

ACADEMIC APPOINTMENTS

Assistant Professor of Instruction 2018–Present
 Department of Epidemiology and Biostatistics, College of Public Health

Clinical Research Associate 2018–Present
 Children’s Hospital of Philadelphia, Center for Injury Research and Prevention

EDUCATION

PhD in Epidemiology 2016
 Dornsife School of Public Health, Drexel University, Philadelphia, PA
Dissertation: Women’s Occupational Patterns and Later Life Physical Functioning

Master of Public Health in Epidemiology 2009
 George Washington University, School of Public Health & Health Services, Washington, D.C.
Thesis: Effect of Chemokine Receptor Mutations on Neurocognitive Impairment Among HIV-Infected Women

Bachelor of Arts in Economics, Bachelor of Arts in Italian Language 2004
 University of Virginia, Charlottesville, VA

RESEARCH EXPERIENCE

University of Pennsylvania, Penn Injury Science Center 2016–2018
 Postdoctoral Research Fellow

Children’s Hospital of Philadelphia, Center for Injury Research and Prevention 2016–2018
 Postdoctoral Research Fellow

Drexel University School of Public Health, Department of Epidemiology & Biostatistics 2012–2016
 Graduate Student & Research Fellow

GRANTS AND FELLOWSHIPS

Completed:

Understanding child restraint system use on airplanes (**PI: Palumbo**): The Center for Child Injury Prevention Studies at the Children’s Hospital of Philadelphia
 Total direct: \$36,000 2018–2019

In-Depth analysis of crash causation factors using SHRP2 (year 1): rear-end striking crashes (PI: Seacrist, **Co-I: Palumbo**): The Center for Child Injury Prevention Studies at the Children’s Hospital of Philadelphia
 Total direct: \$58,000 2018–2019

Women’s Occupational Patterns and Health-Related Quality of Life (**PI: Palumbo**): The Reed Foundation Ruth Landes Memorial Research Fund
 Total direct: \$46,000 2014–2015

AWARDS AND HONORS

Drexel University Outstanding Dissertation Award – Honorable Mention 2016

Drexel University Research Day Award Winner 2015

Charles C. Shepard Science Award (CDC/ATSDR) nominee co-author 2013

Department of Epidemiology and Biostatistics Practicum Research Fellowship Award 2008

PUBLICATIONS***Peer-reviewed Articles***

- Palumbo AJ**, Pfeiffer MR, Metzger K, Curry AE. Driver Licensing, motor vehicle crashes, and moving violations among older adults. (*in press, Journal of Safety Research*)
- Palumbo AJ**, Wiebe DJ, Kassam-Adams N, Richmond TS. Neighborhood environment and health of urban black men. *Journal of Racial and Ethnic Health Disparities*, 2019. DOI:10.1007/s40615-019-00609-5.
- Palumbo AJ**, Cannuscio C, De Roos, AJ, Robinson L, Mossey J, Wallace R, Garcia L, Shadyab AH, Sealy-Jefferson S, Michael Y. Women's occupational patterns and later life physical functioning. *Journal of Aging and Health*, 2019. DOI:10.1177/08982643.
- Hannan C, **Palumbo AJ**, Fisher-Thiel MC, Weiss EE, Seacrist T. Advanced driver assistance systems for teen drivers: A national survey of teen and parent perceptions. *Traffic Injury Prevention*, 2018. DOI: 10.1080/15389588.2018.1494383. Epub
- Palumbo AJ**, Pfeiffer MR, Elliott MR, Curry AE. Young driver compliance with Graduated Driver Licensing restrictions before and after implementation of a decal provision. *Journal of Adolescent Health*, 2018; 62(5): 612-617. DOI:10.1016/j.jadohealh.2017.11.292.
- Morrison CN, Ukert B, **Palumbo A**, Dong B, Jacoby SF, Wiebe DJ. Assaults on days of campaign rallies during the 2016 US Presidential Election. *Epidemiology*, 2018; 29(4):490-493. DOI: 10.1097/EDE.0000000000000821.
- Palumbo AJ**, De Roos, AJ, Cannuscio C, Robinson L, Mossey J, Weitlauf J, Garcia L, Wallace R, Michael Y. Work characteristics associated with physical functioning in women. *Int J of Environ Res Public Health: Special Issue on Women's Health and the Work Environment*, 2017; 14(4):424. DOI:10.3390/ijerph14040424.
- Palumbo A**, Michael Y, Hyslop T. Latent class model characterization of neighborhood socioeconomic status. *Cancer Causes & Control*, 2016; 27(3):445-452. DOI 10.1007/s10552-015-0711-4.
- Palumbo AJ**, Michael YL, Burstyn I, Lee BK, Wallace R. Occupational physical demand and risk of hip fracture in older women. *Occup Environ Med* 2015; 72:567-572.
- Longenberger AH, **Palumbo AJ**, Chu AK, Moll ME, Weltman A, Ostroff SM. *Campylobacter jejuni* Infections Associated With Unpasteurized Milk—Multiple States, 2012. *Clin Infect Dis*, 2013. DOI: 10.1093/cid/cit231.
- Trivedi TK, DeSalvo T, Lee L, **Palumbo A**, Moll M, Curns A, Hall AJ, Patel M, Parashar UD, Lopman BA. Hospitalizations and Mortality Associated With Norovirus Outbreaks in Nursing Homes, 2009-2010. *JAMA* 2012; 308(16):1668-1675. -Nominated for 2013 Charles C. Shepard Science Award (CDC/ATSDR)
- Palumbo AJ**, Loveless PA, Moll M, Ostroff S. Evaluation of electronic hospital surveillance systems for healthcare-associated infections in Pennsylvania. *Infect Control Hosp Epidemiol*, 2012; 33(2):105-111.
- Centers for Disease Control and Prevention. Invasive Group A Streptococcus in a Skilled Nursing Facility — Pennsylvania, 2009–2010. *MMWR* 2011; 60:1445-1449. Reported by: Julie Marsden, Lisa Dettinger, George Fraser, Kirsten Waller, Maria Moll, Andre Weltman, Atmaram Nambiar, Stephen Ostroff, **Aimee Palumbo**, Bernard Beall, Chris Van Beneden, Carolyn Gould, Nimalie Stone, Neil Gupta and Allison Longenberger

Works in Progress

- Palumbo AJ**, Jacoby S, Richmond T. The work of urban black men and impact of returning to work on mental health recovery following injury. (*in preparation, submitting to Injury*)
- Ahonen EQ, **Palumbo AJ**, Wang Y, Brown S, Fujishiro K, Michael Y. Women's work is never done: exploring the role of paid and unpaid work in women's cardiovascular health. (*in preparation*)

Peer-reviewed Presentations

- Hannan C*, **Palumbo A**, Seacrist T. Assessing the association between driver risk behaviors and crashes using the SHRP2 naturalistic driving study. *American Public Health Association Annual Conference 2019* – Philadelphia, PA – poster presentation
- Hannan C*, **Palumbo A**, Seacrist T. Assessing the association between driver risk behaviors and crashes using the SHRP2 naturalistic driving study. *8th International Symposium on Naturalistic Driving Research, 2019* – Melbourne, Australia – oral presentation
- Palumbo AJ**, Wiebe DJ, Kassam-Adams N, Richmond TS. Feelings versus facts: Using neighborhood data and perceptions of neighborhoods to study how place affects self-reported health of urban black men. *Society of Epidemiologic Research, 51st Annual Meeting 2018*, Baltimore, MD – poster presentation
- Palumbo AJ**, Pfeiffer MR, Metzger K, Curry AE. Examination of state-level licensing and motor vehicle crash rates among older adults. *Society of Epidemiologic Research, 51st Annual Meeting 2018*, Baltimore, MD – poster presentation
- Miller A, Goldstein N, **Palumbo AJ**, Locke R, Bartoshesky L, Mackley A, Sullivan K, Guillen U. Futility and Neonates: How much does one define when too much is too much?, *Pediatric Academic Societies 2018 Meeting*, Toronto, Canada
- Palumbo AJ**, Pfeiffer MR, Elliott MR, Curry AE. Young driver compliance with Graduated Driver Licensing restrictions before and after implementation of a decal provision, *Society of Epidemiologic Research, Annual Meeting 2017*, Seattle, WA – poster presentation; *Transportation Research Board, Annual Meeting 2018*, Washington, DC – poster presentation
- Palumbo AJ**, De Roos, AJ, Robinson L, Mossey J, Cannuscio C, Wallace R, Michael YL. Substantively Complex Work Associated with Better Physical Functioning in Women, *4th Epidemiology Congress of the Americas, Congress Meeting 2016*, Miami, FL – poster presentation
- Palumbo AJ**, De Roos, AJ, Robinson L, Mossey J, Cannuscio C, Wallace R, Michael YL. Identifying Women’s Occupational Patterns in a Long-Term National Health Study, *Society of Epidemiologic Research, 48th Annual Meeting 2015*, Denver, CO – poster presentation
- Michael YL, **Palumbo AJ**, Burstyn I, Lee BK, Wallace R. Lifetime Exposure to Occupational Physical Demand and Hip Fractures in Post-menopausal Women. *International Epidemiology Association World Congress of Epidemiology, 2015 Anchorage, AL.* – poster presentation
- Palumbo A**, Michael Y, Hyslop T. Latent Class Model Characterization of Neighborhood SES. *American Association of Cancer Research. 105th Annual Meeting 2014*, San Diego, CA – poster presentation (In: Proceedings of the 105th Annual Meeting of the American Association for Cancer Research; 2014 Apr 5-9; San Diego, CA. Philadelphia (PA): AACR; Cancer Res 2014;74(19 Suppl):Abst nr 4137. doi:10.1158/1538-7445.AM2014-4137)
- Palumbo AJ**, Michael YL, Burstyn I, Lee BK, Wallace R. Pre-menopausal Occupational Physical Demand Protects Against Hip Fractures. *Society of Epidemiologic Research, 46th Annual Meeting 2013*, Boston, MA – oral presentation (In: Am J Epidemiol 2013;177(11 Suppl):S53)
- Palumbo AJ**, Moll ME, Ostroff SM. Description of Healthcare-Associated Infections in Long-Term Care Facilities in Pennsylvania, *Council of State and Territorial Epidemiologists, Annual Conference 2011*, Pittsburgh, PA – poster presentation; *Association for Professionals in Infection Control, Annual Conference 2011*, Baltimore, MD – poster presentation
- Palumbo AJ**, Loveless PA, Moll M, Ostroff S. Evaluation of electronic hospital surveillance systems for healthcare-associated infections in Pennsylvania, *Council of State and Territorial Epidemiologists, Annual Conference 2010*, Portland, OR – oral presentation; *Northeast Epidemiology Conference, Lenox, MA* – oral presentation; and *American Public Health Association, Annual Meeting 2010*, Denver, CO – oral presentation

*student

ALTERNATIVE MEDIA

Palumbo AJ: Measuring the Effect of the NJ Decal Provision on GDL Compliance, February 13, 2018
<https://injury.research.chop.edu/blog/posts/measuring-effect-nj-decal-provision-gdl-compliance#.WpAu1E0o671>
 Research Communications at the Children’s Hospital of Philadelphia: Cornerstone – Where Science and Medicine Converge, February 23, 2018. “Can Vehicle Decals Improve Young Driver Safety?”
<https://blog.research.chop.edu/martha-curley-cardiology-2018-hearing-loss-and-heart-surgery-driving-safety-parents-and-allergies>

ACADEMIC TEACHING

Temple University College of Public Health

Department of Epidemiology & Biostatistics

Teaching Faculty, Assistant Professor of Instruction

Undergraduate courses

- EPBI 3203 – Applied Survey Methods (2020)
- EPBI 3101 – Introduction to Epidemiology (2019)
- EPBI 2219 – Biostatistics and Public Health (2018-2019)

Graduate courses

- EPBI 5101 – Fundamentals of Epidemiology (2018-2020)
- EPBI 8205 – Chronic Disease Epidemiology (2018-2019)
- EPBI 8011 – Social Epidemiology (2019)
- EPBI 9289 – MPH Fieldwork I (2019-2020)
- EPBI 9389 – MPH Fieldwork II (2019-2020)

Drexel University School of Public Health

Department of Epidemiology & Biostatistics

Adjunct Faculty

EPI 550: Applied Survey Research in Epidemiology 2018

PBHL 699 ES: Research Methods, 5 students 2018

Instructor

PBHL 632: Applied Survey Research in Epidemiology 2016

Teaching Assistant

PBHL 632: Applied Survey Research in Epidemiology 2013–2015

PBHL 630: Intermediate Epidemiology

Guest Lecturer

EPI T680: Social Epidemiology, Work and Health 2013–2019

PBHL 636: Infectious Disease Epidemiology, Healthcare Associated Infections

MENTORING, ADVISING, AND TUTORING

Mentor for NSF Research Experience for Undergraduate (REU) Student program at CHOP 2018

Penn Career Services Postdoc Panelist “Finding the Right Postdoc for Your Career Goals” 2018

Epidemiology and biostatistics tutor for Community Health and Prevention PhD students 2014–2015

SERVICE

Temple University

Epi-Bio Department Awards and Merit Committee (chair); CPH Online MPH committee; 2019–2020

CPH Undergraduate committee 2019–2020

Admissions Committee for CPH Epidemiology and Biostatistics MPH applicants 2018–2020

Manuscript Reviewer

Journal of Aging and Health, Social Science & Medicine, Epidemiology, Traffic Injury and Prevention,
British Medical Journal Open, Occupational and Environmental Medicine, Health & Place 2016–Present

Abstract Reviewer

Society for Epidemiologic Research, American Public Health Association, SAVIR 2015–2018

Volunteer

Gift of Life Family House/UVa Club of Philadelphia 2017

OTHER PROFESSIONAL EXPERIENCE

Pennsylvania Department of Health 2011–2012

Division of Infectious Disease Epidemiology, Investigations Section

Epidemiology Research Associate

- Developed outbreak reports for internal use and public dissemination
- Coordinated responses to regional and state-wide enteric disease outbreaks or clusters, assisted local health depts
- Collaborated with CDC on research about nursing home Norovirus outbreaks hospitalization and mortality rates
- Led efforts to research best practices for improvement and updating of the state’s epidemiology manual

Pennsylvania Department of Health & CSTE 2009–2011

Division of Infectious Disease Epidemiology, Healthcare-Associated Infections

Council of State and Territorial Epidemiologists Applied Epidemiology Fellow

- Led multiple outbreak investigations, including a cluster of carbapenem-resistant *Klebsiella pneumoniae* and a large outbreak of invasive group A *streptococcus* in a long-term care facility
- Prepared data for first three annual reports on healthcare-associated infections in Pennsylvania
- Created internal data-validation report for hospitals using the National Healthcare Safety Network (NHSN)
- Collaborated with contractors for the health department on external data validation project

District of Columbia Department of Health – HIV/AIDS Administration 2009

Bureau of Epidemiology

Epidemiology Research Assistant

- Analyzed data and wrote up manuscript on cancer incidence among HIV-positive patients
- Performed record matching of HIV-positive patients across multiple data sources
- Analyzed data for the 2008 Annual Report and Epidemiology Update on HIV/AIDS in the District of Columbia

The GW School of Public Health and Health Services, Washington, D.C

Practicum Experience

Georgetown University - Women’s Interagency Health Study 2008–2009

- Survival analysis of the effect of chemokine receptor mutations on time to neurocognitive impairment among HIV-positive women in the Women’s Interagency Health Study

CERTIFICATIONS AND TRAINING

Temple CPH online teacher training course 2019

Applying the QM Rubric for online learning (Drexel University) 2015

Certified in Infection Control (CIC) (PA Department of Health) 2011–2016

MEMBERSHIPS

Society for Epidemiologic Research 2013–Present

American Public Health Association 2019–Present

Delta Omega Public Health Honor Society Member Inducted 2009