

Curriculum Vitae
JENNI A. SHEARSTON

Work

Department of Environmental Health Sciences
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Home

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Education

Degrees

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| 2018-present | PhD in Environmental Health Sciences, Environmental Epidemiology , Mailman School of Public Health, Columbia University, New York, NY
<i>Advisors: Markus Hilpert, PhD & Marianthi-Anna Kioumourtzoglou, PhD</i> |
| 2014-2017 | Master of Public Health, Epidemiology , College of Global Public Health, New York University, New York, NY
<i>Thesis: Childhood Cancer and Exposure to Industry: An Ecologic Study of New Jersey Counties Using Data from the Toxic Release Inventory</i>
<i>Advisor: Thomas Kirchner, PhD</i> |
| 2007-2011 | Bachelor of Arts, English , Regis University, Denver, CO
<i>Thesis: Living in the Mystery: Myriad Approaches to Death in Edgar Allan Poe's Tales of Terror</i>
<i>Advisor: David Hicks, PhD</i> |

Certifications

Standard Certificate, Teacher of English, New Jersey, Cert #907813

Honors

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| 2011 | BA, Magna Cum Laude, Regis University, Denver, CO |
| 2010-2011 | Student Representative to Board of Trustees Standing Committee on Finance and Business Affairs, Regis University, Denver, CO |
| 2007-2011 | Regis College Honors Program, Regis University, Denver, CO |

Experience

Public Health Experience

- 8/18-present Graduate Student, Markus Hilpert PhD & Marianthi-Anna Kioumourtzoglou PhD, Department of Environmental Health Sciences, Mailman School of Public Health, Columbia University, New York, NY
- 5/15-8/17 Project Manager, Michael Weitzman MD, Scott Sherman MD MPH, & Terry Gordon PhD, Departments of Pediatrics, Population Health, and Environmental Medicine, NYU Langone Medical Center, New York, NY
- Promoted from Project Coordinator to Project Manager after 18 months
 - Manage a variety of public health research projects, domestically and globally, including the administration and submission of grants, IRB applications and compliance, creation of data collection tools, study design and implementation, management of data collection and research staff, and analysis of large nationally representative datasets
 - Domestic projects:
 - Smoking Cessation and the Oral Microbiome
 - Air Quality, Child, and Adult Health in Homes where Hookahs and E-cigarettes are Used
 - Air Quality in Vape Shops
 - CUNY Tobacco & Health Behavior Survey
 - Survey of Knowledge and Beliefs of Alternative Tobacco Products among Dental Students
 - Indoor Air Quality in Homes of Hookah Smokers and E-cigarette Users
 - Dental and Periodontal Disease and Hookah Smoking (New York City)
 - Global projects:
 - Abu Dhabi Cohort Study, Abu Dhabi, UAE
 - Periodontal Disease and Hookah Smoking, Sharjah, UAE
 - Quit Buddy App for Smoking Cessation, NYU/St. Petersburg, Russia
- 05/17-09/17 Intern, US Environmental Protection Agency, Region II, Office of the Regional Administrator, Special Projects, New York, NY
- Interviewed numerous stakeholders throughout Region II involved with reducing childhood exposure to lead paint, including representatives of local governments, non-governmental organizations, universities, and public health offices
 - Developed a resource for community coalitions to use when working to reduce primary lead exposure in their regions
- 11/14-5/15 Research Assistant, Michael Weitzman, MD, Department of Pediatrics, NYU Langone Medical Center, New York, NY
- Analyzed data using Stata from the Global Adult Tobacco Survey, in conjunction with colleagues, to evaluate worldwide tobacco cessation resource use
 - Collaborated with team of students to develop a masters level course on licit and illicit drug use titled Drug Use in Public Health, including the design and production of all materials and assignments
 - Served as teaching assistant for the course Drug Use in Public Health for two semesters

Professional Experience

- 6/12-6/14 Teach for America Corps Member, Newark, NJ
- Selected from highly competitive pool to join national teacher corps of recent college graduates and professionals who commit two years to teach in high need public schools.
- 8/12-6/14 English and Special Education Teacher, Newark BRIDGES High School, Newark Public Schools, Newark, NJ
- Consistently commended by supervisor for outstanding teaching and dedication to students at an urban, public, alternative education school serving over-aged and under-credited students
 - Requested by supervisor to create and deliver over 6 professional development sessions to full school staff
 - Served as Senior Class Advisor to a class of 100 graduating seniors; including organizing fundraisers, planning Graduation events, and leading student representatives to plan graduation activities and school spirit activities
 - Awarded Staff of the Month for outstanding service and work ethic

Volunteer Experience

- 2014-Present Ignite Greater Newark, Newark, NJ
- 2015-2016 Mentoring Program for disadvantaged youth interested in pursuing health careers
- Co-developed, in conjunction with a team at the NYU School of Medicine, a program that teaches public health research skills, study design, and manuscript development for urban youth, culminating in manuscript publication
- 2011 Newborns in Need, Denver Health, Denver, CO
- 2007-2011 University Ministry, Regis University, Denver, CO

Current Public Health Interests

Epidemiology; Environmental Health; Volatile Organic Chemicals; Health Consequences of Pollution; Alternative Tobacco Products (hookah and electronic-cigarettes); Illicit Drug Use

Peer-Reviewed Publications

Published and In Press

1. Palamar JJ, **Shearston JA**, Dawson EW, Mateu-Gelabert P, Ompad DC. Nonmedical opioid use and heroin use in a nationally representative sample of US high school seniors. *Drug Alcohol Depen.* 2016;1(158):132-8.
2. Lee L, **Shearston JA**, Weitzman M. New alternative tobacco products – a threat to adolescent health. *Pediatr Rev.* 2016 Jul: 37(7):310-2.
3. Palamar JJ, **Shearston JA**, Cleland CM. Discordant reporting of nonmedical opioid use in a nationally representative sample of US high school seniors. *Am J Drug Alcohol Abuse.* 2016, Jun 17:1-9.
 - a. Palamar JJ, **Shearston J**, Cleland C. Discordant reporting of nonmedical opioid use: Reply to letter to the editor. *Am J Drug Alcohol Abuse.* 2016, Aug 24:0(0):1-2.

4. Cawkwell PB, Lee L, **Shearston J**, Sherman SE, Weitzman M. The Difference a Decade Makes: Smoking Cessation Counseling and Screening at Pediatric Visits. *Nicotine Tob Res.* 2016, July11. pii: ntw146.
5. **Shearston JA**, Park SH, Lee L, Oshinsky C, Sherman SE, Weitzman M. Increasing hookah use among adolescent females in the US: analyses from the 2011-2014 National Youth Tobacco Survey (NYTS). *Tob Prev Cessation.* 2016; Sep. 2:74. doi: <https://doi.org/10.18332/tpc/64941>
6. Park SH, Duncan DT, El Shahawy O, **Shearston JA**, Lee L, Tamura K, Sherman SE, Weitzman M. Analysis of state-specific prevalence, regional differences, and correlates of hookah use in US adults, 2012-2013. *Nicotine Tob Res.* 2016, Sep. 9. pii: ntw229
7. Weitzman M, Yusufali AH, Bali F, Vilcassim MJ, Gandhi S, Peltier R, Nadas A, Sherman S, Lee L, Hong Z, **Shearston J**, Park SH, Gordon T. Effects of hookah smoking on indoor air quality. *Tob Control.* 2016, Oct 26. pii: tobaccocontrol-2016-053165
8. Park SH, Lee L, **Shearston JA**, Weitzman M. Patterns of Electronic Cigarette Use and Level of Psychological Distress. *PLoS ONE.* 2017, Mar 9;12(3):e0173625.
9. Tseng KK, Park SH, **Shearston JA**, Lee L, Weitzman M. Parental Psychological Distress and Food Insecurity: Sad Dads in Hungry Homes. *J Dev Behav Pediatr.* 2017, Jul 24. doi: 10.1097/DBP.0000000000000481
10. Palamar JJ and **Shearston JA**. Nonmedical Opioid Use in Relation to Recency of Heroin Use in a Nationally Representative Sample of Adults in the US. *J Psychoactive Drugs.* 2017, Sep 12:1-8.
11. Park SH, Duncan D, El Shahawy O, Lee L, **Shearston JA**, Tamura K, Sherman SE, Weitzman M. Characteristics of Adults Who Switched from Cigarette Smoking to E-cigarettes. *Am J Prev Med.* 2017, Aug 22. pii: S0749-3797(17)30363-X. doi: 10.1016/j.amepre.2017.06.033.
12. **Shearston JA**, Shah K, Cheng E, Moosvi R, Park SH, Patel N, Spielman AI, Weitzman M. Dental, Dental Hygiene, and Advanced Dental Students' Use, Knowledge, and Beliefs Regarding Tobacco Products. *J Dental Educ.* 2017, Nov;81(11):1317-1326. doi: 10.21815/JDE.017.091.
13. El-Shahawy O, Park SH, Lee L, Duncan DT, Tamura K, **Shearston JA**, Sherman SE, Weitzman M. Evaluating State-level Differences in E-cigarette and Cigarette Use Among Adults in the United States Between 2012 and 2014: Findings From the National Adult Tobacco Survey. *Nicotine Tob Res.* 2018, Feb 27. doi: 10.1093/ntr/nty013
14. Chapman CR, **Shearston JA**, Folkers KM, Redman BK, Caplan AL, Bateman-House A. Single Patient Expanded Access Requests: IRB Professionals' Experiences and Perspectives. *AJOB Empir Bioeth.* 2019, Apr-Jun. doi: 10.1080/23294515.2019.1577192

Manuscripts in Progress

15. El-Shahawy O, Park SH, Rogers E, **Shearston JA**, Thompson A, Cooper S, Freudenberg N, Ball SA, Shelley D, Sherman SE. Hookah Use Patterns, Social Influence and Associated Other Substance Use Among a Sample of New York City Public University Students. Submitted to *Drug Alcohol Depen*
16. **Shearston JA**, Lee L, Eazor J, Meherally S, Park SH, Weitzman M, Gordon T. Effects of exposure to direct and secondhand hookah and e-cigarette aerosols on ambient air quality and cardiopulmonary health in adults and children: protocol for a cross-sectional panel study. Under review at *BMJ*

17. **Shearston JA**, Hilpert M. Gasoline Vapor Emissions During Vehicle Refueling Events, New York City. In draft.
18. **Shearston JA**, Eazor J, Lee L, Vilcassim R, Reed T, Ort D, Weitzman M, Gordon T. Effects of Electronic Cigarettes and Hookah Water Pipe Use on Home Air Quality. In draft.

Other Publications

1. US Environmental Protection Agency, Region 2. (**Shearston JA** - Primary Author) Best Practices for Reducing Lead Exposure: A Resource for Community Coalitions. Under government review
2. Sherman SE, El-Shahawy O, Leinberger-Jabari A, **Shearston J**, Weitzman M. Dokha Tobacco Smoking: An Alternative Tobacco Product Endemic to the Arabian/Persian Gulf. Handbook of Healthcare in the Arab World. Ed. Ismail Laher.

Conference Abstracts, Posters and Presentations

1. **Shearston JA**, Park SH, Lee L, Oshinsky C, Sherman SE, Weitzman M. Hookah: An Emerging Threat to Adolescent Females in the US. Poster Presentation. National Institutes of Health-Tobacco Regulatory Science Conference, May 2016, Bethesda, MD.
2. **Shearston JA**, Shah K, Cheng E, Moosvi R, Park SH, Patel N, Spielman AI, Weitzman M. Use, Knowledge, and Beliefs about Cigarettes and Alternative Tobacco Products Among Dental Students at One US Institution. Poster Presentation. Society for Research on Nicotine and Tobacco Annual Meeting. Florence, Italy. March 2017.
3. **Shearston JA**, Park SH, Lee L, Weitzman M. Exclusive Hookah Use, Exclusive Cigarette Use, and Hookah-Cigarette Dual Use Among US Adolescents.
 - a. Poster Presentation. Pediatric Academic Society Annual Meeting: San Francisco, CA. May 2017.
 - b. Oral Presentation. 19th Annual Conference, International Society of Addiction Medicine: Abu Dhabi, UAE. October 26-29, 2017.
4. **Shearston JA**, El-Shahawy O, Park SH, Thompson A, Watnick D, Lamberson P, Weitzman M, Ball S, Freudenberg N, Sherman S. Characteristics Associated with Self-Reported Changes in Level of Current Hookah Use among a Sample of US Young Adults. Poster Presentation. 3rd International Conference on Waterpipe Tobacco Smoking Research. Beirut, Lebanon. November 2017.
5. **Shearston JA**, Leinberger-Jabari A, El-Shahawy O. Dokha: Current Knowledge and Gaps: A Review of the Literature. Oral Presentation. 1st Dokha Tobacco International Symposium. Abu Dhabi, UAE. November 5-6, 2017.
6. **Shearston JA**, Hilpert M. Gasoline Vapor Emissions During Vehicle Refueling Events, New York City. Poster Presentation. International Society of Environmental Epidemiology Annual Meeting: Utrecht, The Netherlands. August 25-28, 2019.

Skills

Computer Skills: R, STATA; ArcGIS; Microsoft Office; EndNote

Research: GIS, Grant submission; IRB application; Survey development; Study management

Teaching: Curriculum development, special education