

RAYNARD E. WASHINGTON



CURRICULUM VITAE

PROFESSIONAL EXPERIENCE

Mecklenburg County Public Health

Health Director

December 2021 - Present

- Manages public health and environmental health activities (pursuant to Chapter 130A-41 of the General Statutes of North Carolina) and provides vision and direction for all public health activity in Mecklenburg County.

Deputy Health Director

March 2020 – November 2021

- Serves as second in command for the Department of approximately 900 FTEs across various public health program areas.
- Provides oversight and direction to internal operations and direct supervision of Administrative Services, Compliance, Office of Innovation and Strategy, Epidemiology, and Nursing.
- Support all aspects of COVID-19 response with direct oversight of communications, epidemiology and reporting, and testing.
- Serves as technical expert regarding public health practice, epidemiology, and the control of diseases and adverse health conditions internally and representing the Department in work with external health stakeholders, local, state and federal government officials and the media.

Philadelphia Department of Public Health

Philadelphia, PA

Chief Epidemiologist/Deputy Health Commissioner March 2017 – March 2020

- Served as technical expert regarding public health practice, epidemiology, and the control of diseases and adverse health conditions internally and representing the Department in work with external health stakeholders, city and state agencies, universities, local, state and federal government officials and the media.
- Performed and supervised advanced analytical work in surveillance of the health status of Philadelphians as well as, disseminating findings to a broad audience. Developed several first-ever public health reports focused on using data to drive action and policy, including:

[Health of the City](#) – An annual report of key findings from the Community Health Assessment

[Staying Healthy](#) – A comprehensive report of access to and utilization of primary care

[Brotherly Love](#) – A special report on the health status of Black men and boys focused on factors driving low life expectancy

[Close to Home](#) – A report from a competitive grant-funded initiative to create neighborhood health rankings

- Designed and managed new surveillance systems for diseases and health conditions of public health importance. Notably launched the Philadelphia Child Development Delay Surveillance System and Philadelphia Pregnancy Risk Assessment Monitoring System (Philly PRAMS).
- Led the convening of local hospitals and health systems to produce the first-ever [Southeastern PA Regional Community Health Needs Assessment](#). This effort involved developing a collaborative CHNA covering 4 counties in partnership with 18 hospitals and 3 local health departments.
- Served on department's executive leadership team and leads departmental strategic initiatives including, strategic and community health improvement planning. Led the development of two new strategic plans, the 2018-2022 [Community Health Improvement Plan](#) and the [Philadelphia Roadmap to Safer Communities](#), a city-level comprehensive strategy to reduce gun violence.
- Led and provided oversight to the maintenance and renewal of public health accreditation.
- Performed other administrative duties, including budget, fiscal, and contract management for assigned programs, contract and data sharing negotiations, staff supervision, authorizing official for city IRB, chair review committee for department abstracts/papers, service on city working groups, and coordination with other city agencies and elected officials.

Council for Affordable Quality Healthcare, Inc.**Washington, DC***Director, Research & Measurement*

December 2015 – March 2017

- Responsible for directing and coordinating the CAQH data-driven research agenda consisting of both internally identified and externally-focused research projects.
- Led the annual execution, oversight and evolution of the CAQH Index and its associated products, which reports on data from over 4 billion healthcare claims-related transactions between health plans and providers with the goal of evaluating healthcare system's transition to automated business processes.
- Prepared professional documents and represents CAQH in a professional manner at conferences, Board meetings and other relevant internal/external forums.
- Developed and maintained annual budget for Explorations Division.
- Supported product or business development, communication needs or market intelligence CAQH wants to share as an industry thought leader.
- Worked in cooperation with CAQH leadership to create, align or add value to the measurement and tracking of existing CAQH initiatives.
- Directed and supervised the work of data analysts, external consultants, and interns.

Agency for Healthcare Research and Quality, U.S. Department of Health and Human Services**Rockville, MD***Health Research Scientist (GS-13)*

December 2012 – December 2015

- Developed and produced research analyses in the areas of health care markets and policy, organizational behavior, delivery of health care services, health care access and disparities, specifically among racial and ethnic minorities, in the Healthcare Cost and Utilization Project, a large family of administrative billing databases.
- Served as the primary lead for the complete portfolio of research projects (~\$1.1 million annually) within the HCUP contract, establishing priorities and managing resources.
- Directed and supervised teams of analysts to perform analyses, interpret data tabulations and graphs, identify critical factors and prepare publications.
- Led the development and conversion (to ICD 10) of ICD-CM/PCS and CPT-based software tools for use with administrative healthcare data, including comorbidity indicator software, surgical indicators, and clinical classification software. Served as agency lead on ICD-10 transition.
- Led the design of the national evaluation of TeamStepps Program.
- Led the evaluation and redesign of HCUPnet, a web-based database query system.
- Provided superior written and oral communication with internal and external stakeholders, including state partners, agency leadership, data users, and other policy makers.
- Provided technical assistance to data users and media outlets.
- Managed federal contractor tasks, budgets, and schedules; monitored contractor performance and oversaw development of user-friendly products, such as technical reports and analytical software tools.
- Served as a Federal Contracting Officers Representative for projects that utilize contractor support.

Healthy Start, Inc.**Pittsburgh, PA***Project Evaluator/Interim Program Director*

August 2009 – December 2012

- Developed, implemented and maintained all program evaluation activities for three federally funded programs providing services to families throughout Southwestern Pennsylvania.
- Prepared and presented evaluation reports and program activities regularly at local, statewide, and national meetings.
- Prepared written manuscripts of evaluations results for publication.
- Led development and grant writing activities for the organization, successfully securing over \$20 million dollars in new and continuing federal and foundation support. Provided direction and leadership to the agency grant writing team.
- Supervised program staff, including administrative, field (data collection), and program evaluation staff, as assigned.
- Provided guidelines, recommendations for and provide technical assistance to program managers in the development of protocols and procedures.

U.S. Virgin Islands Department of Health**St. Croix, USVI***Epidemiology Consultant (Remote)*

April 2010 – May 2012

- Provided support to the Office of Epidemiology and Laboratory Services in surveillance activities, including data collection, analysis, and reporting.
- Provided support to the Office of the Commissioner in completing special projects, including coordination of a

- department-wide annual activities report.
- Assisted in development of Chronic Disease Prevention Program strategic plan, federal block grant application, and annual report, including development of employee wellness program proposal for funding.
- Provided support to various departments and divisions as-needed for special projects, technical assistance and data analysis.
- Prepared the "U.S. Virgin Islands Behavioral Risk Factor Surveillance Ten Year Burden Report, 2001-2010", a review book of territory wide BRFSS data for the decade.

Centers for Disease Control & Prevention

Spokane, WA

Research Consultant (Remote) May 2007 – May 2009

- Served as co-investigator on an assessment of environment dangers and health hazards of radon exposure in the occupational and residential setting.
- Conducted site visits to uranium mines throughout in the states of Washington, Colorado, Montana, and Idaho.
- Prepared a written manuscript of a critical review of health effects of miners' radon exposure and current occupational regulations for internal publication.
- Presented to division leadership regularly on project outcomes and progress.

EDUCATION

University of Pittsburgh

PhD in Epidemiology

Thesis: *Epidemiology of Type I Diabetes Complications in African-Americans*

University of Pittsburgh

MPH in Epidemiology

University of Pittsburgh

BS in Biological Sciences

TEACHING ACTIVITIES

Temple University

Philadelphia, PA

Adjunct Faculty August 2019 – May 2020

- Served as faculty for the Graduate School of Public Health teaching the following courses:
 - EPBI 8012: Multivariate Biostatistics

American University

Washington, DC

Adjunct Faculty January 2015 – February 2017

- Served as faculty for the Public Health Program teaching the following courses:
 - PUBH 110 Introduction to Public Health (1 term)
 - PUBH 120 Foundations of Epidemiology (3 terms)
 - PUBH 496 Advanced Epidemiology (1 term)

Kaplan University School of Health Sciences

Remote

Adjunct Faculty September 2013 – June 2016

- Served as online faculty for the Masters of Public Health Program teaching the following courses:
 - HS 535 Public Health Biology (2 terms)
 - HS 310 Epidemiology and Biostatistics (5 terms)
 - HS 201 Introduction to Public Health (1 term)

University of Pittsburgh Graduate School of Public Health

Pittsburgh, PA

Teaching Assistant September 2010 – August 2012

- Served as Lead Teaching Assistant for Principles of Epidemiology Course
- Served as Teaching Assistant for Epidemiology of Cardiovascular Disease Course

PEER-REVIEWED PUBLICATIONS

Shen, S., Candon, M., Fadeyibi, O., Kaplan, K., Lim, S., Mandell, D. S., Neimark, G., Olubiyi, O., Pizzicato, L. N., Tjoa, C., Washington, R., & Rothbard, A. (2021). *The Implementation of Opioid Prescribing Report Cards in Medicaid Managed Care: A Community Quality Collaborative* <https://doi.org/10.37765/ajmc.2021.88798>

Whitley, J., Hirsch, J. A., Moore, K. A., Melly, S. J., Rollins, H., & **Washington, R.** (2021). Constructing Within-City Neighborhood Health Rankings in Philadelphia by Using Data From the 500 Cities Project. *Preventing Chronic Disease*, 18, E48-E48.

Figgatt, M., Chen, J., Capper, G., Cohen, S., & **Washington, R.** (2021). Chronic Disease Surveillance Using Electronic Health Records From Health Centers in a Large Urban Setting. *Journal of Public Health Management and Practice*, 27(2), 186-192.

Wu, V., Fingar, K., Jiang, J., **Washington, R.**, Mulcahy, A., Pickens, G. Early Impact of the Affordable Care Act Coverage Expansion on Safety-Net Hospital Inpatient Payer Mix and Market Shares. *Health Serv Res*. 2021 53 (5), 3617-3639

Taggart, E., Figgatt, M., Robinson, L., **Washington, R.**, Kotkin, N., & Johnson, C. (2019). Geographic Analysis of Blood Lead Levels and Neighborhood-Level Risk Factors Among Children Born in 2008-2010. *Journal of Environmental Health*, 82(3), 18+.

Blanchard, J., Raetzman, S., **Washington, R.**, Houchens, R., Barrett, M., Stocks, C., Coffey, R. Features of Prescription Drug Monitoring Programs and their Relationship to Hospital Utilization for Opioid-Related Diagnoses [Submitted to *Health Affairs*]

Martsolf, G., Barrett, M., Weiss, A., **Washington, R.**, Steiner, C., Mehrotra, A., Coffey, R. Impact of Race/Ethnicity and Socioeconomic Status on Risk-Adjusted Readmission Rates: Implications for the CMS Hospital Readmissions Reduction Program. *INQUIRY: The Journal of Health Care Organization, Provision, and Financing*, 2017; 53, 0046958016667596

Moore, B., **Washington, R.**, Elixhauser, A., Coenen, N., White, S. Identifying Increased Risk of Readmission and In-hospital Mortality Using Hospital Administrative Data: The AHRQ Elixhauser Comorbidity Index. *Medical Care*, 2017; 55(7), 698-705.

Popescu, I., **Washington, R.**, Coffey, R., Heslin, K., Barrett, M., Karnell, L., Escarce, J. Differences in use of high- and low-quality hospitals among working-age Americans by insurance type. *Medical care*, 2017;55(2), 148-154.

Klembczyk, J., Jalalpour, M., Levin, S., **Washington, R.**, Pines, J., Rothman, R., Dugas, A. Google Flu Trends Spatial Variability Validated against Emergency Department Influenza-related Visits. *Journal of medical Internet research*, 2016; 18(6).

Martsolf, G., Barrett, M., Weiss, A., Kandrack, R., **Washington, R.**, Steiner, C., Mehrotra, A., SooHoo, N., Coffey, R. Impact of Race/Ethnicity and Socioeconomic Status on Risk-Adjusted Hospital Readmission Rates Following Hip and Knee Arthroplasty. *JBJS*, 2016; 98(16), 1385-1391.

Washington, R., Steiner, C., Friedman, B. Patterns and causes of hospital readmissions in patients with multiple chronic conditions. *Annals of Epidemiology* 24 2014; (9), 697

Witt, W., Coffey, R., Lopez-Gonzalez, L., Barrett, M., Moore, B., Andrews, R. **Washington, R.** Understanding Racial and Ethnic Disparities in Post-Surgical Complications Occurring in U.S. Hospitals. *Health services research*, 2017; 52(1), 220-243.

Maradit-Kremers, H., Larson, D., Crowson, C., Kremers, W., **Washington, R.**, Steiner, C., Jiranek, W., Berry, D. Prevalence of Total Hip and Knee Replacement in the United States. *J Bone Joint Surg Am*, 2015 Sep 02; 97 (17): 1386 -1397

Vichare, A., **Washington, R.**, Patton, C., Pohar, S., Olsen, C., Arnone, A. An assessment of the current U.S. radiation oncology workforce: Methodology and preliminary results of the American Society for Radiation Oncology (ASTRO) 2012 Workforce Study. *Radiation Oncology* 2013 Dec 1;87(5):1129-34

Washington, R., Orchard, T., Arena, V., LaPorte, R., Tull, E. All-Cause Mortality in a Population-Based Type 1 Diabetes Cohort in the U.S. Virgin Islands. *Diabetes Research and Clinical Practice* 2014;103(3):504-9

Washington, R., Orchard, T., Arena, V., LaPorte, R., Tull, E. Incidence of type 1 and type 2 diabetes in youth in the U.S. Virgin Islands, 2001-2010. *Pediatric Diabetes* 2013Jun;14(4):280-7.

Washington, R., Orchard, T., Arena, V., LaPorte, R., Tull, E. Prevalence of major type 1 diabetes complications in non-Hispanic whites and non-Hispanic blacks in the U.S. National Health and Nutrition Examination Survey, 1999-2008 . *Diabetes Research and Management*, 2012

OTHER PUBLICATIONS

Washington, R., Lohse, G. Thomashauer, R. 2016 CAQH Index Report. CAQH, Washington, D.C.

Secrest, A., **Washington, R.**, Orchard, T. "Diabetes In America," 3rd Edition, Chapter 35: Mortality in Insulin-Dependent Diabetes Mellitus. National Diabetes Data Group. National Institutes of Health. National Institute of Diabetes and Digestive and Kidney Diseases. 2021 [WebAccessed](#).

Fingar, K., **Washington, R.** Trends in Hospital Readmissions for Four High-Volume Conditions, 2009–2013. HCUP Statistical Brief #196. November 2015. Agency for Healthcare Research and Quality, Rockville, MD.

Fingar, K. **Washington, R.** Potentially Preventable Pediatric Hospital Inpatient Stays for Asthma and Diabetes, 2003-2012. HCUP Statistical Brief #192. June 2015. Agency for Healthcare Research and Quality, Rockville, MD.

Lopez-Gonzalez, L., Pickens, G., **Washington, R.**, Weiss, A. Characteristics of Medicaid and Uninsured Hospitalizations, 2012. HCUP Statistical Brief #182. October 2013. Agency for Healthcare Research and Quality, Rockville, MD.

Owens, P., Barrett, M., Weiss, A., **Washington, R.**, Kronick, R. Hospital Inpatient Utilization Related to Opioid Overuse Among Adults, 1993-2012 HCUP Statistical Brief #177. August 2014. Agency for Healthcare Research and Quality, Rockville, MD.

Washington, R., Andrews, R., Mutter, R. Emergency Department Visits for Adults with Diabetes, 2010. HCUP Statistical Brief #162. July 2013. Agency for Healthcare Research and Quality, Rockville, MD.

Wier, L., Hao, Y., Owens, P., **Washington, R.** Overview of Children in the Emergency Department, 2010. HCUP Statistical Brief #157. May 2013. Agency for Healthcare Research and Quality, Rockville, MD.

Washington, R., Orchard, T. *Management of Type 1 Diabetes: An American Diabetes Association Sourcebook*, Chapter 16: Macrovascular Complications in Type 1 Diabetes. American Diabetes Association and Juvenile Diabetes Research Federation. 2012

Washington, R. "U.S. Virgin Islands Behavioral Risk Factor Surveillance Ten Year Burden Report, 2001-2010" Government of the U.S. Virgin Islands, Department of Health. Public Access 2012

Washington, R., Howie, W. , Miller, A. "Preparing for a Resurgence of Uranium Mining in the 21st Century" National Institute for Occupational Safety & Health, Centers for Disease Control and Prevention. 2009

HONORS AND AWARDS

University of Pittsburgh Graduate School of Public Health Distinguished Alumni Award for Public Health Practice

NCALHD Ron Levine Excellence in Public Health Award

Agency for Healthcare Research and Quality Peer Recognition Award for Excellence

Robert R. Dunn Excellence in Public Health Research Award – CDC National Institute for Occupational Safety and Health

MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

National Association of City and County Health Officials

Delta Omega Honor Society

American Public Health Association

American College of Epidemiology

VOLUNTEER ACTIVITIES

Big Cities Health Coalition

Vice-Chair, Board of Directors

Washington, DC

April 2023 -- Present

National Healthy Start Association

President, Board of Directors

Washington, DC

July 2020 – April 2023

Member, Board of Directors

April 2014 – July 2019

Chair, Strategy and Organizational Sustainability Committee

May 2014 – May 2017

Chair, Evaluation Expert Work Group

August 2011 – August 2013

American College of Epidemiology Member, Minority Affairs Committee	August 2013 – December 2020	Washington, DC
Society for Analysis of African-American Health Issues Member, Board of Directors Chair, Conference Planning Committee	November 2013 – November 2015 November 2012- November 2013	Washington, DC
National Association of Health Data Organizations Member, Conference Planning Committee	January 2014 – October 2014	Washington, DC