choosing power transformations. *Journal of the American Statistical Association*, 1982. 77:103-108.
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7. *Clinical Applications of Mifepristone (RU486) and Other Antiprogestins: Assessing the Science and Recommending a Research Agenda* (1993).
8. *The Social Impact of AIDS in the United States* (1993).

9. *Overcoming Barriers to Immunization: A Workshop Summary* (1994).
10. *Protecting and Improving Quality of Care for Children Under Health Care Reform: Workshop Highlights* (1994).
11. *Benefits and Systems of Care for Maternal and Child Health Under Health Care Reform: Workshop Highlights* (1994).
12. *Fetal Research and Applications: A Conference Summary* (1994).
13. *DPT Vaccine and Chronic Nervous System Dysfunction: A New Analysis* (1994).
14. *Research Strategies for Assessing Adverse Events Associated with Vaccines* (1994).
15. *Government and Industry Collaboration in AIDS Drug Development: Summary of a Workshop* (1994).
16. *Environmental Medicine and the Medical School Curriculum* (1994).
17. *Reducing Risks for Mental Disorders: Frontiers for Preventive Intervention Research* (1994).
18. *AIDS and Behavior: An Integrated Approach* (1994).
19. *The Best Intentions: Unintended Pregnancy and the Well-being of Children and Families* (1995).
20. *The Children's Vaccine Initiative: Continuing Activities. A Summary of Two Workshops* (1995).
21. *Changing Demographics of the HIV Epidemic: Implications for Clinical Research* (1995).
22. *Preventing HIV Transmission: The Role of Sterile Needles and Bleach* (1995).
23. *Environmental Medicine: Integrating a Missing Element into Medical Education* (1995).
24. *Assessing the Social and Behavioral Science Base for HIV/AIDS Prevention and Intervention* (1995).
25. *Fetal Alcohol Syndrome: Diagnosis, Epidemiology, Prevention, and Treatment* (1996).
26. *Evaluation of the Department of Defense Persian Gulf Comprehensive Clinical Evaluation Program* (1996).
27. *Medical Research in Cold War Alaska: Radioactive Iodine-131 Studies of Thyroid Function and Cold Adaptation in Alaska Natives and Military Personnel* (1996).
28. *Paying Attention to Children in a Changing Health Care System* (1996).
29. *Characterizing Exposure of Veterans to Agent Orange and Other Herbicides Used in Vietnam: Scientific Considerations Regarding A Request for Proposals* (1997).
30. *Detecting and Responding to Adverse Events Following Vaccination: Summary of a Workshop* (1997).
31. *Research To Identify Risks For Adverse Events Following Vaccination: Biological Mechanisms and Possible Means of Prevention: Summary of a Workshop* (1997).
32. *Organ Procurement and Transplantation: Assessing Current Policies and the Potential Impact of the DHHS Final Rule* (1999).
33. *Gulf War and Health (Volume 1): Depleted Uranium, Pyridostigmine Bromide, Sarin, Vaccines* (2000).
34. *Beyond Six Billion: Forecasting the World's Population* (2000).
35. *Health and Behavior: The Interplay of Biological, Behavioral, and Societal Influences* (2001).
36. *Vaccines for the 21st Century: A Tool for Decision-making* (2001).
37. *Immunization Safety Review: Measles-Mumps-Rubella Vaccine and Autism* (2001).

38. *Improving Birth Outcomes: Meeting the Challenge in the Developing World* (2003).
39. *Measuring What Matters: Allocation, Planning, and Quality Assessment for the Ryan White CARE Act* (2003).
40. *The Year 2000 Census: Counting Under Adversity* (2004).
41. *Estimating the Contributions of Lifestyle-Related Factors to Preventable Death: A Workshop Summary* (2005).
42. *Valuing Health for Regulatory Cost Effectiveness Analysis* (2006).
43. *Improving the Presumptive Disability Decision-Making Process for Veterans* (2007).
44. *Knowing What Works in Health Care: A Roadmap for the Nation* (2008).
45. *Assessment of the Role of Intermittent Preventive Treatment for Malaria in Infants* (2008).
46. *Contaminated Water Supplies at Camp Lejeune: Assessing Potential Health Effects* (2009).
47. *Strengthening Benefit-Cost Analysis for Early Childhood Interventions* (2009).
48. *Vital Statistics: Summary of a Workshop* (2009).
49. *Explaining Divergent Levels of Longevity in High-Income Countries* (2011).
50. *Accounting for Health and Health Care* (2011).
51. *Measuring the Risks and Causes of Premature Death* (2015)
52. *The Air Force Health Study Assets Research Program* (2015)
53. *A Framework for Assessing Mortality and Morbidity After Large-Scale Disasters* (2020)

RAND reports (with contributions from M. A. Stoto, other than those listed above)

1. Davis, L.M., Blanchard, J.C. Are local health responders ready for biological and chemical terrorism? IP-221-OSD, 2002.
2. Homeland security: Physical protection of critical infrastructure. PM-1373-OSD, 2002.
3. Brower, J., Chalk, P. The global threat of new and reemerging infectious diseases: Reconciling U.S. national security and public health policy. MR-1602-RC, 2003.
4. Eiseman, E., Fossum, D. The challenges of creating a global health resource tracking system. MG-317-BMG, 2005.
5. Shugarman, L.R., et al. Assessing the adequacy of extant exercises for addressing local and state readiness for public health emergencies. TR-249-DHHS, 2005.
6. Jones, S.G., Treverton, G.F. Early warning watchlist. PM-1906, October 2005.
7. Davis, L.M., et al. Combating terrorism: How prepared are state and local response organizations? MG-309-OSD, 2006.
8. Cecchine, G., Moore, M. Infectious disease and national security: Strategic information needs. DRR-3870-OSD, 2006.

Teaching cases

1. Kennedy, D., Stoto, M.A. Social Security and the Fertility Rate. Case 724.0, John F. Kennedy School of Government, 1987.
2. Brunetta, L., Stoto, M.A. AIDS and the Insurance Industry. Case 730.0, John F. Kennedy School of Government, 1987.

3. Stoto, M.A. Case study: 2011 E. coli outbreak. Prepared for the European Centre for Disease Prevention and Control (ECDC), 2018.
4. Stoto, M.A. A Century of Pandemics: Lessons Learned and (Sometimes) Applied, *Sage Research Methods Video: Medicine and Health*, July, 2021
<https://methods.sagepub.com:443/video/srpmromo/YWV16C/a-century-of-pandemics-lessons-learned-and-sometimes-applied?fromsearch=true>
5. Stoto, M.A. How to Create Valid, Reliable and Actionable Metrics in the Fight Against COVID-19, *Sage Research Methods Video: Medicine and Health*, July, 2021
<https://methods.sagepub.com:443/video/srpmromo/KQJkfG/how-to-create-valid-reliable-actionable-metrics-in-fight-against-covid-19>

Selected presentations

1. Stoto, M.A. What makes a good performance measure? Maternal and Child Health Information Resource Center Dataspeak, 1999.
2. Stoto, M.A. Performance and outcome measurement I: Epidemiological and statistical concepts. Association of Maternal and Child Health Programs, Washington, 1999.
3. Stoto, M.A. Evaluation for Maryland tobacco settlement fund activities. Maryland Public Health Officials Association, July 2000.
4. Stoto, M.A. Risk assessment and management under uncertainty: Lessons from swine flu and HIV in blood products. Invited presentation to the IOM Immunization Safety Review Committee, Washington, January 2001.
5. Stoto, M.A. Overview of epidemiological studies examining MMR, IBD, and autism. Invited presentation to the IOM Immunization Safety Review Committee, Washington, 2001.
6. Stoto, M.A. The IOM's recommendation regarding HIV surveillance. CDC Consultation on Estimating Incidence of HIV Infection in the United States, Atlanta, 2001.
7. Petitti, D., Stoto, M.A. Meta-analysis for policy decisions. Invited Presentation at the Workshop and Symposium on Challenges for Meta-Analysis of Medical and Health Policy Data, Mathematical Sciences Research Institute, Berkeley, May 2002.
8. Stoto, M.A. Statistical issues in interactive web-based public health data dissemination systems. CDC Assessment Initiative/NAPHSIS Leadership Institute Conference, Atlanta GA, February, 2003. Also presented at:
 - Annual meeting of the National Association for Public Health Statistics and Information Systems, New York, June 2003
 - As a webcast by the National Association of Health Data Organizations, September 2003
9. Stoto, M.A. A model for a smallpox vaccination policy, invited presentation at the Gordon Research Conference on Chemical and Biological Terrorism Defense, Santa Barbara, California, March 2003.
10. Stoto, M.A., Schonlau, M., Mariano, L.T. Syndromic surveillance: Is it worth the effort? Invited presentation at the Conference on Statistical Issues in Counterterrorism,

Washington Statistical Society/American Statistical Association, Washington, May 2003.
Also presented at:

- American Association for the Advancement of Science Annual Meeting, Seattle, February 2004
 - Eastern North American Region/International Biometric Society Annual Meeting, Pittsburgh, March 2004
 - Western North American Region/International Biometric Society, Albuquerque, June 2004
 - National Association of County and City Health Officials, St. Paul MN, July 2004
11. Stoto, M.A. The Ranch Hand (Air Force Health) Study. Invited presentation at the U.S. Medicine Institute forum on The Value of Long-Term Studies, Washington, March 2004.
 12. Stoto, M.A., Myers, S.S., Straus, S. Developing and implementing a web-based tool to determine and enhance the usefulness of community health assessments in New York State. Community Health Assessment: Current Issues and Future Directions Conference, Atlanta, September 2004.
 - Also presented as a Webcast by CDC Assessment Initiative, November 2004
 13. Stoto, M.A., Jain, A., Diamond, A., Davies-Cole, J.O., Adade, A., Washington, S.C., Kidane, G., Glymph, C. Time series analysis of the District of Columbia's syndromic surveillance data. National Syndromic Surveillance Conference, Boston, November 2004.
 14. Stoto, M.A. Statistical Methods for State and Local Public Health Data, APHA/ASA Continuing Education Institute, November 6, 2004.
 - I. Community health assessment
 - II. Biosurveillance, privacy and confidentiality
 15. Stoto, M.A., Jain, A., Fricker, R.A., Davies-Cole, J.O., Washington, S.C., Kidane, G., Glymph, C., Lum, G., Adade, A. Multivariate methods for aberration detection: A simulation study using the District of Columbia's syndromic surveillance data. National Syndromic Surveillance Conference, Boston, November 2004. Also presented at:
 - American Public Health Association Annual Meeting, Washington, November 2004
 - CDC Statistical Methods Symposium Annual Meeting, Bethesda, MD, March 2005
 - Academy Health Public Health Systems Annual Research Meeting, June 2005
 16. Stoto, M.A. Discussion: What have we learned; where do we go from here? Invited presentation to the IOM Workshop on Estimating the Contribution of Lifestyle-Related Factors to Preventable Death, Washington, December 2004.
 17. Stoto, M.A., Aledort, J.E. Points for policy and decision makers. Workshop on Mathematical Modeling for 21st Century Public Health Practice, Palm Springs, March 2005.
 18. Stoto, M.A. The Air Force Health Study. Invited presentation to the IOM Committee on the Disposition of the Air Force Health Study, Washington, April 2005.
 19. Stoto, M.A. Syndromic surveillance: Is it worth the effort, and if so, for what? Public Health Surveillance Working Group, Harvard Department of Biostatistics, Boston, March 2005.
 - Also presented at DC Department of Health Bureau of Epidemiology and Health Risk Assessment Grand Rounds, August 2005

20. Stoto, M.A. Achieving Healthy People 2010 objectives: The importance of data. Healthy DC Residents: A Status Report on Healthy People 2010 Goals. DC Department of Health, Washington, April 2005.
21. Stoto, M.A. The “precautionary principle” and blood products. Interdisciplinary Forum on Emerging Pathogens, Baxter BioScience, Chicago, May 2005.
22. Stoto, M.A. The role of systematic reviews (possibly) including meta-analysis in drug, vaccine, and food safety monitoring. Harvard/Schering-Plough Workshop, Boston, June 2005.
23. Stoto, M.A., et al. Learning from experience: The public health response to West Nile Virus, SARS, Monkeypox, and hepatitis A outbreaks in the United States. Public Health Systems Research Meeting, AcademyHealth, Boston, June 2005.
24. Stoto, M.A., Normand, S.L., Colditz, G., Flaig, R., Howe, E., Wolf, R. Bayesian meta-analysis of the dose-response relationship of alcohol consumption and health outcomes. International Conference on Health Policy Research, Boston, October 2005.
25. Stoto, M.A. Statistical analysis of the identifiability of pharmaceutical data under HIPAA. Human Research Protection Programs Conference, Boston, December 2005.
26. Stoto, M.A. Evaluation of syndromic surveillance systems. American Statistical Association Section on Statistics in Defense and National Security, Santa Monica, February 2006. Also presented at:
 - National Center for Health Statistics, Hyattsville MD, May 2006
 - 2006 Congress of Epidemiology, Seattle, June 2006
 - Centre for Epidemiology and Research, New South Wales Department of Health, Sydney, Australia, June 2006
 - Centre for MEGA Epidemiology, University of Melbourne, Melbourne, Australia, July 2006
27. Stoto, M.A. Standards of evidence. Board on Health Care Services, Institute of Medicine, Washington, April 2006.
28. Stoto, M.A. Assessing the usefulness of community health assessments. The Impact of Community Assessments in New York State conference, Syracuse, September 2006.
29. Stoto, M.A. Syndromic surveillance in public health practice. Institute of Medicine Forum on Microbial Threats, Washington, December 2006.
30. Stoto, M.A. The identifiability of pharmaceutical data: A test of the statistical alternative to HIPAA’s safe harbor. Privacy in Statistical Databases 2006. Italian Statistical Institute, Rome, December 2006.
31. Stoto, M.A., Griffin, B.A., Jain, A., et al. Evaluation of DC Department of Health’s syndromic surveillance system: Fine-tuning statistical detection algorithms. International Biometrics Society, Eastern North America Region (ENAR) meeting, Atlanta, March 2007.
32. Stoto, M.A. The evidence base for regionalization. AcademyHealth Public Health Services Research Cyber Seminar, May 2007.
33. Stoto, M.A., Straus, S.G., Bohn, C., Irani, P. A web-based tool for assessing and improving the usefulness of community health assessments. Public Health Assessment Initiative Conference, Atlanta, August 2007.

34. Stoto, M.A. Regionalization in local public health systems. California Health Policy Forum, Sacramento, September 2007.
35. Stoto, M.A. Syndromic Surveillance in Public Health Practice. U.S. Medicine Institute, Washington, October 2007.
36. Stoto, M.A. Meta-Analysis for Drug Safety Assessment. International Conference on Health Policy Statistics, Philadelphia, January 2008.
37. Stoto, M.A., Biddinger, P.D., Savoia, E., Cadigan, R., Koh, H. Using exercises to evaluate public health emergency preparedness. Public Health Preparedness Summit, Atlanta, February 2008.
38. Stoto, M.A. Legal and ethical issues in syndromic surveillance: Implications for the DOD longitudinal health record. National Forum on the Future of the Defense Health Information System, Washington, March 2008.
39. Stoto, M.A. Infectious disease surveillance & national/health security. Committee on National Statistics Workshop Vital Data for National Needs, Washington, April 2008.
40. Stoto M.A. Meta-analysis for drug safety. Schering-Plough Research Institute, Kenilworth NJ, January 2009.
41. Stoto M.A. Regionalization: rationale, implementation, and impact on public health preparedness. Harvard School of Public Health Center for Public Health Preparedness, Boston, February 2009.
42. Savoia, E., Rodday, A., Stoto, M.A. Public Health Emergency Preparedness at the Local Level: Results of a National Survey. AcademyHealth Annual Research Meeting, Chicago, June 2009.
43. Higdon, M.A., Short, S., Tallon, L., Savoia, E., Rodday, A.M., Stoto, M.A. Assessing Attitudes and Barriers Experienced by Medical Reserve Corps (MRC) Volunteers Assisting Local Public Health Departments. AcademyHealth Annual Research Meeting, Chicago, June 2009.
44. Savoia, E., Massin-Short, S.B., Rodday, A.M., Aaron, L.A., Higdon, M.A., Stoto, M.A. Public Health Systems Research in Emergency Preparedness. A Review of the Literature. AcademyHealth Annual Research Meeting, Chicago, June 2009.
45. Higdon, M.A., Klaiman, T., Shin, P., Stoto, M.A. Evaluation of the DC Emergency Healthcare Coalition (DCEHC). Presented at National Healthcare Preparedness, Evaluation, and Improvement Conference, Crystal City VA, July 2009.
46. Stoto M.A. Did military service cause my illness? New approaches to assessing causality for veterans' compensation policy. American College of Epidemiology, Silver Spring, MD, September 2009.
47. Stoto M.A. State and local health rankings. Public Health Services Research Interest Group Policy Breakfast, AcademyHealth National Health Policy Conference, Washington, February 2010.
48. Stoto M.A. Learning from 2009 H1N1 about Public Health Surveillance. Public Health Preparedness Summit, Atlanta, February 2010. Repeated at:
 - National Emergency Management Summit, Washington, March 2010.
49. Klaiman, T., Kraemer, J., Stoto M.A., School Closures in Response to A/H1N1: Issues for Decision-Makers. Public Health Preparedness Summit, Atlanta, February 2010.
 - Repeated at National Emergency Management Summit, Washington, March 2010.

50. Stoto M.A. A Learning Collaborative to Improve the Effectiveness of MRC Flu Clinic Deployments. Public Health Preparedness Summit, Atlanta, February 2010.
51. Savoia, E., Higdon, M.A., Short, S., Tallon, L., Stoto, M.A. A Toolkit to Assess the Effectiveness of MRC Volunteers Assisting Local Public Health Departments. Public Health Preparedness Summit, Atlanta, February 2010.
52. Stoto M.A. "Real-Time" After Action Report for the Massachusetts Public Health System Response to 2009 H1N1. Keeneland Conference, Lexington, KY, April 2010.
53. Stoto M.A. What Has 2009 H1N1 Taught Us About the Performance of Public Health Disease Surveillance Systems?, Harvard School of Public Health Center for Public Health Preparedness, Boston, June 2010.
 - Also presented at CDC, January, 2011
54. Stoto M.A. Learning from H1N1 about Public Health Systems. Methods workshop, AcademyHealth Annual Research Meeting, Boston, June 2010.
55. Stoto M.A. Conducting PHSSR Research in Public Health Agency Settings, Practice-based Research Workshop, National Association of County and City Health Officials Annual Meeting, Memphis, July 2010.
56. Viswanath K, Stoto M.A. Opportunities and Challenges in Developing Public Health Emergency Preparedness (PHEP) Measures and Metrics: Exemplars from the Harvard PERRC, CDC, January 2011
57. Higdon, MA, Stoto M.A. Using Learning Collaboratives to Improve Public Health Emergency Preparedness. Public Health Preparedness Summit, Atlanta, February 2011.
58. Stoto M.A. What have we learned from 2009 H1N1 about public health emergency response capabilities? Public Health Preparedness Summit, Atlanta, February 2011.
59. Stoto M.A., Zhang, Y., Did Advances in Global Surveillance and Notification Systems Make a Difference in the 2009 H1N1 Pandemic? Building the Evidence Base for Public Health Emergency Preparedness, VHA Comprehensive Emergency Management Program Evaluation and Research Conference, Alexandria VA, May 2011.
60. Stoto M.A. A Decade after 9/11, Are we Better Prepared for Public Health Emergencies? A Population Health Perspective, Jefferson School of Population Health Policy Forum, Philadelphia, September 2011. <http://jdc.jefferson.edu/hpforum/55/>
61. Stoto M.A. Disposition of the Air Force Health Study, Air Force Health Study Data and Specimens Committee, Institute of Medicine, March 2012.
62. Stoto M.A. Study Designs for the Safety Evaluation of Childhood Immunization Schedules, Committee on Assessment of Studies of Health Outcomes Related to the Recommended Childhood Immunization Schedule, Institute of Medicine, May 2012.
63. Stoto M.A. A Public Health Emergency Preparedness Critical Incident Registry, AcademyHealth Public Health Systems Research Interest Group methods panel, Orlando, June 2012.
64. Stoto M.A. Model Design of the National Health Security Preparedness Index, State Public Health Preparedness Directors Conference, Philadelphia, September, 2012.
65. Stoto M.A. Research Contributions to the National Health Security Preparedness Index, Dynamics of Preparedness Conference, Pittsburgh, October, 2012.
66. Stoto M.A. Early Warning and Characterization of Infectious Disease Outbreaks (panel discussion), AAAS Center for Science, Technology, and Security Policy, Washington, November, 2012.

67. Stoto M.A. Measuring and Assessing Public Health Preparedness, Emergency Public Health and Disasters Conference, Torrance, CA, May, 2013.
68. Stoto M.A. A New Paradigm for Population Health and the Use of Population-Based Health and Health Care Measures, AHRQ Learning Network for Chartered Value Exchanges Webinar, September, 2013.
69. Stoto M.A. Learning from singular events in public health emergency preparedness: The role of peer assessment and a Critical Incidents Registry, CDC, Atlanta, September 2013.
70. Stoto M.A. Their First Real Test: Did Advanced Biosurveillance Systems Help Detect and Provide Situational Awareness for the 2009 H1N1 Pandemic? Medicine 2.0, London, September, 2013.
71. Stoto M.A. History Doesn't Have to Repeat Itself: Using Lessons Learned From Disasters (panel discussion). Public Health Preparedness Summit, Atlanta, February 2014.
72. Stoto M.A. New Avian Influenzas in East Asia: Global Health Security and Policy (panel discussion). Georgetown University, Washington, April, 2014.
73. Stoto M.A. Population Health and System Integration (panel discussion). Moving beyond Compliance Current Practices and Future Considerations for Health Systems Georgetown University, Washington, April, 2014.
74. Stoto M.A. Population Health: What It Is, What It Is Not, and Where It Is Heading (panel discussion). Creating an Integrated Child Health System Using a Population Health Perspective. Grantmakers In Health, Washington, April, 2014.
75. Stoto M.A. & Piltch-Loeb, R.N. Using Root Cause Analysis and Peer Assessment to Learn from Experiences with Public Health Emergencies. ASPPH/PERLC Webinar, August, 2014. <http://www.aspph.org/event/preparedness-and-emergency-response-learning-center-webinar-using-peer-assessment-and-root-cause-analysis-to-assess-and-improve-health-system-emergency-response/>
76. Stoto M.A. Assessing and measuring public health emergency preparedness (keynote address), European Centre for Disease Prevention and Control, Stockholm, Sweden, October, 2014.
77. Stoto M.A. Population Health in the Affordable Care Act Era: Implications Healthcare Providers, Big Data & Healthcare Analytics Forum, Boston, November, 2014.
78. Stoto, M.A. A tale of two cities: Ebola in Dallas & New York, and the lessons for public health emergency preparedness. AcademyHealth National Health Policy Conference, Washington, February, 2015.
79. Stoto, M.A. Learning from Critical Incidents. In West Virginia Water Crisis—A Look Back: Moving Forward to Building an Evidence-Based Water Security Program for Public Health (workshop). Public Health Preparedness Summit, Atlanta, April, 2015.
80. Stoto, M.A. Population Health Measurement: Applying Performance Measurement Concepts in Population Health Settings. AcademyHealth Population Health Community of Practice (POPCOP) webinar, April, 2015.
81. Stoto, M.A. Discussant: Best of Annual Research Meeting session. AcademyHealth Annual Research Meeting, Minneapolis, June, 2015.

82. Stoto, M.A. Options and Issues for Sustainable Expansion of Scope and Content of the National Library of Medicine's Public Health Information Access Project. AcademyHealth Annual Research Meeting, Minneapolis, June, 2015.
83. Stoto, M.A. A Logic Model for Public Health Emergency Preparedness, European Centre for Disease Prevention and Control (ECDC), Stockholm, Sweden, December, 2015.
84. Stoto, M.A. Organizational learning from actual public health emergencies: Development and analysis of a Critical Incident Registry, Addressing Knowledge Gaps in Infectious Disease Emergency Preparedness in Europe meeting, European Centre for Disease Prevention and Control (ECDC), Stockholm, Sweden, February, 2016.
85. Stoto, M.A. North American Lessons from Critical Incident Reviews, Effective Use of Critical Incident Reviews to Support Emergency Preparedness meeting, European Centre for Disease Prevention and Control (ECDC), Stockholm, Sweden, February, 2016.
86. Stoto, M.A. Can we really learn from our mistakes (and successes) to improve public health preparedness? Staff seminar, European Centre for Disease Prevention and Control (ECDC), Stockholm, Sweden, February, 2016.
87. Stoto, M.A. Using a logic model and standard capabilities to assess Member States' preparedness and design competency-based training programs to fill the gaps, Public Health Capacity and Communication unit staff meeting, European Centre for Disease Prevention and Control (ECDC), Stockholm, Sweden, February, 2016.
88. Stoto, M.A. The Road Less Traveled: Applying Performance Measurement Concepts in Population Health. Population Health Forum, Boston, May, 2016.
89. Stoto, M.A. Core competencies for strengthened public health system preparedness. European Public Health Association Conference, Vienna, Austria, November, 2016.
90. Stoto, M.A. From SARS to H1N1 to Ebola and beyond: learning from experience with institutional responses to public health emergencies. European Public Health Association Conference, Vienna, Austria, November, 2016. *European Journal of Public Health*, Volume 26, Issue suppl_1, 1 November 2016.
91. Stoto, M.A. Learning from the experience of public health system responses to emergencies. Sichuan Center for Disease Control, Chengdu, China, December, 2016.
92. Stoto, M.A. Why do we need small area estimates? Innovations in Monitoring Population Health, AcademyHealth, Washington, January, 2017.
93. Stoto, M.A. International Perspectives on review of public health emergency events, Expert Meeting on Good Practice in the Review of Public Health Emergency Events, European Centre for Disease Prevention and Control (ECDC), Berlin, Germany, March, 2017.
94. Stoto, M.A., Klaiman, T., Davis, M.V., Community Health Needs Assessments: An environment scan of the context, expectations, current practices, and opportunities for improvement. Public Health Systems Research Interest Group meeting, AcademyHealth, New Orleans, June, 2017.
95. Stoto, M.A., Meta-analysis for Drug Safety Assessment: Promises and Pitfalls, Biostatistics, Bioinformatics, and Biomathematics seminar, Georgetown University, October, 2017.

96. Stoto, M.A., Learning from the experience of public health system responses to emergencies. Global Consultation on After Action Reviews and Simulation Exercise under the IHR Monitoring and Evaluation Framework, WHO, Geneva, February 2018.
97. Stoto, M.A., Davis, M.V., Atkins, A., Measurement for Community Health Improvement Processes. Association for Community Health Improvement, Atlanta, March, 2018.
98. Stoto, M.A., International perspectives on assessing public health system emergency preparedness. Think Tank on Local Jurisdiction Measures, National Health Security Preparedness Index, Washington, March, 2018.
99. Stoto, M.A., The Great Influenza Pandemic of 1918: Will we be ready for the next pandemic? Last Chance Lecture, Georgetown University, May, 2018.
100. Stoto, M.A., Presentation to the Committee on Evidence-Based Practices for Public Health Emergency Preparedness and Response, National Academies of Science, Engineering, and Medicine, Washington, April, 2018.
101. Jarris, Y.S., Lin, K., Cammack, A., Stoto, M.A., Integrated Training for Population Health & Prevention in Medical Education. Society of Teachers of Family Medicine Spring Conference, Washington, May, 2018.
102. Stoto, M.A., Bouey, J., Song, T., Luo, H., Boyce, M., Katz, R. At the Frontier of the Global Battle Against Emerging Infections: Managing Avian Influenza in Guangdong, China. U.S.-China Research Group on Global Health and Migration, Georgetown University, Washington, May, 2018.
103. Stoto, M.A., The Great Influenza Pandemic of 1918: When will it recur, and will the world be ready? Last chance lecture, Georgetown University, Washington, May, 2018.
104. Stoto, M.A., Davis, M.V., Atkins, A., Best Practices in Population Health Measurement for Community Health Improvement. Public Health Systems Research Interest Group meeting, AcademyHealth, Seattle, June, 2018.
105. Stoto, M.A., Davis, M.V., Atkins, A., Making Better Use of Population Health Data for Community Health Improvement. American Public Health Association annual meeting, San Diego, November, 2018.
106. Stoto, M.A., Using Measurement in Community Health Improvement Processes to Identify Priorities and Drive Change. Collaborative Working Group on CHNAs Principles and Practices, Leadership Consortium for a Value & Science-Driven Health System, National Academy of Medicine, Washington, December, 2018.
107. Stoto, M.A., Nelson, C., Piltch-Loeb., Getting the most from After Action Reviews to improve global health security. Global Health Security 2019, Sydney, Australia, June, 2019.
108. Stoto, M.A., After Action Review and Preparedness Capacity Building: Madagascar Plague. Panel discussion at Scaling Up Country Health Emergency Preparedness, WHO Side Event Meeting, Global Health Security 2019, Sydney, Australia, June, 2019.
109. Stoto, M.A., After Action Reviews (AARs) to enhance the validity of public health preparedness measurement. Expert Meeting on Indicators of Public Health Emergency Preparedness, European Centre for Disease Prevention and Control (ECDC), Stockholm, December, 2019.

110. Stoto, M.A., Best practices in After Action Reviews to enhance public health preparedness. Global Consultation on After Action Reviews and Simulation Exercises, World Health Organization, Tunis, December, 2019.
111. Stoto, M.A., Nelson, C., The Limitations of Current AAR Practice and Implications for COVID-19 Era (panel discussion), 2020 Preparedness Summit (on-line), August, 2020.
112. Stoto, M.A., Better data to guide the COVID-19 response: surveillance, testing, and valid metrics. Region 1 COVID-19 Health and Social Services Forum (webinar), November, 2020.
113. Stoto, M.A., Beyond the current metrics: Monitoring COVID-19 with excess mortality and sampling methods. Region 1 COVID-19 Health and Social Services Forum (webinar), March, 2021.
114. Stoto, M.A., A national framework to improve mortality, morbidity, and disparities data for COVID-19 and other large-scale disasters, National Committee on Vital and Health Statistics Spring meeting (webinar), April, 2021.
115. Rothwell C. & Stoto, M.A., Improving statistical systems in times of national emergencies – an unexpected journey, Senior Statisticians Society (webinar), April, 2021.
116. Wynia, M., Stoto, M.A., Lichtveld, M., Vanderwagen, C., Rothwell C. (panel discussion), Improving morbidity and mortality reporting for large scale epidemics and natural disasters (on-line), Data Symposium 2021, May, 2021.
117. Stoto, M.A. (panelist), Competencies for protecting health in the pandemic era, #LearningSavesLives Webinar Series, World Health Organization, June, 2021.
118. Stoto, M.A. COVID-19: A Global Public Health Systems Perspective, Institute for Advanced Studies, Università di Bologna, Bologna, Italy, October, 2021.
119. Stoto, M.A. (panelist), Excess Mortality: Estimation methods and COVID-19 results in Italy and the U.S. Università di Bologna, Bologna, Italy, October, 2021.
120. Stoto, M.A. managing hospital partnerships to improve community health: common goals, accountability, shared data systems, and metrics, Virginia Association for Healthcare Quality (webinar), October, 2021.
121. Fantini, M.P. (with contributions from M. A. Stoto and C. Reno), Competenze e strumenti per la preparedness in sanità pubblica: come passare dal piano concettuale a quello operativo (Skills and tools for preparedness in public health: how to move from the conceptual to the operational level). Italian Society of Hygiene, Preventive Medicine and Public Health (SIItI) annual meeting, Lecce, Italy, November, 2021.
122. Stoto, M.A., COVID-19: A global health systems perspective, International Cooperation for Global Challenges: 50 Years of Building Research Bridges at IIASA, Boston, May 2022.
123. Stoto, M.A., Reno, C., Tsoleva, S., Fantini, M.P., Insights from COVID-19 on surveillance and detection capacities and capabilities, Oral presentation at the Global Health Security Conference (GHS 2022), Singapore, June 2022.
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125. Stoto, M.A., Schlageter, S., Kraemer, J.D., COVID-19 Mortality in the United States: The Role of Excess Mortality Estimates, Oral Presentation at the International Conference on Health Policy Statistics, Scottsdale, Arizona, January 2023.
126. Stoto, M.A., Better Metrics to Guide Public Health Policy: Lessons Learned From COVID-19 for Public Health Data Systems Improvement, Data Foundation 2023 Research Symposium, March, 2023