

SUMMARY *Improving health through the innovative use of health information*

EDUCATION **Yale School of Medicine, New Haven, CT**
M.D. *cum laude*, 1996

Harvard School of Public Health, Boston, MA
M.Sc. Population Sciences, 1991

Harvard College, Cambridge, MA
A.B. Biochemistry, *magna cum laude*, 1989

EXPERIENCE **Brookings Institute**
Visiting Fellow, Engelberg Center for Health Care Reform
Advising on payment reform and delivery system transformation activities. Leading a learning network initiative focused on Accountable Care in independent practices

Office of the National Coordinator for Health IT (ONC), United States DHHS
National Coordinator, April 2011-October 2013 (political appointee)
Principal Deputy National Coordinator, and Senior Advisor, July 2009- April 2011
Coordinated US efforts to build a health information technology infrastructure for payment reform, care delivery transformation and consumer empowerment.

- Oversaw a dramatic increase in adoption of Electronic Health Records (EHRs)--from 9→44% among hospitals, and 17→40% among outpatient providers
- Created a culture of “government entrepreneurship” at ONC, to be announced as top 25 “Innovations in Government” finalist by Harvard Kennedy School
- Provided strategic leadership, maintained bipartisan political support, served as chief health IT spokesperson for the United States
- Championed consumer eHealth, patients’ rights to their health data (the “blue button”), and “rules of the road” for privacy and security

Led the implementation of the Health IT for Economic and Clinical Health (HITECH) Act including the design, development, and monitoring of:

- The “Meaningful Use” Incentive Program (in collaboration with CMS)
 - Over 4,000 (85%) eligible hospitals, over 380,000 (74%) eligible professionals participating nationwide in less than three years.
 - Over \$13B in Medicare and Medicaid incentive payments earned
- EHR Certification Program
 - Established regulations, certification criteria, and interoperability standards
 - Oversaw a robust market with 941 vendors and over 1,700 unique products.
- The Regional Health IT Extension Program- \$800 million
 - 62 centers that offer technical assistance and guidance, accelerating adoption and meaningful use of EHRs by over 140,000 primary care providers, particularly in rural areas and other underserved settings.
- State Health Information Exchange Cooperative Agreements- \$564 million
 - Enabled and encouraged state-led efforts to increase information exchange
- Beacon Community Program- \$250 million
 - Funded 17 pioneering communities to achieve improved outcomes
- Health IT Workforce programs- \$100 million (18k professionals trained)
- Strategic Health IT Advanced Research Projects (SHARP) Program- \$60 million

New York City Department of Health and Mental Hygiene

Assistant Commissioner, Primary Care Information Project, Jan 2005- June 2009.

Designed, created, and led the national model for the Health IT Extension Program

- Established the vision, strategy, and implementation process for \$60M initiative; recruited, hired, and led 50-member team
- Extended EHRs to over 1200 physicians in 3 hospitals, 12 community health centers, 200 small practices, and 1 jail, with >99% success rate
- Provided onsite quality improvement, enabled automated quality measurement, implemented novel pay-for-prevention program based on clinical outcomes
- Principal Investigator for NYC Center of Excellence in Public Health Informatics, and multiple other federal (CDC, DHS, AHRQ), state, and foundation grants (Commonwealth Fund, Robert Wood Johnson, Robin Hood, Wellpoint, Verizon)
- Led media interactions with national print, radio, and television outlets
- Testified before members of congress, state legislature, and city council

Assistant Commissioner, Epidemiology Services, April 2002-January 2005

Created new Bureau dedicated to use of information for public health action

- Provided data and epidemiologic support to NYC's aggressive new anti-smoking and other public policy initiatives
- Created advanced statistical unit and a GIS center of excellence
- Launched annual 10,000 person community health telephone survey
- Provided unprecedented web access to multiple public health datasets
- Created new publication series for citywide and neighborhood health assessments

Clinical Assistant Professor, Cornell Weil Medical College, April 2001-2009

President, OutbreakDetect Inc., August 2000-April 2002

Provided epidemiologic consulting around use of routinely collected data for real-time health surveillance. One of the lead investigators of anthrax letter attacks. Developed New York City's syndromic surveillance systems.

Epidemic Intelligence Service Officer, Centers for Disease Control and Prevention (CDC), July 1998- July 2000

One of the lead investigators in 1999 West Nile virus outbreak. DHHS, USDA, and USPHS honor awards and unit commendations. Created new information system and workflows for integrating epidemiologic and laboratory processes and data.

Medical Resident, Mass General Hospital, July 1996- June 1998

Research Associate, Yale AIDS Program, Sept 1992-June 1996

Research Assistant, Harvard School of Public Health, Sept 1990- June 1991

LEADERSHIP ACTIVITIES	<p>United States Health IT Policy Committee, Chair 2011-October 2013</p> <p>Meaningful Use Workgroup co-Chair 2009</p> <p>Get Real Health Board of Directors</p> <p><i>HealthInsight</i> QIN-QIO National Advisory Panel</p> <p>International Society for Disease Surveillance, Founder and past Chair Convened and created a community of researchers and practitioners in statistics, clinical care, informatics, and public health, using Big Data to advance health surveillance. <ul style="list-style-type: none"> • Created 501(c)3 professional society, elected Board Chair 2005-2008 • Obtained grant funding, organized annual conferences, created new journal </p> <p>CDC National Biosurveillance Advisory Subcommittee</p> <p>Markle Foundation Connecting For Health Steering Group</p> <p>NY eHealth Collaborative Board of Directors</p> <p>eHealth Initiative Leadership Council (2006-2008)</p> <p>RWJF Project HealthDesign National Advisory Committee</p> <p>Models of Disease Agent Study (MIDAS), NIGMS/ NIH, Steering Committee</p> <p>Institute of Medicine Committee on Measures to Enhance the Effectiveness of CDC Quarantine Station Expansion Plan for U.S. Ports of Entry</p>
LICENSURE	<p>New York State Medical License # 60212781 (inactive)</p> <p>American Board of Internal Medicine—Board Certified 8/25/99</p>
HONORS & AWARDS	<p>Alpha Omega Alpha (AOA) Honor Society, Yale School of Medicine (1996)</p> <p>Martin Luther King Community Service Award, Yale School of Medicine (1992)</p> <p>Silver medalist, Elite Lightweight Four at the US Rowing Nationals (1990)</p> <p>Lightweight Protocol, Harvard Varsity Lightweight Crew (1988-89)</p> <p>Harvard College Scholar (1987-1989)</p>
INTERESTS	<p>Exploring nature with my wife Kim and our 3 children (ages 13, 11, and 8), bicycle commuting, behavioral economics</p>

SELECTED PUBLICATIONS

- DesRoches CM, Charles D, Furukawa MF, Joshi MS, Kralovec P, **Mostashari F**, Worzala C, Jha AK. Adoption of electronic health records grows rapidly, but fewer than half of US hospitals had at least a basic system in 2012. *Health Aff (Millwood)*. 2013 Aug;32(8):1478-85.
- *Hsiao CJ, Jha AK, King J, Patel V, Furukawa MF, **Mostashari F**. Office-based physicians are responding to incentives and assistance by adopting and using electronic health records. *Health Aff (Millwood)*. 2013 Aug;32(8):1470-7
- Conway PH, **Mostashari F**, Clancy C. The future of quality measurement for improvement and accountability. *JAMA*. 2013 Jun 5;309(21):2215-6.
- *Ricciardi L, **Mostashari F**, Murphy J, Daniel JG, Siminerio EP. A national action plan to support consumer engagement via e-health. *Health Aff (Millwood)*. 2013 Feb;32(2):376-84.
- Abir M, **Mostashari F**, Atwal P, Lurie N. Electronic health records critical in the aftermath of disasters. *Prehosp Disaster Med*. 2012 Dec;27(6):620-2.
- Marcotte L, Seidman J, Trudel K, Berwick DM, Blumenthal D, **Mostashari F**, Jain SH. Achieving meaningful use of health information technology: a guide for physicians to the EHR incentive programs. *Arch Intern Med*. 2012 May 14;172(9):731-6
- *Williams C, **Mostashari F**, Mertz K, Hogin E, Atwal P. Strategy for advancing the exchange of health information. *Health Aff (Millwood)*. 2012 Mar;31(3):527-36.
- Mostashari F**. David Brailer and Farzad Mostashari: two national health IT czars compare notes. Interview by David J Brailer. *Health Aff (Millwood)*. 2012 Mar;31(3):475-80.
- Shapiro JS, **Mostashari F**, Hripcsak G, Soulaakis N, Kuperman G. Using Regional Health Information Exchanges to Improve Public Health. *Am J Public Health*. 2011 Apr;101(4):616-23.
- *Maxson ER, Buntin MJ, **Mostashari F**. Using electronic prescribing transaction data to estimate electronic health record adoption. *Am J Manag Care*. 2010 Dec;16(12 Suppl HIT):e320-6.
- Maxson E, Jain S, Kendall M, **Mostashari F**, Blumenthal D. The regional extension center program: helping physicians meaningfully use health information technology. *Ann Intern Med*. 2010 Nov 16;153(10):666-70.
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- *Jenkins M, Levy J, Cohen E, Yoon S, Singer J, **Mostashari F**. Integration of self-management tools in personal and provider e-health records. *Stud Health Technol Inform*. 2009;146:179-84.
- * Hripcsak G, Soulaakis ND, Li L, Morrison FP, Lai AM, Friedman C, Calman NS, **Mostashari F**. Syndromic Surveillance Using Ambulatory Electronic Health Records. *J Am Med Inform Assoc*. 2009 May-Jun;16(3):354-61.
- Mostashari F**, Tripathi M, Kendall M. Lessons Learned from Two Large Community Electronic Health Record (EHR) Extension Projects. *Health Aff (Millwood)*. 2009 Mar-Apr;28(2):345-56.
- Diamond C, **Mostashari F**, Shirky C. Data Aggregation and Sharing for Population Health: Exploring a New Paradigm. *Health Aff (Millwood)*. 2009 Mar-Apr;28(2):454-66.
- Frieden TR, **Mostashari F**. Health care as if health mattered. *JAMA*. 2008 Feb 27;299(8):950-2.
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- Nguyen TQ, Thorpe L, Makki HA, **Mostashari F**. Benefits and barriers to electronic laboratory results reporting for notifiable diseases: the New York City Department of Health and Mental Hygiene experience. *Am J Public Health*. 2007 Apr; 97 Suppl 1:S142-5. Epub 2007 Apr 5.
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- *Pathela P, Hajat A, Schillinger J, Blank S, Sell R, **Mostashari F**. Discordance between sexual behavior and self-reported sexual identity: a population-based survey of New York City men. *Ann Intern Med*. 2006 Sep 19;145(6):416-25. Erratum in: *Ann Intern Med*. 2006 Dec 19;145(12):936.
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Mostashari F, Bunning M, Kitsutani P, et al. Epidemic West Nile Encephalitis, New York, 1999: Results of a Household-Based Seroprevalence Survey. *Lancet* 2001 July 28;358: 261-4.

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