

JAMES WALTER BUEHLER, M.D.

Teaching Professor (part-time), Department of Health Management & Policy
Dornsife School of Public Health, Drexel University
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EDUCATION

M.D., University of California, San Francisco, 1977
Regents' Scholarship on Admission

B.A., Biochemistry, University of California, Berkeley, 1973
Phi Beta Kappa
Honors Program participant in major with great distinction; distinction in general scholarship

PROFESSIONAL TRAINING

University of North Carolina, Chapel Hill, NC
Public Health Leadership Institute, 2010-2011 (participant in training program while full-time CDC employee)

Centers for Disease Control and Prevention, Atlanta, GA
Preventive Medicine Residency, 1982-1984
Epidemic Intelligence Service, 1981-1983

University of Oregon Health Sciences Center, Portland, OR
Pediatric Residency, 1980-1981

Phoenix Hospitals Affiliated Pediatric Program, Phoenix, AZ
Pediatric Internship and Residency, 1977-1979

PROFESSIONAL EXPERIENCE

2016-present. Department of Health Management & Policy, Dornsife School of Public Health, Drexel University

Teaching Professor [part-time] (2022-present)

- Teaching: Instruct and mentor masters- and doctorate-level students

Clinical Professor (2016-2022) and Interim Chair (2019-2022)

- Leadership and administration:
 - Director, Masters of Public Health (MPH) Program, Office of the Associate Dean for Academic Affairs (2017-2019)
 - Interim Chair, Department of Health Management & Policy (2019-2022)
- Teaching: Instruct and mentor masters- and doctorate-level students, contribute to curriculum and program development
- Research: Contribute to applied research and evaluation projects to improve public health systems and services; affiliate of Drexel Urban Health Collaborative

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- Service: Contribute to work of university, professional, community, and civic organizations to advance public health in the Philadelphia community.

2014-2016. Philadelphia Department of Public Health, City of Philadelphia

Health Commissioner

- Under the administration of Mayor Michael A. Nutter, led the Philadelphia Department of Public Health in achieving its mission “to protect and promote the health of all Philadelphians and to provide a safety net for the most vulnerable.”
- Oversaw work of deputy commissioners and division directors responsible for managing programs that address infectious diseases, including HIV/AIDS, chronic diseases, maternal and child health, childhood lead poisoning, environmental health, air quality, and food protection; and for operating 8 primary care clinics, the public health laboratory, the medical examiner’s office, the Philadelphia Nursing Home, and infrastructure services (information technology, human resources, and finance/budget).
- Led public health response to major events, situations, and opportunities, including the threat of Ebola virus importation, Pope Francis’ visit to Philadelphia, and public health opportunities arising from the expanded use of electronic health records and the Affordable Care Act
- Served as Chair of Philadelphia Board of Health
- Responsible for annual budget of ~\$350M and staff of ~1,200 people.

2013-2014, Department of Health Management & Policy, School of Public Health, Drexel University

Professor

- See above, granted leave-of-absence to serve as Philadelphia Health Commissioner (7/2014-1/2016)

2011-2012. Public Health Surveillance & Informatics Program Office, Office of Surveillance, Epidemiology and Laboratory Services, Centers for Disease Control & Prevention, Atlanta, GA

Director

- Led merger of Public Health Surveillance Program Office and Public Health Informatics & Technology Program Office, resulting in new Program Office with operating budget of ~\$100M, 180 employees, and 215 contractors.
- In addition to continuing responsibilities of prior position as Director of the Public Health Surveillance Program Office, provided direction and oversight of informatics & IT infrastructure services for public health information exchange; informatics & IT support for surveillance systems managed by Program Office; support for health departments and CDC programs in achieving population health benefits arising from expanding automation of health information; and engagement of state/local health department representatives and CDC programs in shaping national program to promote “Meaningful Use” of electronic health records.

2010-2011. Public Health Surveillance Program Office, Office of Surveillance, Epidemiology and Laboratory Services, Centers for Disease Control & Prevention, Atlanta, GA

Director

- Led ongoing strategic development of Program Office, including oversight of:
 - Division of Behavioral Surveillance responsible for Behavioral Risk Factor Surveillance System, initiation of periodic surveillance report on mental health/illness in adults, and

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one-year survey on behavioral and mental health status of Gulf state populations affected by 2010 Deepwater Horizon oil spill.

- Division of Notifiable Disease Surveillance and Healthcare Information responsible for National Notifiable Diseases Surveillance System, BioSense 2.0 surveillance system (since renamed the National Syndromic Surveillance System), and support of state and local health departments in achieving the population health objectives related to the “Meaningful Use” of electronic health records.
- Planning & Partnership Activity responsible for supporting CDC “home” for surveillance regarding cross-cutting issues in surveillance practice.
- Biosurveillance Coordination Activity responsible for managing National Biosurveillance Advisory Subcommittee, developing registry of CDC surveillance activities, and collaborating with other HHS and federal agencies engaged in biosurveillance activities.

2009-2010. Centers for Disease Control and Prevention.

Distinguished Consultant, full-time assignment from Emory University to CDC via interagency personnel agreement

National Center for Public Health Informatics (NCPHI), Centers for Disease Control and Prevention, Atlanta, GA

Associate Director for Surveillance and Epidemiology (Acting)

- Recruited by CDC Director to coordinate the Distribute project, a national syndromic surveillance system for influenza-like illness among people seeking care in hospital emergency departments. Project involved collaboration with external CDC partners (International Society for Disease Surveillance, Public Health Informatics Institute, Council of State and Territorial Epidemiologists, and National Association of County and City Health Officials) and internal collaboration (Influenza Division, 2009-H1N1 Influenza response team, CDC Emergency Operations Center, and Coordinating Office on Terrorism Preparedness and Emergency Response)
- Served as H1N1 Influenza lead for Office of Surveillance, Epidemiology, and Laboratory Services (proposed).

Public Health Surveillance Program Office, Office of Surveillance, Epidemiology and Laboratory Services, Centers for Disease Control & Prevention, Atlanta, GA

Acting Director

- Led development of new Program Office as part of CDC reorganization.
- Incorporated existing units and activities from three CDC Centers/Offices, including Biosurveillance Coordination, Behavioral Risk Factor Surveillance System, BioSense, Distribute, National Notifiable Diseases Surveillance System, and Assessment Initiative. Established new activities to support cross-cutting CDC-wide surveillance functions. Initiated strategic planning.
- Responsible for oversight of redesign of BioSense program (since renamed the National Syndromic Surveillance System), under ongoing scrutiny by Government Accountability Office.

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2002-2010. Department of Epidemiology and Center for Public Health Preparedness and Research, Rollins School of Public Health, Emory University, Atlanta, GA

Research Professor

- As principal investigator/co-investigator on grant-funded projects, conducted interdisciplinary, applied research aimed at improving public health emergency response capacities and enhancing application of epidemiology in public health policy and practice (see section on Grants and Contracts).
- Lead Instructor for Epidemiology 515D, Introduction to Public Health Surveillance, in distance-based MPH program for mid-career students.
- Mentored MPH and PhD students, including serving as MPH thesis and PhD dissertation advisor.

2002-2008. Epidemiology Branch, Division of Public Health, Georgia Department of Human Resources (DHR), Atlanta, GA

Consultant Epidemiologist (contract between GA-DHR and Emory University, for 40% level of effort)

- Collaborated with Division epidemiologists and emergency response managers to strengthen state's capacity to detect and respond to bioterrorist attack or other large-scale public health threat.
- Supported program efforts to enhance traditional disease surveillance methods, implement syndromic surveillance, strengthen emergency mass dispensing capacities, and prepare for pandemic influenza.
- Supported on-site public health emergency preparedness activities for G-8 summit meeting held in Georgia, June 2004
- At request of state health officer, served 18-month term as Public Health representative on Georgia Health Information Technology and Transparency Advisory Board chartered by Governor of Georgia to support expanded use of electronic medical records, development of health information exchanges, and improved access to information on availability and quality of healthcare services.

1999-2002. National Center for HIV, STD, and TB Prevention, Centers for Disease Control and Prevention, Atlanta, GA

Associate Director for Science

- Served as lead scientist responsible for assuring relevance, quality, integrity, and ethical conduct of scientific work in the Center.
- Represented perspective of scientists across Divisions as member of Center's senior leadership team. Worked with other Center associate and deputy directors to provide overall direction for Center's domestic and international activities.
- Projects and activities included:
 - Led initial country assessment teams to Ethiopia and Angola during start-up of CDC Global AIDS Program.
 - Convened external peer review of Center's work in HIV vaccine development.
 - Evaluated project protocols to determine whether proposed activities constituted "human subjects research" or "public health practice" and, thus, whether or not review and approval by CDC IRB was necessary.
 - Reviewed and approved all scientific protocols from Center before submission to CDC IRB.

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- Provided review and clearance of manuscripts and reports when level of visibility, importance, or potential sensitivity merited Center-level attention.
 - Represented Center on CDC Excellence in Science Committee, along with CDC-wide Committee convened by Information Resources Management Office to coordinate development and management of automated public health surveillance systems.
- Special assignment: During November 2001, served for 3 weeks as lead for 15-20 member CDC team assigned to support New Jersey Department of Health and Senior Services in responding to anthrax postal attacks.
- Represented CDC in interactions with other HHS agencies, including:
 - Participation in NIH-led review of condom effectiveness.
 - Collaboration with FDA regarding condom labeling.
 - Participation in *ad hoc* consultation convened by NIH regarding research into HIV prevention among drug users.

1997-1999. Maternal and Child Health Epidemiology Unit, Division of Public Health, Georgia Department of Human Resources, Atlanta, GA

Assigned by Division of Birth Defects and Developmental Disabilities, National Center for Environmental Health, Centers for Disease Control and Prevention, Atlanta, GA

Chief

- Led team of epidemiologists responsible for monitoring maternal and child health (MCH) in Georgia based on use of vital records and program data (WIC, Medicaid), and the Pregnancy Risk Assessment Monitoring System.
- Provided epidemiologic consultation to state's MCH programs, including programs funded by the HRSA Title V MCH Block Grant and Medicaid, in the areas of prenatal care, regionalized perinatal care, newborn screening and follow-up, nutrition, and developmental disabilities.
- Directed project to improve use of MCH data by epidemiologists in state's 19 local public health districts and perinatal service regions.
- Provided epidemiologic support to state's Maternal and Infant (Advisory) Council.

1996-1997. Division of Birth Defects and Developmental Disabilities, National Center for Environmental Health, Centers for Disease Control and Prevention, Atlanta, GA

Associate Director for Science

- Served as member of Division's senior leadership team.
- Supported and represented Division scientists.
- Provided scientific review and clearance of manuscripts and reports.
- Contributed to two ongoing, major Division surveillance programs: Metropolitan Atlanta Congenital Defects Program and Metropolitan Atlanta Developmental Disabilities Surveillance Project. Supported efforts to improve functional links between these two CDC-managed projects and MCH programs in Georgia.

1995-1996. Division of HIV/AIDS Prevention, National Center for HIV, STD, and TB Prevention, Centers for Disease Control and Prevention, Atlanta, GA

Acting Associate Director for Science, Acting Chief, Program Evaluation Branch

- Acted as member of senior management team (lead scientist) that planned and implemented reorganization of CDC's HIV, STD, and tuberculosis activities.

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- Served as chief of newly created Program Evaluation Branch; articulated Branch mission, priorities, and direction, supported continuation of previously initiated projects, and initiated new projects.
 - Convened and chaired external consultation to define HIV prevention performance measures.
 - Supervised multidisciplinary team with expertise in community psychology, program evaluation, sociology, anthropology, and epidemiology.

1992-1995. Division of HIV/AIDS, National Center for Infectious Diseases, Centers for Disease Control and Prevention

Acting Deputy Director for Science (1992-1993), Associate Director (1993-1995)

- Represented interests of Division scientists and supported Division Director in overseeing scientific work across a mix of disciplines, including epidemiology, behavioral science, laboratory, and statistics.
- Reviewed and cleared scientific manuscripts and reports.
- Initiated and led cross-CDC effort to support use of epidemiologic data by community-based HIV prevention planning groups, which advised states in use of CDC HIV prevention funds. Participated in national HIV prevention planning meetings involving collaboration with representatives of health departments and community-based organizations.
- Served as staff liaison to “Monitoring the Epidemic” subcommittee of DHHS HIV Prevention Advisory Committee (managed by CDC), which conducted extensive external review of CDC’s HIV/AIDS programs.
- Represented CDC Associate Director for HIV on the CDC/ATSDR Steering Committee on Public Health Information and Surveillance System Development. This committee was CDC’s first effort to standardize computer-based surveillance procedures across the agency (see: <http://www.cdc.gov/nedss/Archive/katz.pdf>).

1992. Surveillance Branch, Division of HIV/AIDS, National Center for Infectious Diseases, Centers for Disease Control and Prevention

Acting Chief

- Managed national system for HIV/AIDS case surveillance that involved >\$20M/year in cooperative agreement awards to state, territorial, and selected local health departments.
- Supervised two section chiefs in support of HIV/AIDS case reporting, Special Projects.
- Provided scientific leadership for 1993 revision of AIDS surveillance definition, including consultation with Council of State & Territorial Epidemiologists, professional organizations, and AIDS advocacy organizations; represented CDC in national and international meetings.

1988-1992. Division of HIV/AIDS, National Center for Infectious Diseases, Centers for Disease Control and Prevention

Chief, Special Projects Section, Surveillance Branch

- Led development and implementation of four multi-state HIV surveillance projects that complemented AIDS case reporting and HIV sero-surveillance, including:
 - Adult/Adolescent Spectrum of Disease Project, which complemented routine AIDS surveillance using longitudinal medical record reviews to monitor the relationship between levels of immune suppression and disease manifestations.

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- Supplement to HIV/AIDS Surveillance Project, which involved interviews with people with HIV or AIDS to monitor risk behaviors and uses of treatment and preventive healthcare services.
- Surveillance Evaluation of AIDS Reporting Completeness in Healthcare Project, which involved use of hospitalization or Medicaid records to assess and improve completeness of AIDS case reporting.
- National Death Index Project, which included linkage of AIDS case reports to national death records to improve ascertainment and characterization of AIDS-associated mortality and to assess urban-rural and state-state migration of people with AIDS between times of diagnosis and death — a consideration that affected surveillance-based allocations of HRSA Ryan White HIV CARE funds to states and localities.
- Supported these four projects by creating funding announcements, reviewing and selecting competitive applications, providing oversight of ~\$4M annual funding to state or local health departments, and working with grantees to complete projects and report results.
- Conducted analyses of death certificates to track impact of HIV epidemic on mortality.
- Supervised and mentored junior epidemiologists.

1986-1988. Division of Surveillance and Epidemiologic Studies, Epidemiology Program Office, Centers for Disease Control, Atlanta, GA

Assistant to the Director (1986-1988), **Assistant Director for Science** (1988-1988)

- Performed epidemiologic analyses of national infectious disease surveillance data.
- Aided with management and operation of CDC Surveillance Coordination Group involving development of inventory of CDC surveillance systems; partnered with epidemiologists in all Centers/Institutes/Offices to conduct public health surveillance.
- Co-authored CDC surveillance evaluation guidelines.
- Contributed to development of first comprehensive standard case definitions for notifiable diseases in conjunction with Council of State & Territorial Epidemiologists.
- Provided scientific review and clearance for Division publications.

1983-1986. Pregnancy Epidemiology Branch, Division of Reproductive Health, Center for Health Promotion and Education, Centers for Disease Control, Atlanta, GA

Medical Epidemiologist (1983-1984), **Deputy Chief** (1984-1986)

- Conducted epidemiologic studies of maternal morbidity and mortality and infant mortality in the U.S.
- Co-managed 1980 National Infant Mortality Surveillance Project involving first national linkage of information from birth and infant death certificates records since 1960 in collaboration with NCHS and state health departments.
- Contributed to overall Branch management and planning.
- Consulted with state health departments and international agencies on issues concerning maternal and child health epidemiology, including Ford Foundation (Bangladesh) and World Health Organization (Eastern Mediterranean Region).

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1981-1983. Office of Epidemiology, Georgia Department of Human Resources, Atlanta, GA
Assigned from Field Services Division, Epidemiology Program Office, Centers for Disease Control

Medical Epidemiologist/CDC Epidemic Intelligence Service Officer

- Investigated infectious and non-infectious disease outbreaks and clusters.
- Conducted epidemiologic assessments of infant mortality and other public health problems.
- Contributed to and edited *Georgia Epidemiology Report* (1982-1983).

1979-1980. Lyndon B. Johnson Tropical Medical Center, Pago Pago, American Samoa

General Medical Officer

- Provided pediatric care services (well-child care, outpatient and inpatient care) and general medical care (walk-in clinic/emergency room) for residents, expatriates, and visitors.

CERTIFICATION AND LICENSURE

Certified, American Board of Preventive Medicine, 1994

Fellow, American Academy of Pediatrics, 1993

Georgia Medical License No. 026475 (inactive, retired)

Certified, American Board of Pediatrics, 1983

Pennsylvania Medical License No. MD450607, 2014 (inactive, retired)

ACADEMIC APPOINTMENTS

2013-Present, Department of Health Management & Policy, School of Public Health, Drexel University,
Professor (2013-2014), Clinical Professor (2016-2022), Teaching Professor (2022-present)

2010-2013. Department of Epidemiology, Rollins School of Public Health, Emory University
Adjunct Professor

2002-2010. Department of Epidemiology, Rollins School of Public Health, Emory University
Research Professor

- Global Health 515D/Epidemiology 515D, Introduction to Public Health Surveillance (lead instructor), Career MPH Program, Fall 2000-2008
- Epidemiology 591, Introduction to Public Health Practice (co-instructor), Spring 2004.

1991-2002. Emory University School of Medicine

Clinical Assistant Professor of Pediatrics

- Served ½-day per week as volunteer at Grady Health Services Pediatric Special Infectious Disease Clinic and provided pediatric care to infants born to HIV-infected mothers and to infants, children, and adolescents with HIV infection.

COURSES TAUGHT

Rollins School of Public Health, Emory University

Introduction to Public Health Surveillance, International Health/Epidemiology 515D, Career MPH Program (Distance-based), Fall Trimester, 2000-2008

School of Public Health, Drexel University

Current Topics in Public Health Practice, PBHL-503, Fall Quarter, 2013
Introduction to Public Health Surveillance, PBHL-616, Spring Quarter, 2014
Overview of U.S. Public Health System, PBHL-580, Spring Quarter, 2016
Introduction to Health Policy (Section lead), PBHL-650, Winter Quarter, 2017
Introduction to Health Management (Co-instructor), PBHL-600, Spring Quarter, 2017
Introduction to Health Management and Practice, Parts 1 and 2 (Co-instructor), HMP-500 and HMP-501, Winter and Spring Quarters, 2017-2018
Introduction to Health Management and Practice Part 2, HMP-501. Spring Quarter, 2018-2019 and 2019-2020
Public Health Foundations and Systems, Parts 1 & 2 (Online), PBHL-510 and PBHL-511, Fall and Winter Quarters, 2019-2020
Introduction to Health Management and Practice Part 1, HMP-500. Fall Quarter, 2020-2021, 2021-2022, 2022-2023
HMP-T580. Who's in charge: Federal, state, & local roles in complex public health crises. Spring Quarter, 2020-2021 and 2021-2022
Executive MPH Capstone. PBHL 570-571-572, Fall-Winter-Spring Quarters, 2021-2022
HMP-600/808. Public Health Advocacy & Activism. Spring Quarter, 2022-2023
HMP-814. Doctoral Professional Development Workshop, Spring Quarter, 2022-2023

DOCTORAL DISSERTATION COMMITTEES

Rollins School of Public Health, Emory University

Elizabeth Luman, PhD in Epidemiology, ~2004. Timeliness of Childhood Immunizations.
Benjamin Silk, PhD in Epidemiology, 2008. [Completeness and Timeliness of Infectious Disease Morbidity Reporting](#)
Yuemei Wang, PhD in Biostatistics, 2009, [Statistical Performance of Spatial Systems](#)
Andrea Winquist, PhD in Epidemiology, 2009, [Trends in in-hospital acute stroke care processes and stroke patient outcomes observed during operation of the Georgia Coverdell Acute Stroke Registry](#)

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James Singleton, PhD in Epidemiology, 2012, [Evaluation of pandemic and seasonal influenza vaccination surveys](#)

Catherine Satterwhite, PhD in Epidemiology, 2011, [Chlamydia Surveillance in the United States: New Analytic Approaches and Alternate Considerations for Monitoring Trends in Disease Burden](#)

Dornsife School of Public Health, Drexel University

Jacqueline Orr, DrPH, 2019, Inpatient Tertiary Care Utilization: A Mixed Methods Study of Chronic Disease Comorbidities from 2010-2015

UNIFORMED SERVICE

Commissioned Officer, United States Public Health Service, 1981-2002, Captain (06), Retired

AWARDS

Alexander D. Langmuir Prize for best scientific manuscript by CDC Epidemic Intelligence Service officer, 1984 (**Buehler JW**, Smith LS, Wallace EW, Heath CW, Kusiak R, Herndon J.L. "Unexplained deaths in a children's hospital: An epidemiologic assessment." *N Eng J Med* 1985;313:211-216.)

U.S. Public Health Service Commissioned Corps Awards

Crisis Response Service Award, 2002

Outstanding Service Medal, 1999

Unit Commendation, 1996

Unit Commendation, 1993

Unit Commendation, 1993

Outstanding Service Medal, 1992

Commendation Medal, 1989

Unit Commendation, 1987

Commendation Medal, 1986

Achievement Medal, 1985

Rollins School of Public Health, Emory University

Public Health in Action Award, Career MPH Program, 2008

Award for Teaching in Distance Learning, 2001

Senior Biomedical Research Service, Centers for Disease Control & Prevention

Outstanding Scientific Contribution in Public Health, 1998

Public Health Service, Civil Service Honor Awards

Special Recognition Award, 1994

State of Georgia

Certificate of Commendation, 2004 G-8 Summit Public Safety Command, 2004

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PROFESSIONAL ASSOCIATIONS

AcademyHealth
American Academy of Pediatrics (Fellow)
American Public Health Association
National Association of County & City Health Officials (Affiliate member)

PROFESSIONAL ASSOCIATIONS, HONORARY SOCIETIES

American Epidemiological Society
College of Physicians of Philadelphia

COMMITTEES & COMMUNITY ORGANIZATIONS (since 2004)

Chair. Section on Public Health and Preventive Medicine, College of Physicians of Philadelphia, see: [2107-2019], Steering committee member, 2014-2016, 2019-2022], see: <https://collegeofphysicians.org/sections/public-health>.

First Vice President, Board of Directors, Healthy NewsWorks, see: www.healthynewsworks.org, [2108-present, Advisory board member, 2016-2018]

Board Member, Green Tree Community Health Foundation, see: www.greentreecommunityhealth.org, [2016-2022]

Member, Editorial Committee. *Public Health Reports*, official journal of the U.S. Surgeon General and the U.S Public Health Service, 2018-present.

Member, Technical Advisory Group, Review and Evaluation of the Substance Abuse, Mental Health and the Homelessness Grant Formulas of the Substance Abuse and Mental Health Services Administration, convened by the RAND Corporation [2018]

Member, Population Health Strategic Workgroup, HealthShare Exchange of Southeastern Pennsylvania (HSX), see: <https://www.healthshareexchange.org/population-health-program> [2018-present]

Co-Chair, Population Health Workgroup, HealthShare Exchange of Southeastern Pennsylvania (HSX), see: https://www.healthshareexchange.org/sites/default/files/pdf/participants_population_health_use_case_7-18-2017.pdf and https://www.healthshareexchange.org/sites/default/files/pdf/public_health_authority_population_health_use_case_7-18-2017.pdf [2016-2017]

Member. Health Federation of Philadelphia, Advisory Board for the “Health Center Controlled Network,” a project funded by the Agency for Healthcare Research & Quality that will enable the Federation and its member clinics (mostly Federally-qualified health centers) to use data from their electronic health records (EHRs) to monitor the quality of their healthcare services and to characterize the populations they serve. [2014 and 2016-2022]

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Member. Big Cities Health Coalition/de Beaumont Foundation Workforce Project: Cities Leading the Way – Determining How Prepared Recent MPHs are for the 21st Century Governmental Public Health Workforce [2016-2017]

Member, BeHeardPhilly Advisory Board, Institute for Survey Research, Temple University [2016-2020]

Member. Health Innovation in Pennsylvania Steering Committee & Population Health Subcommittee, Pennsylvania Department of Health [2015]

Member. Bridging the Gaps. Advisory Board, <http://www.med.upenn.edu/btg> [2014-present]

Member, Robert Wood Johnson Clinical Scholars Community Advisory Board, University of Pennsylvania, Perelman School of Medicine. [2014-2017]

Co-Chair. Mayor's Executive Traffic Safety (Vision Zero) Working Group (as Philadelphia Health Commissioner). City of Philadelphia [2015]

Member, Board of Trustees (as Philadelphia Health Commissioner), HealthShare Exchange of Southeastern Pennsylvania, Inc., <http://www.hsxsepa.org>. [2014-2015]

Member, Delaware Valley Intelligence Center (as Philadelphia Health Commissioner), Philadelphia Police Department, Executive Advisory Board [2015]

Member, PHL Life Sciences Advisory Board, Philadelphia Convention & Visitors Bureau [2014-2015]

Member. Pennsylvania Joint State Government Commission, General Assembly's Legislative Service Agency Committee on Public Health Law, Subcommittee on Data. This statewide committee aims to identify and resolve legal barriers to the use of health data, in order to help inform efforts by state agencies to protect and promote the health of Pennsylvanians. [2014]

Member. Center for Health Law, Policy and Practice, Temple University, Policy Surveillance Standards Expert Committee. This committee is advising the Center as it implements a project funded by the Centers for Disease Control & Prevention to develop a registry of state and local public health policies, extending the Center's ongoing work to develop and maintain a registry of public health laws. [2013-2014]

Member. International Society for Disease Surveillance Board of Directors. Elected to serve a 2-year term on its governing board. ISDS members include epidemiologists, statisticians, and informaticians from government agencies, academia, and industry who seek to advance the science and practice of public health surveillance (www.syndromic.org). [2014-2015]

Member. National Association of County and City Health Officials and Centers for Disease Control & Prevention, 2014 Public Health Informatics Conference Planning Committee, [2013-2014]

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Member, AcademyHealth Public Health Systems & Services Research Data Advisory Committee, [2013-2014]

Mid-Atlantic Chapter of the American Medical Informatics Association, Philadelphia, PA, Education Advisory Committee, [2014].

Robert Wood Johnson Foundation and the University of Kentucky Center for Public Health Systems & Services Research (PHSSR), PHSSR Mentored Research Scientist Development Award, Grant Review Committee, 2013

CDC Representative to the Department of Homeland Security's National Biosurveillance Integration System (NBIS) Interagency Oversight Council (NIOC), 2010-2012.

Member, Planning Committee for September 8-9, 2011, Institute of Medicine/National Academy of Sciences for Workshop on Collaboration and Information-Sharing for National Biosurveillance, 2011, <http://www.iom.edu/Activities/PublicHealth/BioStrategy/2011-SEP-08.aspx>.

Member, Sloan Foundation Grant Advisory Board on Augmenting Statistical Methods for Public Health Syndromic Surveillance Systems, NYC Department of Health and Mental Hygiene, 2011.

Member, BioSense Performance Measure Workgroup. National Center for Public Health Informatics, CDC. Chair: Barry Rhodes, PhD, March 2009.

Member, Committee on Effectiveness of National Biosurveillance Systems: BioWatch and the Public Health System, Institute of Medicine and National Academy of Sciences, Washington, DC, 2008-2009, <http://www8.nationalacademies.org/cp/projectview.aspx?key=48958>.

Member, National Center for Preparedness, Detection, and Control of Infectious Diseases Ad Hoc Working Group on Surveillance, Coordinating Center for Infectious Diseases Board of Scientific Counselors, CDC, May 2008.

Member, Advisory Board, Project ARGUS, Division of Integrated BioDefense, Imaging Science and Information Systems (ISIS) Center, Georgetown University Medical Center, Washington, DC, 2008-2009, <http://biodefense.georgetown.edu/projects/argus.aspx>.

Member, BioSense Roundtable, Association of State & Territorial Health Officials, November 2007-2008

Member, Surveillance Policy Committee, Council of State & Territorial Epidemiologists, 2006-2008.

Member, Pandemic influenza altered standards of care working group, Division of Public Health, Georgia Department of Human Resources, 2007-2008.

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American Academy of Pediatrics

- Member, National Conference and Exhibition Planning Committee, 2000-2006.
- Member, Executive Committee, Section on Epidemiology, American Academy of Pediatrics, 2001-2004.
- Member, Steering Committee, Special Interest Group on Prevention and Public Health, 2001-2004.

Member, CDC Evaluation Working Group on Public Health Surveillance Systems for Early Detection of Outbreaks, 2003-2004,

<http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5305a1.htm>.

Member, Council of State and Territorial Epidemiologists Advisory Committee on "Public health Research vs. Practice: A Report for Public Health Practitioners Including Cases and Guidance for Making Distinctions." 2003-2004.

<http://www.cste.org/pdffiles/newpdffiles/CSTEPHResRptHodgeFinal.5.24.04.pdf>.

Member, CDC Foundation Working Group on Population Health and Medical Education, May 2004.

Member, Program Committee, 2004 Syndromic Surveillance Conference, Boston, MA, November, 2004 and 2005 Syndromic Surveillance Conference, Seattle, WA, September, 2005,

<http://www.syndromic.org/>.

Member, Advisory Committee, United States-Mexico Border Health Commission, Early Warning Infectious Disease Surveillance (EWIDS) program, 2004,

<http://www.borderhealth.org/ewids.php?curr=programs>.

Workgroup Member, Respect for Human Subjects in Public Health: Regulatory Options. Principal investigators Scott Burris, Zita Lazzarini, Ron Bayer, Amy Fairchild, funded by Robert Wood Johnson Foundation Investigator Awards in Health Policy Group Research Initiative, 2005.

Delphi Expert Group Member, Indicators of Public Health Preparedness, Columbia University School of Nursing Center for Health Policy, Dr. Kristine Gebbie, Principal Investigator, 2004-2005.

Member, Health Information Technology and Transparency (HITT) Advisory Board, Georgia Department of Community Health, 2006-2008,

http://dch.georgia.gov/vgn/images/portal/cit_1210/57/39/68168225HIT_Board_Press_Release.pdf

http://dch.georgia.gov/vgn/images/portal/cit_1210/42/11/69241881HITT_Board_Press_Release.pdf.

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Drexel University Committees

Member, Educational Coordinating Committee, School of Public Health, 2013-2014
Co-chair, Health & Wellness Informatics Workgroup, Drexel University, 2014
Member, Faculty Search Committees, Dept. of Health Management & Policy, 2013-2014, 2016
Member, Drexel Senate Committee on Academic Affairs, 2016-2018
Member, Search Committee for Associate Dean for Academic and Faculty Affairs, 2017-2018
Member, Doctoral Program Oversight Committee, Dept. of Health Management & Policy, 2017-2019
Member, Appointment, Promotions, & Tenure Committee, 2017-present
Member, Scientific Advisory Committee to University Return (to campus following COVID-19 closure), 2020-present
Chair, Search Committee for Non-tenure Track Assistant/Associate Teaching Professor, 2022-2023

Emory University Committees

Epidemiology Department Chair Search Committee, 2008-2009.
Emory Fusion Group, Office of Critical Event Preparedness and Response, 2008-2009.
Rollins School of Public Health Shepard Award Committee, 2003-2005.
Woodruff Health Sciences Center Pandemic Influenza Task Force, 2005-2006.
Student Outreach Response Team (SORT), DeKalb County, Advisory Committee, 2005.

CONSULTATIONS

Consultant to the National Networks of Public Health Institutes, Health Resources In Action of Boston regarding project conducted by NNPHI under contract to the Centers for Disease Control & Prevention's National Center for Immunization and Respiratory Diseases (NCIRD), regarding an evaluation of facilitators and barriers faced by NCIRD's health department grantees in using immunization program funds.[2014]

Consultant to the University of North Carolina Preparedness and Emergency Response Research Center regarding project funded by the Centers for Disease Control & Prevention to develop a series of webinars for public health practitioners on "Beneficial Practices for Improving Biosurveillance." [2013-2014]

Consultant to Bill and Melinda Gates Foundation Avahan Project regarding HIV surveillance in India, New Delhi, India [July 2005].

Consultant to the Constella Group regarding syndromic surveillance and the CDC BioSense project [2005, 2006]

PRESENTATIONS (since 2005)

Overview of Drexel MPH Program Revision (webinar panelist), Council of Public Health Education, June 8, 2018

Policy in local public health practice. Phillycorp Americorp seminar. Philadelphia, June 17, 2016

Population Health: Why Communities Matter, 12th Annual C. Jules Rominger Lecture, Mercy Philadelphia Hospital, Philadelphia, May 12, 2016

What do you do when your patient is a population? Drexel University College of Medicine. MedTalks @Drexel. Philadelphia, February 25, 2016

What Does Population Health Mean for Public Health? Jefferson College of Population Health Forum. Philadelphia, February 10, 2016

What's It Like to Be Health Commissioner? Healthy NewsWorks Student Journalists Program. St. Martin de Porres School, Ms. Dana's 8th Grade Class, Philadelphia, December 16, 2015.

Public Health in Philadelphia: An Overview (invited speaker). RWJ Clinical Scholars Program, University of Pennsylvania Center for Public Health Initiatives Partnership Community Scholars Training Program. Philadelphia, October 28, 2015.

Introduction to the Philadelphia Department of Public Health (invited speaker). Bridging the Gaps Seminar Series, Philadelphia, October 14, 2015.

The Intersection of Race, Inequality & Health Disparities: The Philadelphia Perspective (invited panelist). O'Neill Institute Colloquium, Georgetown University, Washington, DC, October 7, 2015.

Urban Health Challenges (and Opportunities): The Philadelphia Perspective (invited plenary speaker). Symposium on Reimagining Health in Cities: New Directions in Urban Health Research. Drexel University School of Public Health, Philadelphia, September 10, 2015.

Healthy Futures: Moving the Needle on Health Issues (Roundtable panelist), Philadelphia Inquirer, Kimmel Center, Philadelphia, June 23, 2015.

Policy & Public Health in Philadelphia (invited presentation). University of the Sciences, Health Policy & Public Health Department Retreat, Philadelphia, June 3, 2015.

A Year in the Life of the Philadelphia Department of Public Health, Public Health Grand Rounds, School of Public Health, Drexel University, Philadelphia, April 22, 2015.

Where is Philadelphia Now on Population Health? Early Results (invited keynote), Converging Technology, Data, & Clinicians to Improve Community Health). Philly Tech Week 2015, Philadelphia, April 20, 2015.

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Policy & Public Health in Philadelphia (course seminar). School of Population Health, Thomas Jefferson University, Philadelphia, February 11, 2015.

Population Health, Public Health, and Meaningful Use (invited plenary). Delaware Valley Chapter, Healthcare Information and Management Systems Society, Malvern, PA, January 29, 2015.

Public Health in Philadelphia (invited speaker). Bridging the Gaps Seminar Series, Philadelphia, PA, January 14, 2015.

Learning What Works in Philadelphia (invited plenary panelist). Robert Wood Johnson Foundation Data for Health Initiative. Public Health Management Corporation, Philadelphia, PA, October 31, 2014.

Linking Research and Practice (invited co-discussant). Center for Public Health Initiatives and Prevention Research Center. University of Pennsylvania, Philadelphia, PA, October 24, 2014.

The Healthcare & Public Health Partnership: How Health Informatics Can Help, or Not (invited speaker). Center for Biomedical Informatics Speaker Series, Children's Hospital of Philadelphia, June 17, 2014.

Evolving issues in public health surveillance (invited presentation). Quarterly Epidemiology Meeting, Pennsylvania Department of Health, Harrisburg, PA, November 13, 2013.

Epidemiologic research in the era of health information automation and health reform. (invited presentation). School of Public Health, Drexel University, Philadelphia, PA, March 20, 2013.

Will "Meaningful Use" be meaningful for public health? (invited presentation). School of Public Health, Drexel University, Philadelphia, PA, January 31, 2013.

Opening Keynote: Leveraging Statewide HIE for Population Health Management, Day 3: State Health Information Exchange and Public Health Informatics (invited presentation), 2012 State Healthcare IT Connect Summit, June 21, Hyatt, Dulles, VA,
<http://www.healthcareitconnect.com/state-healthcare-it-connect-summit-2012/agenda-state-healthcare-it-connect-summit/>.

Public health surveillance and management. Digital Data Priorities for Continuous Learning in Health and Health care: An Institute of Medicine Workshop sponsored by the Office of the National Coordinator for Health Information Technology (invited panelist). Institute of Medicine, Washington DC, March 23, 2012,
<http://www.iom.edu/~media/Files/Activity%20Files/Quality/VSR/VSRT/Data%20Quality%20Workshop/Briefing%20Book%20-%20Combined.pdf>.

Invited Keynote speaker, CDC Annual Career Epidemiology Field Officers (CEFO) Program Annual Meeting, August 2011 and August 2012.

Public Health Surveillance Program Office: Surveillance Challenges & Opportunities. Council of State & Territorial Epidemiologists Annual Conference, Pittsburgh, PA, June 13, 2011.

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Electronic Health Data Perspectives (Invited plenary presentation). Vaccine Safety Datalink Annual Meeting, Portland, OR, April 27, 2011

Achieving National Biosurveillance: Issues and Options for Success (Invited panelist). Public Health Preparedness Summit 2011, Atlanta, GA, February 24, 2011.

Use of epidemiologic and other population measures in funding allocation formulas for public health programs. American Public Health Association, Annual Meeting, Philadelphia, PA, November 9, 2009, <http://apha.confex.com/apha/137am/webprogram/Paper205982.html>.

Healthcare Services Research and Public Health Surveillance: What's the Connection? (Invited plenary presentation). HMO Research Network Conference, Boston, MA, March 24, 2011.

Practical ethics issues in public health systems research (poster presentation). AcademyHealth Public Health Systems Research Interest Group Meeting, Chicago, IL, June 30, 2009.

Formula-based funding allocations in public health: describing the impact of alternate formula design options. AcademyHealth Public Health Systems Research Interest Group Meeting, Washington, DC, June 7, 2008.

Preliminary findings from BioSense Evaluation project. Abstract-based presentation at Sixth Annual International Society for Disease Surveillance Conference, Indianapolis, Indiana USA, October 11-12, 2007, (<http://www.isdsjournal.org/article/view/2136/1567> and http://www.syndromic.org/conference/2007/powerpoint/Buehler_Final_%20ISDS_2007.ppt); 2008 Public Health Preparedness Summit, Atlanta, GA, February 21, 2008. Invited presentation at Association of State and Territorial Health Officials, National Association of County and City Health Officials, & CDC BioSense Roundtable Meeting, , Washington DC, November 8, 2007. Invited presentation National Business Group on Health Avian Flu Workgroup monthly teleconference, February 7, 2007 (<http://www.nbh.org>); Panel presentation at Public Health Preparedness Summit 07, Partnering for Preparedness: Strategies & Solutions, Bright Idea Breakout Session on Business, and Public Health Partnerships for Emergency and Pandemic Influenza Preparedness, Washington, DC, February 23, 2007, (<http://www.phprep.org>).

Business and public health partnership for emergency public health preparedness in Georgia, a case study. Invited presentation at the University of Minnesota Center for Infectious Disease Research & Policy "Business Preparedness for Pandemic Influenza: Second National Summit" Conference, workshop on Community Partnerships, Orlando, FL, February 5-6, 2007, (<http://www.cidrap.umn.edu/>).

Formula-based funding for public health programs (invited presentation). Public Health Systems Research and Public Health Finance Program Seminar, Rollins School of Public Health, April 21, 2006.

Ethics at the Edge (of the Healthcare-Public Health Interface): New & Enduring Questions (invited presentation). Health Care Ethics Consortium of Georgia, Conference on Decision Making in an Age of Mistrust: Rethinking Autonomy and Justice, April 19, 2006.

Comparative assessment of pandemic influenza plans for eight southeastern states (Invited presentation). Southeastern Center for Emerging Biologic Threats. [Pandemic Influenza Planning: The Reality of Implementation in the Southeast](#). Atlanta, GA, November 10, 2005.

Public Health Responses to Katrina. Emory University Center for Ethics (Invited presentation). Conference on Ethical Responses to Hurricane Katrina, Atlanta, GA, September 13, 2005, (http://www.ethics.emory.edu/content/view/58/1/index.php?option=com_content&task=view&id=58&Itemid=0).

Trends in Healthcare Use in the New York City Region Following the September 2001 Terrorist Attacks, presented on behalf of Green D, Buehler J, Silk B, Thompson N, Schild L, Klein M, Berkelman R. Annual meeting of American Epidemiology Society, Baltimore, MD, March 24, 2005 and (Invited presentation) Emory University Interdisciplinary Responses to Trauma Conference, Atlanta, GA, April 30, 2005.

TESTIMONY & PRESS BRIEFINGS

Philadelphia City Council (testimony). Committee on Public Health & Human Services. Amending Section 10-602 of The Philadelphia Code, known as the "Clean Indoor Air Worker Protection Law," by providing for a limited period of time during which certain Private Clubs may apply for and obtain a waiver of the provisions of the Section prohibiting smoking in certain places, under certain terms and conditions (Bills # 140517, 140635, 140649, 140886). December 3, 2014 and February 11, 2015 (<https://phila.legistar.com/>).

Philadelphia City Council (testimony). Joint Committees on Public Health & Human Services and Public Safety: Citywide emergency preparedness for healthcare emergencies such as identification and safe treatment of individuals who have contracted an infectious disease, such as the Ebola virus, and strategies to effectively suppress the spread of such infectious disease (Resolution # 140789). October 16, 2014 (<https://phila.legistar.com/>).

Mayor Nutter's Infectious Disease Press Briefing, Oct. 17, 2014 (<http://oem.readyphiladelphia.org/RelId/606683/ISvars/default/Home.htm>).

Philadelphia City Council. Committee on Public Health & Human Services: Impact of bed bugs on physical and mental health, the rights and responsibilities of dealing with bed bug infestation and to commission a bed bug task force to determine best management practices and recommendations (Resolution No. 140844). December 3, 2014 (<https://phila.legistar.com/>).

Philadelphia City Council. Committee on Public Health & Human Services: Amending Section 10-602 of The Philadelphia Code, known as the "Clean Indoor Air Worker Protection Law," by providing a limited period of time during which certain

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Drinking Establishments may apply for and obtain a waiver of the provisions of the Section prohibiting smoking in certain places, under certain terms and conditions (Bill Numbers 140517, 140635, 140649, and 140886). December 3, 2014 (<https://phila.legistar.com/>).

GRANT SUPPORT & CONTRACTS (While faculty member at Emory University)

Project Lead. *Assessing the Utility of Incident Command Systems and Emergency Operations Centers in Public Health Crises*; Project lead. *Immunization Systems and Public Health Preparedness*; Consultant epidemiologist, *Academic-Community Partnerships in Preparedness. Emory Preparedness and Emergency Response Research Center (PERRC)* Centers for Disease Control & Prevention, P01 TP000300-01. PI: Ruth Berkelman, Rollins School of Public Health, Emory University. These projects involved the application of both quantitative and qualitative methods for conducting “systems research” in the area of public health emergency preparedness, with the aim of identifying effective methods and strategies for enhancing the capacity of public health agencies to prepare for, respond to, and recover from public health crises. October 2008-September 2013. [Resigned project lead roles 08/2009 to accept detail to CDC to contribute to national pandemic influenza response]

Principal Investigator. *Informing the Design of Funding Allocation Formulas in Public Health*. Robert Wood Johnson Foundation, Health Care Financing & Organization program in Public Health Systems Research. Project ID # 63615. This project evaluated the funding and policy implications of various design options for funding allocation formulas in public health practice (i.e., determining what percent of available funds for a public health program should be allocated to different state or local jurisdictions). Project findings were used to develop practical guidance for public health program managers seeking to allocate funds among multiple constituent jurisdictions using a funding formula. January 2008-December 2009) [Resigned PI role 08/2009 to accept detail to CDC to contribute to national pandemic influenza response]

Epidemiologist. *Improving Public Health Practice through Translation Research: Delivering Influenza Vaccine to Adolescents –Two Multicomponent Interventions*. Centers for Disease Control & Prevention, HHS/CDC-NCIRD 1R18IP000166-01. PI: James Hughes, MD, Emory University School of Medicine. This project was conducted in collaboration with state and local public health officials in Georgia to test alternative strategies for promoting influenza vaccination among middle- and high-school-aged children. September 2007-September 2010. [Resigned investigator role 08/2009 to accept detail to CDC to contribute to national pandemic influenza response]

Principal Investigator. *BioSense Evaluation*. Centers for Disease Control and Prevention (1 U38 HK000015-01, RFA HK06-602). This project involved 1) qualitative case study

assessments of the uses and usefulness of various public health surveillance methods in guiding responses to major public health emergencies and 2) quantitative validation of syndrome classification criteria used in the CDC BioSense surveillance system. September 2006-September 2009 (no-cost extension through September 2010). [Resigned investigator role 08/2009 to accept detail to CDC to contribute to national pandemic influenza response]

Coinvestigator. *Using games designed for the One Laptop Per Child (OLPC) computer in public health intervention programs in developing countries.* Emory Global Health Institute Seed Grant. PI: Michael Prietula, Goizueta Business School, Emory University, March 2008-March 2009. This project explored the feasibility and potential future opportunities for using and evaluating game-based educational interventions as part of health promotion programs for school-aged children in developing countries.

Project Director. *International Society for Disease Surveillance (ISDS).* PI: Farzad Mostashari, MD, New York City Department of Health and Mental Hygiene and President of ISDS. ISDS was funded by the CDC BioSense Program, through its cooperative agreement with the National Association of County & City Health Officers, to 1) develop a registry of syndromic surveillance systems in the United States that will foster communication and collaboration among syndromic surveillance practitioners and developers, 2) convene focused consultations on priority unresolved questions in syndromic surveillance practice, research, or development. March 2007-May 2008.

Coinvestigator. *Private Sector Support for Public Point of Dispensing (POD) Model Development Establish Parameters and Support a Strategic National Stockpile Exercise.* PI: Kathy Miner, PhD, CHES, Rollins School of Public Health Academic Center for Public Health Preparedness. This project was funded by CDC's Coordinating Office for Terrorism Preparedness & Emergency Response to support, inform, and describe the expansion of the partnership between the Metro Atlanta Region of the Business Executives for National Security and the Division of Public Health of the Georgia Department of Human Resources for improving capacity for emerging mass dispensing of supplies from the CDC Strategic National Stockpile. December 2006-May 2008.

Principal Investigator. *Assessment of the Partnership between the Metro Atlanta Chapter of the Business Executives for National Security and the Georgia Division of Public Health.* Alfred P. Sloan Foundation Officer Grant #B2006-1. This project was a case study of the partnership between the Metro Atlanta Chapter of the Business Executives for National Security (BENS) and the Division of Public Health of the Georgia Department of Human Resources. The objectives were to identify lessons learned from the partnership, to develop recommendations for strengthening the partnership in Georgia, and to provide guidance to government and business leaders elsewhere who are seeking to develop similar partnerships. January-July, 2006 (no-cost extension through January 2007).

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Principal Investigator. *Comparative Assessment of Pandemic Influenza Plans for Eight Southeastern States*. Contract with Southeastern Center for Emerging Biologic Threats. The objectives of this project were to describe the pandemic influenza plans drafted by eight southeastern states, to provide a starting point for workgroup deliberations at the SECEBT November 2005 conference, and to summarize for publication the findings of the conference deliberations. September 2005-February 2006.

Principal Investigator (assumed PI role for ongoing project in May 2006). *Public Health Finance: Advancing a Field of Study Through Public Health Systems Research*. Robert Wood Johnson Foundation (Project ID No. 52643). Lead Co-Director: Peggy A. Honore, DHA, MHA, Mississippi Dept. of Health. This project identified research priorities and promoted work in the field of public health systems research. Highlights from the project included convening the February 2006 National Health Policy Conference Adjunct Meeting on Public Health Systems Research: Creating the Evidence for Policy, publication of a series of articles on public health finance in the *Journal of Public Health Management and Practice* (March/April 2007, Volume 13, Issue 2), and an accompanying 2-day conference in February 2007 in Washington DC that highlighted findings from this issue of the *Journal*. May 2006-April 2007.

Co-Investigator. *Predicting Healthcare use Resulting from Terrorism: Tools to Aid State Planning*. Principle Investigator: Diane Green, PhD., Emory University. Agency for Healthcare Quality and Research (290000011/Task order 2), The objective of this project was to identify categories of illness and health care use that increased or decreased in association with terrorist attacks of 2001, both in geographic areas in proximity to the attacks and nationwide, so that health service needs in the event of future terrorist events can be better anticipated. The project was based on analysis of claims from a large, national health insurance provider. October 2002-September 2003.

Principal Investigator. *Development of Academic Health Departments*. Association of Schools of Public Health (Agency # D3307-23/23)/Centers for Disease Control and Prevention (Agency # U36/CCU300439-23) \$100,000. The objective of this project was to develop models and recommendations for strengthening mutually beneficial linkages between the Rollins School of Public Health and the state and four local health departments in Georgia. November 2003-October 2004.

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Mentor. *Informatics-based Call Centers to Investigate Outbreaks*. Principal Investigator: Aneel Advani MD, MPH, Children's Hospital, Boston, MA. Centers for Disease Control and Prevention, Health Protection Research Initiative, Research Scientist Development Award. (Agency # 1 K01 CD000090-1), This project aimed to develop an automated telephone call system to facilitate outbreak investigations. October 2004-October 2007.

Consultant Epidemiologist. *Strengthen Public Health Infrastructure in Bioterrorism and Collaboration Project, Division of Public Health*. Contract (DHR #5-26743) with the Georgia Department of Human Resources, July 2002-June 2008. (See above, Professional Experience)

PUBLICATIONS

Original Research and Investigations, Peer-Reviewed (in reverse chronological order)

1. Lee DH, Chou EY, Moore K, Melly S, Zhao Y, Chen H, **Buehler JW** (corresponding author). Patient characteristics and neighborhood attributes associated with hepatitis C screening and positivity in Philadelphia. *Prev Med Rep*. 2022 Oct 3;30:102011. doi: [10.1016/j.pmedr.2022.102011](https://doi.org/10.1016/j.pmedr.2022.102011).
2. Chou EY, Moore K, Zhao Y, Melly S, Payvandi, **Buehler JW** (corresponding author). Neighborhood Effects on Missed Appointment Rates in a Large Urban Academic Multispecialty Practice. *J General Internal Med*. 2021, 2022 Mar;37(4):785-792. doi: [10.1007/s11606-021-06935-x](https://doi.org/10.1007/s11606-021-06935-x). Epub 2021 Jun 22..
3. **Buehler JW**, Castro JC, Cohen S, Zhao Y, Melly S, Moore K. Personal and neighborhood attributes associated with cervical and colorectal cancer screening in an urban African-American population. *Preventing Chronic Disease*. 2019;16:190030, DOI: <https://doi.org/10.5888/pcd16.190030>.
4. Lê-Scherban F, Ballester L, Castro JC, Cohen S, Melly S, Moore K, **Buehler JW**. Identifying neighborhood characteristics associated with diabetes and hypertension control in an urban African-American population using geo-linked electronic health records. *Preventive Med Repts*. 2019;15:100953, DOI: <https://doi.org/10.1016/j.pmedr.2019.100953>.
5. Purtle J, Field RI, Hipper T, Nash-Arott J, Chernak E, **Buehler JW**. The impact of law on syndromic disease surveillance implementation. *J Public Health Management Practice*, 2018, 24(1):9-17.
6. **Buehler JW**. Legal Intervention Deaths in the United States, 2010-2014. *Am J Public Health* 2017;107(2):295-297. doi: 10.2105/AJPH.2016.303575.
7. **Buehler JW**, Crum J, Alles S. The public health response to the Pope Francis' visit to Philadelphia, 2015. *Health Security* 2017;15(5):548-558, doi: 10.1089/hs.2016.0113.
8. Purtle J, Klassen AC, Kolker J, Peters RM, **Buehler JW**. Local health departments' level of engagement in population mental health promotion. *Front Public Health Serv Sys Res* 2016;5(1):41-47. doi: 10.13023/FPHSSR.0501.07.
9. Purtle J, Klassen AC, Kolker J, **Buehler JW**. Prevalence and correlates of local health department activities to address mental health in the United States. *Preventive Medicine*, 2015;82:20-27, doi: <http://dx.doi.org/10.1016/j.ypmed.2015.11.007>.
10. Robbins JM, Mallya G, Wagner A, **Buehler JW**. Prevalence, disparities, and trends in obesity and severe obesity among students in the School District of Philadelphia, Pennsylvania, 2006-2013. *Prev Chronic Dis*, 2015;12:150185. doi: <http://dx.doi.org/10.5888/pcd12.150185>.
11. Ogden LO **Buehler JW**, Bernet P. Funding formulas for public health allocations: federal and state strategies. *J Public Health Management Practice*, 2012;18(4):323-332.
12. **Buehler JW**, Bernet PM, Ogden LO. Resource and cost adjustment in the design of allocation funding formulas in public health programs. *J Public Health Management Practice*, 2012;18(4):323-332.
13. **Buehler JW**, Bernet PM, Ogden LO. Reference allocations and use of a disparity measure to inform the design of allocation funding formulas in public health programs. *J Public Health Management Practice*, 2012;18(4):333-338.
14. Chamberlain AT, Wells K, Seib K, Kudis A, Hannan C, Orenstein WA, Whitney EAS, Hinman AR, Buehler JW, Omer SB, Berkelman RL. Lessons learned from the 2007 to 2009 *Haemophilus influenzae* Type B vaccine shortage: implications for future vaccine shortages and public health preparedness. *J Public Health Management Practice*, 2012;18(3):E9-E16.

15. Gargano L, Pazol K, Sales JM, Morfaw C, Jones LM, Weiss P, **Buehler JW**, Murray DL, Wingood GM, Orenstein WA, DiClemente RJ, Hughes JM. Multicomponent interventions to enhance influenza vaccine delivery to adolescents. *Pediatrics*, 2011 Nov;128(5):e1092-9.
16. McClean CM, Silk BJ, **Buehler JW**, Berkelman RL. Disease reporting among Georgia physicians and laboratories. *J Public Health Management & Practice*, 2010;16(6):535-43.
17. Silk BJ, Astles RJ, Hidalgo J, Humes R, Waller LA, **Buehler JW**, Berkelman RL. Differential West Nile fever ascertainment in the United States: A multilevel analysis *Am J Trop Med Hygiene*, 2010; 83(4):795-802.
18. Stoto MA, Dempsey MX, Baer A, Cassa C, Gibson PJ, **Buehler JW**. Expert meeting on privacy, confidentiality, and other ethical and legal issues in syndromic surveillance *Advances in Disease Surveillance*, 2009 (7, No. 2). URL: <http://www.isdsjournal.org/article/view/6217/4319>.
19. Azarian T, Winn S, Zaheer S, **Buehler J**, Hopkins R. Utilization of syndromic surveillance with multiple data sources to enhance public health response. *Advances in Disease Surveillance*, 2009 (7, No. 1):1-6. URL: <http://www.isdsjournal.org/article/view/6216/4317>.
20. Edgar B, **Buehler JW**, Moore K. Canadian & United States cross border collaboration for syndromic surveillance (Accepted for publication, February 2009, *Advances in Disease Surveillance*, 2009 (7, No. 3):1-4. URL: <http://www.isdsjournal.org/article/view/6218/4320>.
21. **Buehler JW**, Whitney EA, Smith D, Prietula M, Stanton S, Isakov A. Situational uses of syndromic surveillance. *Biosecurity and Bioterrorism: Biodefense Strategy, Practice, and Science* 2009;7(2):165-77, <http://www.liebertonline.com/doi/abs/10.1089/bsp.2009.0013>.
22. Spaulding AC, McCallum V, Walker D, Reeves A, Drenzek C, Lewis S, Bailey E, **Buehler JW**, Berkelman RL. How public health and prisons can partner for pandemic influenza preparedness: a report from Georgia. *J Correctional Health Care* 2009;15(2):118-128.
23. **Buehler JW**, Sonricker A, Paladini M, Soper P, Mostashari F. Syndromic surveillance practice in the United States: Findings from a survey of state, territorial, and selected local health departments. *Advances in Disease Surveillance* 2008;4(3):1-20. Available at URL: <http://faculty.washington.edu/lober/www.isdsjournal.org/htdocs/articles/2618.pdf><http://www.syndromic.org/ADS/prepub/Buehler20080503.pdf>.
24. Dausey DJ, **Buehler JW**, Lurie N. Designing and conducting tabletop exercises to assess public health preparedness for manmade and naturally occurring biological threats. *BioMedCentral Public Health*. 2007, 7:92 (29 May 2007), URL: <http://www.biomedcentral.com/1471-2458/7/92>.
25. **Buehler JW**, Whitney EA, Berkelman RL. Business and public health collaboration for emergency preparedness in Georgia: a case study. *BioMedCentral Public Health*. 2006 Nov 20;6(1):285. URL: <http://www.biomedcentral.com/1471-2458/6/285>.
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28. Green DC, **Buehler JW** (corresponding author), Silk BJ, Thompson NJ, Schild LA, Klein M, Berkelman RL. Healthcare utilization in the New York City Region following September 11, 2001. *Biosecurity and Bioterrorism: Biodefense Strategy, Practice, and Science*. 2006;4(3):263-75. Available at URL: <http://www.liebertonline.com/doi/pdf/10.1089/bsp.2006.4.263>.

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31. Samuelson JL, **Buehler JW**, Norris D, Sadek R. Maternal characteristics associated with place of delivery and neonatal mortality rates among very-low-birthweight infants, Georgia. *Paediatric Perinatal Epidemiol* 2002;16:305-313.
32. Tan C, Sandhu H, Crawford D, Redd S, Beach M, **Buehler J**, Bresnitz E, Pinner R, Bell B, the CDC New Jersey Anthrax Surveillance Team. Surveillance for Anthrax Cases Associated with Anthrax-Contaminated Letters—New Jersey, Delaware and Pennsylvania, 2001. *Emerging Infectious Dis J* 2002;8:1073-1077. Available from URL: <http://www.cdc.gov/ncidod/EID/vol8no10/02-0322.htm>.
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37. **Buehler JW**, Frey RL, Chu SY, et al. Migration of persons with AIDS. *Am J Public Health* 1995;85:1552-1555.
38. Hayes T, Altman R, Akili-Obika A, **Buehler JW**, et al. HIV-related deaths from selected infectious diseases among persons without AIDS in New Jersey. *J AIDS* 1994;7:1074-1078.
39. Diaz T, Chu SY, **Buehler JW**, et al. Socioeconomic differences among people with AIDS: results from a multistate surveillance project. *Am J Preventive Med* 1994;10:217-212.
40. Selik RM, Ward JW, **Buehler JW**. Demographic differences in cumulative incidence rates of transfusion-associated acquired immunodeficiency syndrome. *Am J Epidemiol* 1994;140:105-112.
41. Hu DJ, Frey R, Costa SJ, Massey J, Ryan J, Fleming PL, D'Errico S, Ward JW, **Buehler JW**. Geographical AIDS rates and sociodemographic variables in the Newark, New Jersey metropolitan area. *AIDS Public Policy J* 1994;9:20-25.
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43. Nwanyanwu OC, Chu SY, Green TA, **Buehler JW**. Acquired immunodeficiency syndrome in the United States associated with injecting drug use, 1981 to 1991. *J Drug Alcohol Abuse* 1993;19:399-408.
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