Curriculum Vitae
(Aug 1, 2020)

Pieter Baker, MPH

Personal Information

Department of Epidemiology
Johns Hopkins Bloomberg School of Public Health
615 N Wolfe St, Baltimore, MD,21205, United States.
Phone: (760) 670-5130
E-mail: pbaker22@jhu.edu

Education

Doctor of Philosophy in Public Health (2021)
UCSD / SDSU Joint Doctoral Program in Public Health
Research Focus: Infectious Disease, Substance Use, Vulnerable Populations
Dissertation Title: "Drugs, Germs, and Justice: Examining Police Practices and the HIV Risk Environment for People who Inject Drugs"

Master of Public Health - Epidemiology (2014)
Columbia University, Mailman School of Public Health
Certificate – Infectious Disease Epidemiology
Graduate Thesis: "Prevalence and Risk Factors for Community-Associated Methicillin-Resistant *Staphylococcus aureus* in New York City from 2006-2012"

Bachelor of Science in Biology, cum laude, Honor's Scholar (2010)
Point Loma Nazarene University
Honor's Thesis: "Antibiotic-Resistant Bacteria Pollution in San Diego's Coastal Wetlands: A Survey of Plasmid-Mediated Quinolone Resistance Genes in Local Sediments"

Professional Experience

Postdoctoral Research Fellow– ALIVE Study 2021-Present
Johns Hopkins University – Bloomberg School of Public Health
Department of Epidemiology
HIV Epidemiology and Prevention Sciences Training Program (NIDA T32 AI102623, PI: Beyrer)

Predoctoral Research Fellow - SHIELD Study 2020-Present
University of California, San Diego
Division of Infectious Disease and Global Public Health, School of Medicine
HIV & Substance Use T32 (NIDA T32 DA023356, PI:Strathdee)

HIV Research Program Coordinator 2017-2020
University of California, San Diego
Division of Infectious Disease and Global Public Health, School of Medicine
Proyecto Escudo (R01DA039073; PI:Strathdee)

Human Rights Fellow 2018- 2019
Human Rights Center
University of California, Berkeley

Health Impact of Immigration Enforcement and Location Displacement (Proyecto HIELO, PI: Baker)

HIV Research Program Manager 2015-2017
University of California, San Diego
Antiviral Research Center
Primary Infection Research Consortium (NIAID AI106039, PI: Little)

Ebola Surveillance Manager 2014-2015
Ebola Response Consortium
International Rescue Committee
Freetown, Sierra Leone

Disease Control Officer at Westchester County Department of Health 2012-2014
Westchester County Department of Health
Bureau of Communicable Diseases
New Rochelle, New York

Research Fellowship, Grants and Awards

T32 Postdoctoral Fellowship – National Institute on Drug Abuse 2021
T32 Predoctoral Fellowship – National Institute on Drug Abuse 2020
International AIDS Society (IAS) - Injection Drug Use Research Prize 2019
Tinker Foundation - Research Grant 2018
UC Berkeley – Human Rights Fellowship 2018

Teaching Experience

Courses Taught as Instructor of Record

Adjunct Faculty for Biotechnology and Society (PLNU) 2020-Present
Adjunct Faculty for Infectious Diseases (PLNU, M.S. Biology Program) 2020
Adjunct Faculty for Chemistry for Pre-Health Sciences (PLNU) 2019
Co-Instructor for Public Health Research Methods (SDSU) 2019-2020

Courses taught as Guest Lecturer

Primary Care and Public Health (UCSD) 2017-2018
Microbiology (PLNU) 2015-2016
Microbiology of Infectious Diseases (PLNU) 2015-2016

Courses as Teaching Assistant

Teaching Assistant for Health Policy (UCSD) 2017-2018
Teaching Assistant for Systems and Methods for Public Health (Columbia) 2013-2014
Teaching and Lab Assistant for Microbiology of Infectious Disease (PLNU) 2009-2010

Professional Service

Reviewer, International Journal of Drug Policy 2020-Present
Reviewer, American Journal of Public Health 2019-Present
Reviewer, Journal of Urban Health 2019-Present
Reviewer, BMC Global Health 2018-Present

Professional Affiliations

International AIDS Society (IAS)	2019-Present
American Public Health Association (APHA)	2018-Present
College on Problems of Drug Dependence (CPDD)	2017-Present
American Society for Microbiology (ASM)	2011-Present

Publications

Baker, P., Arredondo, J., Borquez, A., Clairgue, E., Mittal, M. L., Morales, M., ... & Cepeda, J. A. (2021). Municipal police support for harm reduction services in officer-led referrals of people who inject drugs in Tijuana, Mexico. Harm reduction journal, 18(1), 1-10.

Beletsky, L., Abramovitz, D., Baker, P., Arredondo, J., Rangel, G., Artamonova, I., ... & Strathdee, S. A. (2021). Reducing police occupational needle stick injury risk following an interactive training: the SHIELD cohort study in Mexico. BMJ open, 11(4), e041629.

Baker P, Beletsky L, Avalos L, Venegas C, Rivera C, Strathdee SA, Cepeda J. Policing practices and HIV Risk Among People Who Inject Drugs - a Systematic Literature Review. Epidemiol Rev. 2020 Nov 13:mxaa010. doi: 10.1093/epirev/mxaa010. Epub ahead of print. PMID: 33184637.

Olgin GK, Bórquez A, **Baker P**, Clairgue E, Morales M, Bañuelos A, Arredondo J, Harvey-Vera A, Strathdee S, Beletsky L, Cepeda JA. Preferences and acceptability of law enforcement initiated referrals for people who inject drugs: a mixed methods analysis. Subst Abuse Treat Prev Policy. 2020 Oct 2;15(1):75.

Morales, M., Rafful, C., **Baker, P**., Arredondo, J., Kang, S., Mittal, M. L., Rocha-Jiménez, T., Strathdee, S. A., & Beletsky, L. (2020). "Pick up anything that moves": a qualitative analysis of a police crackdown against people who use drugs in Tijuana, Mexico. Health & justice, 8(1), 9.

Beletsky, L., Abramovitz, D., Arredondo, J., **Baker, P.,** Artamonova, I., Marotta, P., Mittal, M. L., Rocha-Jimenez, T., Cepeda, J. A., Morales, M., Clairgue, E., Patterson, T. A., & Strathdee, S. A. (2020). Addressing Police Occupational Safety During an Opioid Crisis: The Syringe Threat and Injury Correlates (STIC) Score. Journal of occupational and environmental medicine, 62(1), 46–51.

Rocha-Jiménez, T., Mittal, M. L., Artamonova, I., **Baker, P**., Cepeda, J., Morales, M., Abramovitz, D., Clairgue, E., Bañuelos, A., Patterson, T., Strathdee, S., & Beletsky, L. (2019). The Role of Gender in the Health and Human Rights Practices of Police: The SHIELD Study in Tijuana, Mexico. Health and human rights, 21(1), 227–238.

Oral abstracts of the 10th IAS Conference on HIV Science, 21-24 July 2019, Mexico City, Mexico. J Int AIDS Soc. 2019;22 Suppl 5(Suppl Suppl 5):e25327. doi:10.1002/jia2.25327.

Arredondo, J., Beletsky, L., **Baker, P**., Abramovitz, D., Artamonova, I., Clairgue, E., Morales, M., Mittal, M. L., Rocha-Jimenez, T., Kerr, T., Banuelos, A., Strathdee, S. A., & Cepeda, J. (2019). Interactive Versus Video-Based Training of Police to Communicate Syringe Legality to People Who Inject Drugs: The SHIELD Study, Mexico, 2015-2016. American journal of public health, 109(6), 921–926.

Mittal, M. L., Artamonova, I., **Baker, P**., Strathdee, S. A., Cepeda, J., Bañuelos, A., Morales, M., Arredondo, J., Rocha-Jimenez, T., Clairgue, E., Bustamante, E., Patiño, E., Gaines, T., & Beletsky, L. (2018). Improving police conceptual knowledge of Mexico's law on cannabis possession: Findings from an assessment of a police education program. The American journal on addictions, 27(8), 608–611.

Beletsky, L., **Baker, P**., Arredondo, J., Emuka, A., Goodman-Meza, D., Medina-Mora, M. E., Werb, D., Davidson, P., Amon, J. J., Strathdee, S., & Magis-Rodriguez, C. (2018). The global health and equity imperative for safe consumption facilities. Lancet (London, England), 392(10147), 553–554.

Morales, M., Rafful, C., Gaines, T. L., Cepeda, J. A., Abramovitz, D., Artamonova, I., **Baker, P.,** Clairgue, E., Mittal, M. L., Rocha-Jimenez, T., Arredondo, J., Kerr, T., Bañuelos, A., Strathdee, S. A., & Beletsky, L. (2018). Factors associated with extrajudicial arrest for syringe possession: results of a department-wide survey of municipal police in Tijuana, Mexico. BMC international health and human rights, 18(1), 36.

Crowe, S., Hertz, D., Maenner, M., Ratnayake, R., **Baker, P**., Lash, R. R., Klena, J., Lee-Kwan, S. H., Williams, C., Jonnie, G. T., Gorina, Y., Anderson, A., Saffa, G., Carr, D., Tuma, J., Miller, L., Turay, A., Belay, E., & Centers for Disease Control and Prevention (CDC) (2015). A plan for community event-based surveillance to reduce Ebola transmission - Sierra Leone, 2014-2015. MMWR. Morbidity and mortality weekly report, 64(3), 70–73.

Cummings, D. E., Archer, K. F., Arriola, D. J., **Baker, P**. A., Faucett, K. G., Laroya, J. B., Pfeil, K. L., Ryan, C. R., Ryan, K. R., & Zuill, D. E. (2011). Broad dissemination of plasmid-mediated quinolone resistance genes in sediments of two urban coastal wetlands. Environmental science & technology, 45(2), 447–454.

Scientific Presentations

Pieter Baker. 2020. Modifying police behavior to prevent needle stick injuries and reduce community HIV risk: Dual public health benefits of SHIELD police training in Tijuana, Mexico. AIDS 2020. Virtual.

Pieter Baker. 2019. Access to healthcare and medical care experiences among asylum seekers detained in U.S. immigrant detention centers. APHA Annual Meeting and Expo Nov 2, 2019. Philadelphia, PN.

Pieter Baker. 2019. Mental health experiences and resilience among asylum seekers detained in U.S. immigrant detention centers. APHA Annual Meeting and Expo Nov 2, 2019. Philadelphia, PN.

Pieter Baker. 2019. Policing Practices and HIV Risk among People who Inject Drugs – a Systematic Literature Review. International AIDS Society Annual Meeting. Mexico City, Mexico. [Winner: Outstanding Research in Injection Drug Use Award ($2,000)]

Pieter Baker. 2018. Police Attitudes towards people who use drugs as a structural determinant of enforcement practices that drive HIV risk in Tijuana, Mexico. APHA Annual Meeting and Expo (Spirit of 1848 Caucus) Nov 12, 2018. San Diego, CA.

Pieter Baker. June 12, 2018. Policing Practices and HIV Risk among People who Inject Drugs – preliminary findings. College on Problems of Drug Dependence Annual Meeting. San Diego, CA.

Pieter Baker. Adopting community event-based surveillance for Ebola in Kono. Dec. 23, 2014. District Ebola Response Center (DERC) Meeting. Kono, Sierra Leone.

Pieter Baker. 2013. Outbreak investigation of *Campylobacter jejuni* at a high profile event in Westchester County. Columbia University Mailman School of Public Health. Department of Epidemiology, New York, NY.

Pieter Baker. 2010. Antibiotic-Resistant Bacteria Pollution in San Diego's Coastal Wetlands: A Survey of Plasmid-Mediated Quinolone Resistance Genes in Local Sediments. PLNU Honor's Scholar Thesis Defense. San Diego, CA.

Professional References

Steffanie Strathdee, PhD
Associate Dean of Global Health Sciences and Harold Simon Professor
Division of Infectious Disease and Global Public Health, UCSD Department of Medicine
Co-Director, Center for Innovative Phage Applications & Therapeutics (IPATH)
Tel: (858) 822-1952
e-mail: sstrathdee@health.ucsd.edu

Javier Cepeda, PhD, MPH
Assistant Professor of Epidemiology
Johns Hopkins Bloomberg School of Public Health
Tel: (410) 955-3543
e-mail: jcepeda2@jhu.edu

Leo Beletsky, JD, MPH
Professor and Faculty Director, Health in Justice Action Lab
School of Law and Bouvé College of Health Sciences, Northeastern University
Tel: (617) 373-5540
e-mail: l.beletsky@northeastern.edu