



TOBY R. LEVIN

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Career Objective

Driven epidemiologist with expertise in infectious disease surveillance, data analysis, and public health investigations. Proven ability to lead research, track emerging threats, and deliver actionable insights to advance community health.

Experience

STD/HIV PARTNER SERVICES DIRECTOR

Jul 2023 - Present

NEW JERSEY DEPARTMENT OF HEALTH — Trenton, NJ

- Responsible for managing and directing staff including surveillance and Disease Intervention Specialist (DIS) staff for testing, treatment, and follow-up for Chlamydia, Gonorrhea, Syphilis and HIV
- Manage HIV Partner Services for the state of New Jersey
- Manage grants, budgets, contracts for STD Services
- Ensure STD data statistics are accurate and readily available
- Participate in various meetings to support the STD program and services

ADJUNCT PROFESSOR

Jan 2016 - May 2025

DOMINICAN UNIVERSITY OF NEW YORK — Orangeburg, NY

- Teach (hybrid) Epidemiology and Biostatistics
- Mentor students

PROGRAM ADMINISTRATOR (EPI)/LEAD EPIDEMIOLOGIST

Dec 2005 - Jul 2023

WESTCHESTER COUNTY DEPARTMENT OF HEALTH — New Rochelle, NY

- Lead epidemiologist in COVID-19 operations: surveillance, data analysis, system clean-up
- Design studies related to Covid-19
- Oversee influenza and tickborne disease surveillance Coordinate outbreak activities-measles, norovirus, influenza and others
- Coordinate activities and reports/grants involving multiple program areas e.g communicable diseases (CD), tuberculosis (TB), west nile virus (WNV), sexually transmitted infections (STI), HIV
- Develop written guidelines and protocols for data analysis
- Provide consultation on case classification or regarding the need for laboratory testing and additional investigation/control measure
- Create tools and implement QI/QA for Disease Control: TB, STD, and CD programs
- Develop a tool for the supervisors to monitor tasks related to job performance
- Develop downloadable reports for supervisors to determine workload of staff
- Analyze the STD program with limited staffing resources to determine the minimum number of cases per staff

- Assist with data for the budget; determined estimated and projected number of cases
- Oversee STD treatment assurance program
- Present knowledge and understanding of surveillance and public health to external Partners (Lyme presentation to the Board of Health; guest speaker to students regarding epidemiology)
- Supervise staff at various levels
- Represent disease control on the Departmental QI committee

ADJUNCT INSTRUCTOR

Jan 2015 - Dec 2017

MONROE COLLEGE — Bronx, NY

- Mentor students
- Taught various classes in public health both in-class and virtually including GIS in public health, public health surveillance, public health systems and practice, public health administration and leadership etc.
- Thesis Advisor
- Culminating experience/independent study advisor

PUBLIC HEALTH EPIDEMIOLOGIST LEVEL II

Mar 2004 - Dec 2005

NEW YORK CITY DEPARTMENT OF HEALTH AND MENTAL HYGIENE-BUREAU OF COMMUNICABLE DISEASES — New York, NY

- Designed and implemented study regarding Group B Streptococcus cases reported in NYC as it relates to preventative measures
- Conducted the public health management of persons with highly communicable diseases and their close contacts
- Supervised investigations of reportable communicable diseases and conditions and disease outbreaks
- Conducted investigations of outbreaks and clusters of communicable diseases or conditions
- Collected and analyzed data as it relates to communicable diseases
- Classified cases upon completion of investigation
- Supervised 4-6 Public Health Epidemiologist I staff
- Assisted in planning trainings for the Field and Surveillance Emergency Response Section
- Responded to inquiries from the public and medical community

PUBLIC HEALTH EPIDEMIOLOGIST LEVEL I

Oct 2000 - Feb 2004

NEW YORK CITY DEPARTMENT OF HEALTH AND MENTAL HYGIENE-BUREAU OF IMMUNIZATION — New York, NY

Perinatal Hepatitis B Program Acting Coordinator

- Designed and implemented study to see the need for universal hepatitis B vaccination (collaborated with the NYS DOH)
- Supervised more than 15 staff at various levels
- Collected and analyzed appropriate data to disseminate to CDC in regards to perinatal hepatitis B cases that are reported to the Bureau of Immunization
- Coordinated policies and implementation of procedures to ensure prevention of perinatal hepatitis B infection
- Educated physicians on policies and laws related to reporting of hepatitis B positive mothers
- Collaborated with other DOH Perinatal Programs to ensure accurate reporting of cases
- Educated and train incoming staff on procedures and policies of the program

- Educated health care providers and hospital personnel in the policies and procedures Vaccine Preventable Diseases Surveillance Unit
- Designed and implemented a study in relation to measles outbreaks in NYC Implemented control of vaccine preventable diseases
- Supervised investigation in outbreak control activities
- Developed protocols for outbreak control in vaccine preventable diseases
- Designed and developed a tool for staff to use as a reference to determine case identification
- Created a calendar that would allow staff to know when other staff were out of the office or in the field Investigated cases by doing home visits, medical record reviews, and interview patients with vaccine preventable diseases T
- racked and compiled data from reports of adverse reactions to vaccines
- Prepared monthly summary reports of vaccine preventable diseases data Enforced Center for Disease Control and Prevention and Department of Health protocols, guidelines, and recommendations
- Assisted with supervision of two field supervisors and nine PHAs
- Reviewed immunization records of school-aged children Trained public health advisors Developed training manual Educated physicians on laws pertaining to reporting vaccine preventable diseases Educated patients on the importance of immunizations

RESEARCH COORDINATOR

Jan 1996 - Oct 2000

MOUNT SINAI MEDICAL CENTER — New York, NY

- Assisted in the study of different strains of the hepatitis C virus
- Tested serum for hepatitis C virus using ELISA and Western Blot techniques Sequence
- Edited manuscripts and grant proposals
- Prepared documents for the Institutional Review Board at Mount Sinai

Education

PHD IN PUBLIC HEALTH EPIDEMIOLOGY

Aug 14 | WALDEN UNIVERSITY

MPH IN COMMUNITY HEALTH EDUCATION

Jan 02 | CUNY-HUNTER COLLEGE

BA IN BIOLOGY

Jun 98 | CUNY-BROOKLYN COLLEGE

Skills

- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Microsoft Access
- SPSS
- NYS DOH Surveillance Systems
- Epi Info
- NJ DOH Surveillance Systems

Certifications

- Certification in Public Health (CPH)
- Certified Health Education Specialist (CHES)

Publications

- **Levin TR**, McNamee, JM, Huang AJ, Smittle, L, Smith, K, Amler S. Controlling the Measles Outbreak in a Challenging Community [abstract]. Accepted at the NACCHO Preparedness Summit March 2020 but not presented due to Covid
- **Levin T**, Amler, S, Huang, A, McNamee J, Camia R, Smittle L, and Smith K. A Local Health Department Measles Preparedness and Response. [abstract]. Accepted at the American Public Health Association National Conference November 2022
- **Levin TR**, Amler, S, Huang, AJ, McNamee JM, Camia R, Lynas J. Measles Preparedness and Response: Cultural Sensitivity - a Local Health Department Perspective [abstract]. Accepted at the CSTE National Conference June 2022 but not presented
- **Levin, TR**, McNamee JM, Huang AJ, Amler, S, DeLucia, P. Time Reduction in Investigating Outbreaks within Adult Care Facilities [abstract]. Accepted at the InFORM 2020 conference March 2022
- **Levin TR**, McNamee JM, Huang AJ, Delucia P, Amler S. When Minutes Matter: Outbreak Investigation Time in Adult Care Facilities [abstract]. Accepted at the NACCHO Preparedness Summit March 2020 but not presented due to Covid
- **Levin, T.** (2019). Gender in the Orthodox Jewish Religion Influence on the Attitude towards Alcohol Use among Adolescents [abstract]. Presented at the American Public Health Association (APHA) National Meeting November 2019
- **Levin, TR.** (2019I). Article title: Subtitle if applicable. American College of Epidemiology Online Member Newsletter, Fall 2019: Issue 5. Retrieved from https://acoe.memberclicks.net/assets/Newsletters/ACE_Fall_2019%20%28002%29.pdf
- Hoefer D, Ruppert PS, Rausch-Phung E, Dufort E, Patel M, Patel M, Johns D, Gastanaduy P, Gastanaduy P, McDonald R, Souto M, Bryant P, McKay KT, McNulty L, McGraw N, Huang AJ, Wester RE, Ahmad N, St. George K, Sommer JN, Southwick KL, Carrasco K, Ostrowski S, Adams E, Adams E, **Levin TR**, Gelman I, Hutton B, Zucker H, Blog D. LB15. Measles Outbreak in New York State (NYS) Outside of New York City, 2018-2019. Open Forum Infect Dis. 2019 Oct 23;6 (Suppl 2):S999-S1000. doi: 10.1093/ofid/ofz415.2498. PMCID: PMC6809656.
- Dufort E, Johns D, Patel M, Patel M, Ahmad N, Ruppert PS, Rausch-Phung E, Gastanaduy P, Gastanaduy P, McDonald R, Souto M, Bryant P, McKay KT, McNulty L, McGraw N, Huang AJ, Wester RE, St. George K, Sommer JN, Southwick KL, Hoefer D, Landis V, Adams E, Adams E, Ostrowski S, **Levin TR**, Gelman I, Hutton B, Zucker H, Blog D. LB16. The Role of Adults in the Measles Outbreak in New York State Outside of New York City, 2018-2019. Open Forum Infect Dis. 2019 Oct 23;6 (Suppl 2):S1000. doi: 10.1093/ofid/ofz415.2499. PMCID: PMC6809932.
- **Levin, T.** (interviewee) (November 27, 2018). Interview with Toby Levin, Journey into Public Health [Audio Podcast]. https://www.drchhuntley.com/post/2018/11/27/episode-67-interview-with-dr-toby-levin-journey-into-public-health?fb_comment_id=1500518900036306_1502524543169075

- Maxted, AM Rockwell, R, **Levin T**, Huang A, Hallisey J, Kilby, K (2011) Babesiosis in a 1 month old-New York, September 2010 [abstract] Presented at the Epidemic Intelligence Service (EIS) Conference April 2011
- Zhao, Q, **Keller, T**, Pye, Y, McNees, M (2005) The Status of Hepatitis B Vaccination of Infants to HBsAg Positive Mothers in Sunset Park [abstract] Presented at 25th Annual Society of Teachers of Family Medicine (STFM) Conference on Families and Health, 2005
- Friedman, S, Chi A, **Keller, TR**, Huie, S (2004) Birth Facility Standards of Practice for Administration of the Hepatitis B Birth Dose [abstract] NOTE: This was an oral presentation at the Centers for Disease Control and Prevention (CDC) National Immunization Conference 2004
- Huie, S, Papadouka, V, Andrews, Y, **Keller, T**, Zucker, JR (2003) The role of the Immunization Registry in an outbreak, New York City [abstract] Immunization Registry Conference and the CDC National Immunization Conference 2003
- Walewski, JL, Gutierrez, JA, Branch-Elliman, W, Stump, DD, **Keller, TR**, Rodriguez A, Benson G, Branch AD (2002) Mutation master: profiles of substitutions in hepatitis C virus RNA of the core, alternate reading frame, and NS2 coding regions RNA, 8(5):557-71
- **Keller, TR**, Asfaw, MM, Zucker, JR (2002) Need for expanded secondary school vaccination requirements NIC Proceedings 2002 [abstract] NOTE: This is a poster presentation at the CDC National Immunization Conference 2002
- Walewski, JL, **Keller, TR**, Stump, DD, Branch, AD (2001) Evidence for a new hepatitis C virus antigen encoded in an overlapping reading frame RNA, 7(5):710-721

Professional Membership

American College of Epidemiology (ACE), Member since 2012

- Board member (2024-2027)
- Active Member of the Membership Committee
- Liaison member to the Ethics/Policy Committee
- Review abstracts for national meeting

Council for State and Territorial Epidemiologists (CSTE), Member since 2012

- Review abstracts for national meeting
- Participate in Planning meetings for national meeting
- Moderator at national meeting
- Mentor in the mentoring program
- Sit on various committees

Golden Key International Honour Society, Member since 2013

American Public Health Association (APHA), Member since 2017 (intermittent member since 2004)

- Science Board (2022-2025), Vice Chair (2023-2024), Chair (2024-2025)
- Joint Policy Committee, co-chair (2024-2025)
- Governing Councilor for Epidemiology Section (2021-2024)
- Epidemiology Section, Co-Chair Mentor Committee, (2021-present)
- Epidemiology Section Councilor (2018-2020)
- Environmental Section, Chair Policy Committee (2022-present)
- Women's Caucus, Co-Chair Policy Committee (2022-present)
- Cancer Forum, Secretary (2021-2022), Vice Chair (2022-2023), Chair (2023-2024)
- Review abstracts for national meeting
- Moderator at national meeting

New York State Public Health Association, Member since 2019-2023

- Review abstracts for conference
- Mentor in the mentoring program

The National Society of Leadership and Success, Member since 2018