

## **ACADEMIC APPOINTMENTS**

<b>Assistant Professor of Instruction</b>	2018–Present
Department of Epidemiology and Biostatistics, College of Public Health	
<b>Clinical Research Associate</b>	2018–Present
Children’s Hospital of Philadelphia, Center for Injury Research and Prevention	

## **EDUCATION**

<b>PhD in Epidemiology</b>	2016
Dornsife School of Public Health, Drexel University, Philadelphia, PA	
<i>Dissertation:</i> Women’s Occupational Patterns and Later Life Physical Functioning	
<b>Master of Public Health in Epidemiology</b>	2009
George Washington University, School of Public Health & Health Services, Washington, D.C.	
<i>Thesis:</i> Effect of Chemokine Receptor Mutations on Neurocognitive Impairment Among HIV-Infected Women	
<b>Bachelor of Arts in Economics, Bachelor of Arts in Italian Language</b>	2004
University of Virginia, Charlottesville, VA	

## **RESEARCH EXPERIENCE**

<b>University of Pennsylvania, Penn Injury Science Center</b>	2016–2018
Postdoctoral Research Fellow	
<b>Children’s Hospital of Philadelphia, Center for Injury Research and Prevention</b>	2016–2018
Postdoctoral Research Fellow	
<b>Drexel University School of Public Health, Department of Epidemiology &amp; Biostatistics</b>	2012–2016
Graduate Student & Research Fellow	

## **GRANTS AND FELLOWSHIPS**

### ***Completed:***

Understanding child restraint system use on airplanes ( <b>PI: Palumbo</b> ): 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, <b>Co-I: Palumbo</b> ): 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 ( <b>PI: Palumbo</b> ): The Reed Foundation Ruth Landes Memorial Research Fund	
Total direct: \$46,000	2014–2015

## **AWARDS AND HONORS**

Student-Selected Graduate Teaching Award, Epidemiology & Biostatistics	2020
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 Publications*** (<https://orcid.org/0000-0003-0769-6015>)

- Palumbo AJ**, Richmond TS, Webster J, Koilor C, Jacoby SF. The relationship between work and mental health outcomes in Black men after serious injury. *Injury*, 2021. DOI: 10.1016/j.injury.2021.02.021.
- Johnson K, Hollin I, **Palumbo A**, Spitzer JC, Sarwer DB. An ecologic analysis of comorbidities in patients with COVID-19 in Philadelphia and New York City. *CommonHealth*, 2020; 1(3):85-92. <https://doi.org/10.15367/ch.v1i3.407>.
- Ahonen EQ, Fujishiro K, Brown S, Wang Y, **Palumbo AJ**, Michael Y. Gendered exposures: Exploring the role of paid and unpaid work in women's cardiovascular health, *Critical Public Health*, 2020. DOI: 10.1080/09581596.2020.1854183
- Goldstein ND, **Palumbo AJ**, Bellamy S, Purtle J, Locke R. State and local government expenditures and infant mortality in the United States, *Pediatrics*, 2020. DOI: 10.1542/peds.2020-1134
- 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.
- Palumbo AJ**, Pfeiffer MR, Metzger K, Curry AE. Driver Licensing, motor vehicle crashes, and moving violations among older adults. *Journal of Safety Research*, 2019; 71:87-93. DOI: 10.1016/j.jsr.2019.09.019
- 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.jadohealht.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

### ***Selected Peer-reviewed Presentations***

Johnson KM, Andresen N, Ferretti L, Jaschek G, Jordan D, McCallion P, **Palumbo A**, Jones RM. Making connections: The creation and implementation of a Temple University's Contact Tracing Training Program. *Association of Schools and Programs of Public Health Annual Meeting*, 2021, Virtual – poster presentation.

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*, 51<sup>st</sup> 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*, 51<sup>st</sup> 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, *4<sup>th</sup> 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*, 48<sup>th</sup> Annual Meeting 2015, Denver, CO – 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*, 46<sup>th</sup> 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

## **MEDIA MENTIONS & ALTERNATIVE MEDIA**

- Palumbo A. Subject matter expert on: Podcast episode “Taking Our Best Shot”, ThePulse by WHYY. Air date March 5, 2021. Accessible at: <https://whyy.org/episodes/taking-our-best-shot/>
- Palumbo A. Subject matter expert on: “Don’t abandon masks because you’re vaccinated”, by Christina Mitchell. Temple News. Posted March 2, 2021. Accessible at: <https://temple-news.com/dont-abandon-masks-because-youre-vaccinated/>
- Palumbo A. Subject matter expert on: “What does ‘community spread’ of the coronavirus mean right now?”, by Hannah Chinn. WHYY. Posted December 10, 2020. Accessible at: <https://whyy.org/articles/what-does-community-spread-of-the-coronavirus-mean-right-now/>
- Palumbo A. Subject matter expert on: “When will we know if Thanksgiving brought a COVID-19 spike?”, by Hannah Chinn. WHYY. Posted December 4, 2020. Accessible at: <https://whyy.org/articles/when-will-we-know-if-thanksgiving-brought-a-covid-19-spike/>
- Palumbo, A. Panelist for “The Global Pandemic: Response and Effects” discussion as part of Temple’s Global Reach Global Teach week. November 17, 2020. Recording accessible at <https://sites.temple.edu/globalteach/iew-events/#pandemic>
- Palumbo A. Subject matter expert on: “Philly bans indoor gatherings, broadens restrictions amid surge in COVID-19 cases.” By Alan Yu. WHYY. Posted November 16, 2020. Accessible at: <https://whyy.org/articles/philadelphia-to-impose-new-pandemic-restrictions-amid-surge/>
- Palumbo, A. Subject matter expert in KYW Newsradio In Depth podcast with Charlotte Reese “Did anyone really get it right? Takeaways from coronavirus responses around the globe.” Posted November 3, 2020. Accessible at <https://www.radio.com/kywnewsradio/podcasts/kyw-newsradio-in-depth-229/did-anyone-really-get-it-right-takeaways-from-coronavirus-responses-around-the-globe-349282583>
- Palumbo, A. Subject matter expert on article: “What you need to know about hosting Thanksgiving this year”, by Grace Dickinson. *Philadelphia Inquirer*. Posted October 28, 2020 Accessible at <https://fusion.inquirer.com/things-to-do/holidays/thanksgiving-outdoor-dinner-safety-covid-coronavirus-tips-20201028.html>
- Palumbo A. Subject matter expert on: “Heading down to the Line Sunday for the Ravens-Eagles game? Here’s what you need to know”, by Les Bowen. *Philadelphia Inquirer*. Posted October 16, 2020. Accessible at <https://www.inquirer.com/eagles/philadelphia-eagles-coronavirus-lincoln-financial-field-fans-20201016.html>
- Palumbo, A. Subject matter expert on article: “9 medical experts on how their kids are safely celebrating Halloween”, by Grace Dickinson. *Philadelphia Inquirer*. Posted October 5, 2020. <https://www.inquirer.com/things-to-do/halloween-2020-coronavirus-ideas-costumes-trick-or-treating-safety-20201005.html>
- Palumbo, A. Subject matter expert on article: “Don’t isolate your friends who are parents — even if their kids are back out in the world”, by Elizabeth Wellington. *Philadelphia Inquirer*. Posted September 14, 2020. Accessible at <https://www.inquirer.com/health/coronavirus/parents-school-risk-coronavirus-isolation-socializing-20200914.html>
- Palumbo, A. Subject matter expert on article: “Is now the time to go for an annual physical exam or health screening?”, by Alan Yu. WHYY. Posted May 29, 2020. Accessible at <https://whyy.org/articles/is-now-the-time-to-go-for-an-annual-physical-exam-or-health-screening/> (subsequently published on NPR’s Health Shots June 3, 2020: <https://www.npr.org/sections/health-shots/2020/06/03/867505454/is-it-safe-yet-to-get-your-physical-or-a-dental-checkup>)
- Palumbo A. Subject matter expert on article: “Over 75% of people tested in Philly jailed are positive for COVID-19”, by Max Marin. *Billy Penn*. Posted May 4, 2020. Accessible at <https://billypenn.com/2020/05/04/over-75-of-people-tested-in-philly-jails-are-positive-for-covid-19/>

- Palumbo, A. Subject matter for expert on article: “Montgomery County’s jail tested every inmate for COVID-19 — and found 30 times more cases than previously known,” by Roebuck, J and Steele, A. *Philadelphia Inquirer*. Posted April 28, 2020. Accessible at <https://www.inquirer.com/news/coronavirus-testing-montgomery-county-jail-asymptomatic-philadelphia-prisons-20200428.html>.
- Palumbo, A. Subject matter expert on article: “Structural racism exacerbates health disparities amid COVID-19, by Tyler Perez. *Temple News*. Posted April 14, 2020. Accessible at <https://temple-news.com/structural-racism-exacerbates-health-disparities-amid-covid-19/>
- Palumbo, A. Subject matter for expert on article: “Despite virus concerns, some Philly Catholics still receiving Communion on the tongue,” by Bender, W. *Philadelphia Inquirer*. Posted March 31, 2020. Accessible at <https://www.inquirer.com/health/coronavirus/coronavirus-philadelphia-archdiocese-communion-tongue-religion-20200331.html>
- 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 3102 – Introduction to Research Methods	2021
EPBI 2361 – Epi 360: Determinants and Diseases	2020
EPBI 2219 – Biostatistics and Public Health	2018-2020
EPBI 3101 – Introduction to Epidemiology	2019
<i>EPBI 3203 – Applied Survey Methods (planned, spring 2022)</i>	

##### **Graduate courses**

EPBI 5101 – Fundamentals of Epidemiology	2018-2021
EPBI 8011 – Social Epidemiology	2019-2020
EPBI 9289 – MPH Fieldwork I	2019-2020
EPBI 9389 – MPH Fieldwork II	2019-2020
EPBI 8205 – Chronic Disease Epidemiology	2018-2019

### **Drexel University School of Public Health**

*Department of Epidemiology & Biostatistics*

#### **Adjunct Faculty**

<i>EPI 550: Applied Survey Research in Epidemiology</i>	2018
<i>PBHL 699 ES: Research Methods, 5 students</i>	2018

#### **Instructor**

<i>PBHL 632: Applied Survey Research in Epidemiology</i>	2016
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#### **Teaching Assistant**

<i>PBHL 632: Applied Survey Research in Epidemiology</i>	2013–2015
<i>PBHL 630: Intermediate Epidemiology</i>	

#### **Guest Lecturer**

<i>EPI T680: Social Epidemiology, Work and Health</i>	2013–2019
<i>PBHL 636: Infectious Disease Epidemiology, Healthcare Associated Infections</i>	

## **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;	
CPH Undergraduate committee	2019–2020
Admissions Committee for CPH Epidemiology and Biostatistics MPH applicants	2018–2020

### *Manuscript Reviewer (Ad Hoc)*

Journal of Aging and Health, Archives of Environmental and Occupational Health, Social Science & Medicine, Epidemiology, Traffic Injury and Prevention, British Medical Journal Open, Occupational and Environmental Medicine, Health & Place, CommonHealth, Obesity Science & Practice	2016–Present
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### *Abstract Reviewer*

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

COVID-19 vaccination clinics hosted by Temple’s College of Public Health	2021
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 in healthcare facilities
- 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
- 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	2019–2020
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