

CURRICULUM VITAE

Jerald A. Fagliano, Ph.D., M.P.H.

CONTACT INFORMATION

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EDUCATION

Johns Hopkins University School of Hygiene and Public Health, Baltimore, MD

Doctor of Philosophy (1998), Occupational and Environmental Epidemiology
Dissertation: A Case-control Study of Childhood Brain Cancer and Drinking Water Contamination

Yale University School of Medicine, New Haven, CT

Master of Public Health (1985), Concentration in Environmental Health
Thesis: Need and Feasibility of Epidemiologic Studies in the Great Lakes Basin
President, Epidemiology and Public Health Student Organization, 1984

University of Vermont, Burlington, VT

Bachelor of Arts, Magna cum laude (1980), Major in Biology
Phi Beta Kappa, Alpha Chapter of Vermont, 1980

ACADEMIC APPOINTMENTS / OTHER PROFESSIONAL HISTORY

Chair, Department of Environmental and Occupational Health
September 2015 to August 2020; September 2020 to August 2024
Drexel University, Dornsife School of Public Health, Philadelphia, PA

Associate Clinical Professor
September 2015 to present
Drexel University, Dornsife School of Public Health, Philadelphia, PA

Manager, Environmental and Occupational Health Surveillance Program
July 2009 to August 2015

Manager, Hazardous Site Health Evaluation Program
February 1989 to June 2009

Program Specialist / Research Scientist / Environmental Scientist
September 1985 to January 1989
New Jersey Department of Health, Trenton, NJ

Laboratory Technician / Laboratory Director
July 1980 to March 1983
Burlington Water Resources Department, Burlington, VT

HONORS AND AWARDS

Public Service Honor Roll, Association of Yale Alumni in Public Health, 2006

Distinguished Service Award, American Public Health Association, Environment Section, 2001

1st Prize, Ecology Division, Undergraduate Research Competition,
Eastern Colleges Science Conference, 1980

PROFESSIONAL ACTIVITIES

Professional Affiliations

American Public Health Association

Member since 1985; Elected to Environment Section Council, 1991-94; Appointed Environment Section Program Chair, 1993 Annual Meeting; Elected Environment Section Chair, 1995; Appointed to APHA Science Board, 1996-1999; Elected to APHA Governing Council, 1999-2001, 2001-2003

Council of State and Territorial Epidemiologists

Member since 2006; Annual Meeting Planning Committee, Environment Planner, 2007; Environmental Epidemiology Leadership Group; Candidate for Executive Board, 2012.

International Society for Environmental Epidemiology

Member since 1993

Advisory Panels / Task Forces

Climate Resilience Research Agenda (Regional Climate Change and Cascading Hazards Working Group), Drexel University / Academy of Natural Sciences / City of Philadelphia / Delaware Valley Regional Planning Commission / Consortium for Climate Risks in the Urban Northeast, Philadelphia, PA, June 2021 to present.

Executive Committee, Urban Climate Change Research Network, North American Hub, based at Drexel University, Philadelphia, PA, February 2017 to present.

New Jersey Climate Change and Public Health Working Group, New Jersey Climate Adaptation Alliance, Rutgers University, New Brunswick, NJ, 2016-2017.

Science Advisory Board, Public Health Standing Committee, New Jersey Department of Environmental Protection. Trenton, NJ, June 2016 to present.

Climate Change and Health Advisory Committee, Philadelphia Department of Public Health, Philadelphia, PA, March 2016 to present.

Future and Emerging Strategies in Environmental Public Health Tracking. Johns Hopkins University/Centers for Disease Control and Prevention Workshop, Baltimore, MD, March 2015.

Advancing Disease Cluster Assessments: Starting the Discussion. Baltimore, MD, April 2013.

CSTE/CDC Cancer Cluster Investigation Guideline Revisions (2010-2011). Council of State and Territorial Epidemiologists, Atlanta GA, 2010-2011.

Content Work Group (Co-Chair). National Environmental Public Health Tracking Program, Centers for Disease Control and Prevention, 2006-2014.

National Academy of Sciences Panel on Drinking Water Contamination and Related Health Effects at Camp Lejeune, North Carolina. National Academy of Sciences, Water Science and Technology Board, on behalf of the Government Accountability Office, Washington, DC, July 2005.

Environmental Clearance Committee, Anthrax Spore Contamination of the Trenton Processing and Distribution Center. United States Postal Service, Trenton, NJ, 2003-2004.

Cancer Cluster Task Force. New Jersey Department of Health and Senior Services, Trenton, NJ, 2003-2005.

Occupational Health Surveillance Advisory Board. New Jersey Department of Health and Senior Services, Trenton, NJ, 2003-2009.

Expert Panel Workshop on Studying Environmental Exposures Among Children with Cancer: Current Technologies, Methodological Challenges, and Community Concerns. Agency for Toxic Substances and Disease Registry, Atlanta, GA, January 2000.

Board of Scientific Counselors Meeting of Particulate Matter Subcommittee. U.S. Environmental Protection Agency, Office of Research and Development, Durham, NC, October 1999.

Environmental Public Health Surveillance. National Center for Environmental Health, Atlanta, GA, March and June 1996.

Role of Biomarkers in Field Studies of Environmentally Associated Cancers. Agency for Toxic Substances and Disease Registry, Atlanta, GA, May 1994.

Testimony

Fagliano J: Lead in drinking water: Public health context. Philadelphia City Council, Joint Meeting of Committee on Children and Youth and Committee on Public Health and Human Services. March 21, 2016.

PUBLICATIONS

Peer-reviewed Journal Articles

26. De Roos AJ, Kondo MC, Robinson LF, Rai A, Ryan M, Haas C, Lojo J, Fagliano JA. Heavy precipitation, drinking water source, and acute gastrointestinal illness in Philadelphia, 2015-2017. *PLOS ONE* 2020;15(2): e0229258. <https://doi.org/10.1371/journal.pone.0229258>
25. Gleason JA, Nanavaty JV, Fagliano JA. Drinking water lead and socioeconomic factors as predictors of blood lead levels in New Jersey's children during two time periods. *Environmental Research* 2018: <https://doi.org/10.1016/j.envres.2018.11.016>
24. Gleason JA, Fagliano JA. Effect of drinking water source on associations between gastrointestinal illness and heavy rainfall in New Jersey. *PLOS ONE* 2017;Mar 10;12(3):e0173794. doi: 10.1371/journal.pone.0173794.

23. Tsai S, Hamby T, Chu A, Gleason JA, Goodrow GM, Gu H, Lifshitz E, Fagliano JA. Development and application of syndromic surveillance for severe weather events following Hurricane Sandy. *Disaster Med Public Health Prep* 2016;10:463-71. doi: 10.1017/dmp.2016.74. Epub 2016 May 5.
22. Gleason, JA, Kratz NR, Greeley RD, Fagliano JA. Under the weather: Legionellosis and meteorological factors. *EcoHealth* 2016;13:293-302. doi: 10.1007/s10393-016-1115-y. Epub 2016 Mar 18.
21. Gleason JA, Fagliano J. Associations of daily pediatric asthma emergency department visits with air pollution in Newark, NJ: Utilizing time-series and case-crossover study designs. *J Asthma* 2015;52:815-822. doi: 10.3109/02770903.2015.1033726. Epub 2015 Jul 27.
20. Henry KA, Fagliano J, Jordan HM, Rechtman L, Kaye WE. Geographic variation of amyotrophic lateral sclerosis incidence in New Jersey, 2009-2011. *Am J Epidemiology* 2015;182:512-519; doi: 10.1093/aje/kwv095. Epub 2015 Jun 3.
19. Jordan H, Fagliano J, Rechtman L, Lefkowitz D, Kaye W. Effects of demographic factors on survival time after a diagnosis of amyotrophic lateral sclerosis. *Neuroepidemiology* 2015;44:114-120. doi: 10.1159/000380855. Epub 2015 Mar 17.
18. Gleason JA, Post GB, Fagliano JA. Associations of perfluorinated chemical serum concentrations and biomarkers of liver function and uric acid in the US population (NHANES), 2007-2010. *Environmental Research* 2015;136:8-14. doi: 10.1016/j.envres.2014.10.004. Epub 2014 Nov 19.
17. Cohn PD, Gleason JA, Rudowski E, Tsai SM, Genese CA, Fagliano JA. Community outbreak of legionellosis and an environmental investigation into a community water system. *Epidemiology and Infection* 2015;143:1322-1331. doi: 10.1017/S0950268814001964. Epub 2014 Aug 1.
16. Jordan HM, Fagliano J, Lefkowitz D, Rechtman L, Kaye WE. Population-based surveillance of Amyotrophic Lateral Sclerosis in New Jersey, 2009-2011. *Neuroepidemiology* 2014;43:49-56. doi: 10.1159/000365850. Epub 2014 Oct 16.
15. Gleason JA, Bielory L, Fagliano JA. Associations between ozone, PM2.5, and four pollen types on emergency department pediatric asthma events during the warm season in New Jersey: a case-crossover study. *Environmental Research* 2014;132:421-429. doi: 10.1016/j.envres.2014.03.035. Epub 2014 May 21.
14. Goodman M, LaKind JS, Fagliano JA, Lash TL, Wiemels JL, Winn DM, Patel C, VanEenwyk J, Kohler BA, Schisterman EF, Albert P, Mattison DR. Cancer cluster investigations: review of the past and proposals for the future. *Int J Environ Res Public Health* 2014;11(2):1479-1499. doi: 10.3390/ijerph110201479. Review.
13. Stanbury M, Anderson H, Blackmore C, Fagliano J, Heumann M, Kass D, McGeehin M. Functions of environmental epidemiology and surveillance in state health departments. *J Public Health Management Practice* 2012;18(5):453-460.
12. Ulirsch G, Orloff K, Alexian D, Allen-Lewis S, Fagliano J, Langmann DM, Larson K, Miles D, Prohonic E, Telfer J, Robinson S, Turner MM, Berkowitz J. Developing new hazard category language for the Agency for Toxic Substances and Disease Registry's public health assessment products. *J Environ Health* 2011;73:76-78.

11. Ulirsch GV, Gleason K, Gerstenberger S, Moffett DB, Pulliam G, Ahmed T, Fagliano J. Evaluating and regulating lead in synthetic turf. *Environ Health Perspec* 2010;118:1345-1349. doi: 10.1289/ehp.1002239.
10. Klotz J, Bryant P, Wilcox HB, Dillon M, Wolf B, Fagliano J. Population-based retrieval of newborn dried blood spots for researching paediatric cancer susceptibility genes. *Paediatric and Perinatal Epidemiology* 2006; 20:449-452.
9. Maslia ML, Reyes JJ, Gillig RE, Sautner JB, Fagliano JA, Aral MM. Public health partnerships addressing childhood cancer investigations: case study of Toms River, Dover Township, New Jersey, USA. *Int J Hyg Environ Health* 2005;208:45-54.
8. Ilacqua V, Freeman NCG, Fagliano J, Lioy P. The historical record of air pollution as defined by attic dust. *Atmospheric Environment* 2003; 37:2379-2389.
7. Cohn P, Savrin J, Fagliano J. Mapping of volatile organic chemicals in New Jersey water systems. *J Exposure Analysis and Environ Epidemiol* 1999;9:171-180.
6. Stern AH, Fagliano JA, Savrin JE, Freeman NCG, Lioy PJ. The association of chromium in household dust with urinary chromium in residences adjacent to chromate production waste sites. *Environ Health Perspec* 1998;106:833-839.
5. Fagliano JA, Savrin JE, Udasin I, Gochfeld M. Community exposure and medical screening near chromium waste sites in New Jersey. *Reg Toxicol Pharmacol* 1997;26:S13-S22.
4. Orloff KG, Ulirsch G, Wilder L, Block A, Fagliano J, Pasqualo J. Human exposure to elemental mercury in a contaminated residential building. *Arch Environ Health* 1997;52(3):169-72.
3. Cohn P, Klotz J, Bove F, Berkowitz M, Fagliano J. Drinking water contamination and the incidence of leukemias and lymphomas. *Environ Health Perspec* 1994;102(6-7):556-61.
2. Burke T, Fagliano J, Goldoft M, Hazen RE, Iglewicz R, McKee T. Chromite ore processing residue in Hudson County, New Jersey. *Environ Health Perspec* 1991;92:131-37.
1. Fagliano JA, Berry MK, Bove FB, Burke TA. Drinking water contamination and the incidence of leukemia: an ecologic study. *Am J Public Health* 1990;80(10):1209-12.

Commentaries / Editorials / Public Health Alerts

6. Fagliano JA, Diez Roux AV. Climate change, urban health, and the promotion of health equity. *PLOS Medicine* 2018;15(7):e1002621. doi: 10.1371/journal.pmed.1002621. Epub 2018 Jul 24.
5. Cancer Cluster Guidelines Work Group (Abrams V, Anderson H, Blackmore C, Bove F, Condon S, Ehemann C, Fagliano J, Haynes LB, Lewis L, Major J, McGeehin M, Simms E, Sircar K, Soler J, Stanbury M, Watkins S, Wartenberg D). Investigating suspected cancer clusters and responding to community concerns: Guidelines from CDC and the Council of State and Territorial Epidemiologists. *MMWR Recommendations and Reports* September 27, 2013; 62(8):1-24.
4. Blumenstock J, Fagliano J, Bresnitz E. The Dover Township childhood cancer investigation. *New Jersey Medicine* 2000;97:25-30.

3. Sasso FS, Ferraiuolo R, Garetano G, Gursky E, Fagliano J, Pasquale J, Salkie R, Rotola J. Mercury exposure among residents of a building formerly used for industrial purposes -- New Jersey, 1995. *MMWR* 1996;45(20):422-4. *Also published as:* Mercury exposure among residents of a building formerly used for industrial purposes—New Jersey, 1995. *JAMA* 1996;276(1):17–18. doi:10.1001/jama.1996.03540010019010
2. Cohn PD, Fagliano JA, Klotz JB. Assessing human health effects from chemical contaminants in drinking water: New Jersey's initiatives. *New Jersey Medicine* 1994;91(10):719-22.
1. Fagliano J, Freund A, O'Leary K, Rosenman KD, Runnion V. PCB contamination of ceiling tiles in public buildings - New Jersey. *MMWR* 1987;36(6):89-91.

Government and Other Reports

37. Fagliano J, McGreevy K, Agovino P: Birth Outcomes, Cancer Incidence and Mortality among the Ramapough Lenape Nation Turtle Clan Communities in Ringwood and Mahwah, New Jersey. New Jersey Department of Health, July 2015.
36. Fagliano J, McGreevy K: Air Quality in Paulsboro, New Jersey Following a Train Derailment and Vinyl Chloride Gas Release. New Jersey Department of Health, September 2014.
35. Fagliano J, Shumate A, McGreevy K: Surveys of Residents of Paulsboro, New Jersey Following a Train Derailment and Vinyl Chloride Gas Release. New Jersey Department of Health, September 2014.
34. Fagliano J, Gleason J, McGreevy K: Health Consultation: Synthesis Report of a Community Health Profile and Household Health Survey, Pompton Lakes, New Jersey. New Jersey Department of Health and U.S. Agency for Toxic Substances and Disease Registry, March 2014.
33. Gleason J, Fagliano J: Health Consultation: Household Health Survey, Pompton Lakes, New Jersey. New Jersey Department of Health, March 2014.
32. Fagliano J, McGreevy K, Agovino P: Health Consultation: Community Health Profile, Pompton Lakes, New Jersey. New Jersey Department of Health and U.S. Agency for Toxic Substances and Disease Registry, March 2014.
31. Jordan H, Rechtman L, Lefkowitz D, Fagliano J: ALS Surveillance New Jersey Final Report. New Jersey Department of Health and Senior Services, June 2012.
30. Fagliano J: Health Consultation: Childhood Blood Lead Data in the Population Living near the Ringwood Mines/Landfill Site, July 1999 to December 2010, Ringwood Borough, Passaic County, New Jersey. New Jersey Department of Health and Senior Services and U.S. Agency for Toxic Substances and Disease Registry, December 2011.
29. McGreevy K, Fagliano J: Health Consultation: Cancer Incidence in the Population Living near the Ringwood Mines/Landfill Site, 1979-2008, Ringwood Borough, Passaic County, New Jersey. New Jersey Department of Health and Senior Services and U.S. Agency for Toxic Substances and Disease Registry, December 2011.

28. McGreevy K, Fagliano J: Health Consultation: Incidence of Selected Cancer Types in the Garfield Neighborhood Near the E.C. Electroplating (Garfield Chromium Groundwater Contamination) Site, Garfield, Bergen County, New Jersey. New Jersey Department of Health and Senior Services and U.S. Agency for Toxic Substances and Disease Registry, October 2011.
27. Fagliano J, Berry M, Carter G, Stern A, Murphy E: Health Consultation: Analysis of Oral, Esophageal and Stomach Cancer Incidence Near Chromium-Contaminated Sites in Jersey City, Hudson County, New Jersey. New Jersey Department of Health and Senior Services, New Jersey Department of Environmental Protection, and U.S. Agency for Toxic Substances and Disease Registry, December 2010.
26. Fagliano J, Tsai S, Berry M: Temporal Analysis of Asthma Morbidity and Air Toxics Monitoring Site Data in Four Select New Jersey Municipalities. Report to the Centers for Disease Control and Prevention. New Jersey Department of Health and Senior Services, September 2009.
25. Fagliano J, Tsai S, Berry M: Asthma Hospitalization in New Jersey in Relation to National-scale Air Toxics Assessment Estimates. Report to the Centers for Disease Control and Prevention. New Jersey Department of Health and Senior Services, September 2009.
24. Berry M, Fagliano J, Haltmeier P, Carter G, Stern A, Murphy E: Health Consultation: Analysis of Lung Cancer Incidence Near Chromium-Contaminated Sites in Jersey City, Hudson County, New Jersey. New Jersey Department of Health and Senior Services, New Jersey Department of Environmental Protection, and U.S. Agency for Toxic Substances and Disease Registry, September 2008.
23. Berry M, Fagliano J: Health Consultation: Childhood Cancer Incidence Update: A Review and Analysis of Cancer Registry Data, 2001-2005 for the Township of Toms River, Ocean County, New Jersey. New Jersey Department of Health and Senior Services and U.S. Agency for Toxic Substances and Disease Registry, September 2008.
22. Aluwalia S, Fagliano J, Haltmeier P, Glenshaw MT: Health Consultation: Mercury Exposure Investigation Using Serial Urine Testing and Medical Records Review, Kiddie Kollege, Franklinville, Gloucester County, New Jersey. New Jersey Department of Health and Senior Services and U.S. Agency for Toxic Substances and Disease Registry, June 2007.
21. Fagliano J, Berry M, Cohn P, Goun B, Haltmeier P, Opiekun R, Henry K, Kohler B, Roche L, Anderson S, Bonanno L, Klotz J: Spatial and Temporal Variation in the Incidence of Selected Cancers. Report to the Centers for Disease Control and Prevention. New Jersey Department of Health and Senior Services, January 2007.
20. Fagliano J, Berry M, Cohn P, Goun B, Haltmeier P, Opiekun R, Henry K, Kohler B, Roche L, Anderson S, Bonanno L, Klotz J: Exploring Geographic Scale for Cancer Incidence Mapping. Report to the Centers for Disease Control and Prevention. New Jersey Department of Health and Senior Services, January 2007.
19. Fagliano J, Berry M, Cohn P, Goun B, Haltmeier P, Opiekun R, Henry K, Kohler B, Roche L, Anderson S, Bonanno L, Klotz J: Analysis of Environmental Risk Factors and Cancer Incidence in New Jersey. Report to the Centers for Disease Control and Prevention. New Jersey Department of Health and Senior Services, January 2007.

18. Fagliano J, Berry M, Cohn P, Goun B, Haltmeier P, Opiekun R, Nanavaty J, Anderson S, Bonanno L, Klotz J: Spatial and Temporal Variation in Childhood Blood Lead in New Jersey, 2000-2004. Report to the Centers for Disease Control and Prevention. New Jersey Department of Health and Senior Services, January 2007.
17. Fagliano J, Berry M, Cohn P, Goun B, Haltmeier P, Opiekun R, Nanavaty J, Anderson S, Bonanno L, Klotz J: Analysis of Risk Factors for Elevated Levels of Blood Lead in New Jersey Children, 2000-2004. Report to the Centers for Disease Control and Prevention. New Jersey Department of Health and Senior Services, January 2007.
16. Fagliano J, Berry M, Cohn P, Goun B, Haltmeier P, Opiekun R, Beres-Sochka L, Knapp M, Royle M, Sweatlock JA, Anderson S, Bonanno L, Klotz J: Analysis of Spatial and Temporal Variation of Selected Birth Defects in New Jersey. Report to the Centers for Disease Control and Prevention. New Jersey Department of Health and Senior Services, January 2007.
15. Anderson S, Bonanno L, Klotz J, Fagliano J, Berry M, Cohn P, Goun B, Haltmeier P, Opiekun R: Development and Evaluation of Environmental Exposure Metric Databases. Report to the Centers for Disease Control and Prevention. New Jersey Department of Health and Senior Services, January 2007.
14. Aluwalia S, Kubiak S, Fontecchio C, Berry M, Fagliano J: Health Consultation: Mercury Exposure Investigation, Kiddie Kollege, Franklinville, Gloucester County, New Jersey. New Jersey Department of Health and Senior Services and U.S. Agency for Toxic Substances and Disease Registry, September 2006.
13. Cohn P, Skinner R, Burger S, Fagliano J, Klotz J: Radium in Drinking Water and the Incidence of Osteosarcoma. New Jersey Department of Health and Senior Services, September 2003.
12. Jenniss S, Fagliano J, Stern A, Klotz J: A Biomonitoring Plan for New Jersey. New Jersey Department of Health and Senior Services, June 2003.
11. Fagliano J, Berry M, Kohler B, Klotz J, Imtiaz R: Case-control Study of Childhood Cancers in Dover Township (Ocean County), New Jersey. New Jersey Department of Health and Senior Services and U.S. Agency for Toxic Substances and Disease Registry, January 2003.
10. Fagliano J, Murphy E: Public Health Consultation: Drinking Water Quality Analyses, 1996-1998, United Water Toms River, Dover Township (Ocean County), New Jersey. New Jersey Department of Health and Senior Services, New Jersey Department of Environmental Protection, and U.S. Agency for Toxic Substances and Disease Registry, January 2001.
9. Pasquale J, Fagliano J, Ulirsch G: Public Health Assessment: Reich Farm. New Jersey Department of Health and Senior Services and U.S. Agency for Toxic Substances and Disease Registry, January 2001.
8. Pasquale J, Fagliano J, Ulirsch G: Public Health Assessment: Dover Township Municipal Landfill. New Jersey Department of Health and Senior Services and U.S. Agency for Toxic Substances and Disease Registry, January 2001.
7. Pasquale J, Wilcomb B, Fagliano J, Ulirsch G: Public Health Assessment: Ciba-Geigy. New Jersey Department of Health and Senior Services and U.S. Agency for Toxic Substances and Disease Registry, January 2001.

6. Fagliano J, Berry M, Haltmeier P, Goun B, Savrin J, Blando J, Klotz J, Kohler B, Imtiaz R: Interim Report of the Case-control Study of Childhood Cancers in Dover Township (Ocean County), New Jersey. New Jersey Department of Health and Senior Services and U.S. Agency for Toxic Substances and Disease Registry, December 1999.
5. Fagliano J, Fontus H: Health Impact of the Napp Technologies Fire, Lodi New Jersey, April 21-22, 1995. New Jersey Department of Health, Division of Epidemiology, Environmental and Occupational Health Services, 1997.
4. Fagliano J, Savrin J: Chromium Medical Surveillance Project: Final Technical Report. New Jersey Department of Health, Division of Epidemiology, Environmental and Occupational Health Services, 1994.
3. Cohn P, Bove F, Klotz J, Berkowitz M, Fagliano J: Drinking Water Contamination and the Incidence of Leukemias and Non-Hodgkin's Lymphomas. New Jersey Department of Health, Division of Epidemiology, Environmental and Occupational Health Services, 1993.
2. Fagliano J, Goldoft M, Coniglio B, Zaganiski R, Burke T: Medical Evaluation of Children and Adults of the Whitney Young, Jr. School. New Jersey Department of Health, Division of Occupational and Environmental Health, Trenton, NJ, 1989.
1. Fagliano JA, Berry MK, Bove FB, Burke TA: Drinking Water Contamination and the Incidence of Leukemia. New Jersey Department of Health, Division of Occupational and Environmental Health, Trenton, NJ, 1987.

Books / Chapters

Watkins SM, Fagliano J. Exposures and conditions of acute environmental origin. Chapter 20 in: Rasmussen SA, Goodman RA, editors. *The CDC Field Epidemiology Manual*. New York: Oxford University Press; 2018. p. 375-392. (December 2018)

Other Media

Fagliano J: Energy system changes came too late but prevented the worst consequences. In: Dilworth R, Editor, *Climate Change and the Urban Future*. *Drexel Policy Notes* Fall 2018 4(1):18-19.

Fagliano J: Protecting children from lead in drinking water. *Public Health in Action*. Posted May 11, 2016. <http://phaction.weebly.com/community-voice/protecting-children-from-lead-in-drinking-water>

GRANTS AND CONTRACTS

Funded Grants and Contracts, Current

Title: ***Evaluating Health and Social Impacts of Installing Drinking Water Treatment Systems in Villages in India***

Master Service Agreement between FMC Corporation and Drexel University

Period: 2020-2023

Sponsor: FMC Corporation

Principal Investigator: Rajneesh Suri (Drexel Solutions Institute)

Role: Co-Investigator (with Suruchi Sood) of Health Impact and Community Needs Assessment portion of overall agreement
Award Amount: \$210,303 (Health Impact and Community Needs Assessment subaward)

Title: ***Development of COVID-19 Training Materials for Pennsylvania K-12 Schoolteachers***

Contract # 4400015617 (Master Services Agreement)

Period: 2020-2021

Sponsor: Pennsylvania Department of Health (COVID-19 supplement to APPLETREE cooperative agreement, 6 NU61TS000314-01-01)

Principal Investigator: Fagliano

Role: Principal Investigator

Award Amount: \$34,000

Title: ***Cancer Cluster Investigation Guidelines Update***

Contract # HHSD2002013M53944B/75D30119F06755

Period: 2019-2021

Sponsor: National Center for Environmental Health

Principal Investigator: Ashley Williams (ICF)

Role: Subcontractor to ICF and McKing Consulting Corporation to serve as subject matter expert for update to CDC's guidelines for investigation of cancer clusters.

Award Amount: \$10,000

Funded Grants and Contracts, Completed at New Jersey Department of Health

Title: ***National Environmental Public Health Tracking-Network Implementation***, U38 EH000948 and related preceding awards

Period: 2003 to 2015

Sponsor: National Center for Environmental Health

Principal Investigator: Fagliano

Role: Principal Investigator

Title: ***ATDSR's Partnership to Promote Localized Efforts to Reduce Environmental Exposure***, U61 TS000165 and related preceding awards

Period: 1987 to 1990, 1994 to 2015

Sponsor: Agency for Toxic Substances and Disease Registry

Role: Principal Investigator

Title: ***Fundamental and Expanded Occupational Health Surveillance***

Period: 2009-2015

Sponsor: National Institute for Occupational Safety and Health

Role: Oversight of surveillance program for focus areas of work-related asthma, silicosis, fatal injuries, and occupational health indicators

Title: ***Census of Fatal Occupational Injuries***

Period: 2009-2015

Sponsor: U.S. Bureau of Labor Statistics

Role: Oversight of surveillance program for focus areas of work-related asthma, silicosis, fatal injuries, and occupational health indicators

Title: *State-based Amyotrophic Lateral Sclerosis Surveillance* Contract# 200-2009-32577
Period: 2010-2013
Sponsor: Agency for Toxic Substances and Disease Registry
Principal Investigator: Kaye (Overall PI at McKing Consulting Company)
Role: Contract Principal Investigator for New Jersey component of nation's first population-based surveillance of ALS, which established accurate estimates of incidence, prevalence, and survival.

Title: *Interagency Agreement on Drinking Water and Health*
Period: 1987 to 1990; 1995 to 2015
Sponsor: **New Jersey Department of Environmental Protection**
Role: Principal investigator; later, oversight of principal investigator of interagency agreement between NJDEP and NJDOH to conduct public health risk assessments and epidemiologic investigations related to contaminants in NJ drinking water, to develop public informational materials and campaigns, and to represent public health views at community meetings.

Adult Blood-Lead Epidemiology and Surveillance, NIOSH, 2009-2013
Role: Supervisor of Principal Investigator

Hazardous Substance Emergency Event Surveillance, ATSDR, 2001-2007
Role: Principal Investigator

Exposure to Tremolite Asbestos in Vermiculite Ore, ATSDR, 2002-2005
Role: Co-Investigator

Asthma and Hazardous Substances Applied Research, ATSDR, 2002-2005
Role: Principal Investigator

Public Health Laboratory Biomonitoring Planning, CDC, 2001-2003
Role: Co-Investigator

CONFERENCES / PRESENTATIONS

Invited Talks

Overview of climate change and health in the urban setting. Climate Year Speaker Series, Drexel University, August 2021.

Public health impacts of global climate change. Online launch event, Climate Year Case Competition, Drexel University, June 2021.

Academy Conversation: The Environment and the Election (Panel). Academy of Natural Sciences, Philadelphia, PA, November 2020.

Academy Conversation: What Role Does Science Play in Public Policy and Social Action During COVID-19? (Panel). Academy of Natural Sciences, Philadelphia, PA, May 2020.

Epidemiology of breast cancer and approaches to investigating suspected cancer clusters. Princeton Medical Center, August 2019.

Water and Well-being: Global Approaches to Water Management and Public Health. Academy Town Square Series (Panel). Academy of Natural Sciences, Philadelphia, PA, May 2019.

Epidemiologic investigation of extreme precipitation and acute gastrointestinal illness. Water-Related Research in the Delaware River Basin: Progress and Needs. Sponsored by the Pinchot Institute for Conservation, Philadelphia, PA, August 2018.

Global climate change: an overview. Drexel University College of Medicine Public Health Interest Group. Sponsored by Climate and Urban Systems Partnership (CUSP), Franklin Institute, Philadelphia, PA, April 2018.

Environmental Policy Panel (Panel). Drexel Sierra Club, Philadelphia, PA, May 2017.

Public Health Implications of Changes in Environmental and Climate Policies (Organizer and moderator). Dornsife School of Public Health, Drexel University, Philadelphia, PA, March 2017.

Understanding the burden and causes of death and disease: Science and public health action. “True Science” Lecture Series, Drexel University, Philadelphia, PA, April 2017. Online at: <https://www.youtube.com/watch?v=ETe7h9tNQdQ&feature=youtu.be&list=PLkDOe-nIprdOy0no0EyaGAtInBmKYR700>

Public health impacts of global climate changes. College of Arts and Sciences, Dean’s Seminar Series: Climate Change in the Time of Trump. Drexel University, Philadelphia, PA, February 2017.

Public health implications of global climate changes. Town Square panel discussion with Senator Bob Casey. Academy of Natural Sciences, Philadelphia, PA, January 2017.

The 2016 U.S. Presidential Elections: Implications for Public Health (Panel). Dornsife School of Public Health, Drexel University, Philadelphia, PA, December 2016.

Investigating community concerns about cancer and the environment. U.S. Environmental Protection Agency, Region 2 Retreat, Philadelphia, PA, November 2016.

Implications of a changing climate on public health in New Jersey. Preparing for the Impacts of a Changing Climate on Public Health in New Jersey: A Workshop for Public Health Practitioners. New Jersey Climate Adaptation Alliance, Rutgers University, New Brunswick, NJ, June 2016.

Lead in drinking water: Public health context. What’s in Our Water? Town Square. Academy of Natural Sciences, Philadelphia, PA, May 2016.

Flint’s water crisis: Public health contexts. Flint, Michigan Water Teach-In. Student Government Organization, Dornsife School of Public Health, Drexel University, Philadelphia, PA, April 2016.

Flint’s water crisis: Timeline and public health context. Penn Democrats, University of Pennsylvania, Philadelphia, PA, April 2016.

Flint’s water crisis: Timeline and context. Flint Water Crisis Panel Discussion. Temple Environmental Law Society, Beasley School of Law, Temple University. March 2016.

Environmental and occupational health surveillance and epidemiology at the New Jersey Department of Health. Annual Meeting of the Occupational and Environmental Medicine Association of New Jersey, October 2013.

Tracking Hurricane Sandy-related health impacts in New Jersey with a syndromic surveillance system. Environmental Public Health Tracking Workshop, Council of State and Territorial Epidemiologists Annual Conference, Pasadena, CA, June 2013.

Using public health data to assess vulnerability and cumulative impacts to health. Clean Air Council Annual Public Hearing, New Jersey Department of Environmental Protection, Trenton, NJ, April 2011.

Summary of chromium exposure and health studies. New Jersey Turnpike Authority, Health and Safety Committee, July 2010.

New Jersey's Environmental Public Health Tracking portal (with R Opiekun). Governor's Council on Prevention of Developmental Disabilities, Hamilton, NJ, June 2010.

New Jersey's Environmental Public Health Tracking network (with R Opiekun). Lead and Beyond Conference: Progress in Eliminating Lead Poisoning and New Opportunities for Collaboration in New Jersey, Edison, NJ, April 2010.

Environmental Public Health Tracking: Presenting environmental and health information to the public in New Jersey and New York City (with NL Jeffrey). Regional Meeting of the Tri-State Chapter of the International Society of Exposure Science, Hamilton, NJ, June 2009.

Adapting IBIS software for Environmental Public Health Tracking (with B Goun, R Opiekun). TRACKS 2009: The Future of Environmental Public Health, Washington, DC, February 2009.

Toms River Childhood Cancer Investigation: Examining evidence for a causal interpretation. (with M Berry) Epidemiology Seminar Series, New Jersey Department of Health and Senior Services, Trenton, NJ, July 2008.

Cluster investigations. A health department view. DIMACS/DyAn Workshop: Investigation of Disease Clusters: Transitioning to the 21st Century and Beyond. Center for Discrete Mathematics and Theoretical Computer Science, Rutgers University, Piscataway, NJ, May 2008.

EPHT Content Work Group: Where we've been, where we're going (with D Kass, J Qualters). Environmental Public Health Tracking Workshop, Albuquerque, NM, November 2007.

Chromium exposure and health studies in Hudson County, NJ (with A Stern). Regional Health and Environmental Conference, Agency for Toxic Substances and Disease Registry, Bear Mountain, NY, October 2007.

Overview: New Jersey Chromium Workgroup (with E Murphy). Regional Health and Environmental Conference, Agency for Toxic Substances and Disease Registry, Bear Mountain, NY, October 2007.

New Jersey's Environmental Public Health Tracking program. Occupational Health Surveillance Advisory Board Meeting, New Jersey Department of Health and Senior Services, Trenton, NJ, October 2007.

Examining geographic patterns in cancer incidence and environmental factors in New Jersey. GIS and Public Health Day (3rd Annual), State University of New York at Albany, School of Public Health, Rensselaer, NY, May 2007.

Case study: Linking monitored and modeled air toxics data with cancer and other health outcomes. Symposium on Air Pollution Exposure and Health, U.S. Environmental Protection Agency and Centers for Disease Control and Prevention, Research Triangle Park, NC, September 2006.

Looking for spatial clustering in the incidence of selected cancers in New Jersey. New Jersey Medical School, Department of Preventive Medicine and Community Health, Newark, NJ, September 2005.

Availability of New Jersey environmental data for use in studies of cancer incidence. Cancer Institute of New Jersey, Population Science Program Meeting, New Brunswick, NJ, July 2005.

Biomonitoring in public health. Chemistry Council of New Jersey 21st Annual Spring Conference, Galloway Township, NJ, May 2005.

Air pollutant data for linking studies. CDC Environmental Health Tracking Branch Webinar Series, December 2004.

Drinking water monitoring data for tracking and linking studies. Environmental Public Health Tracking: Methods Training Course, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, July 2004.

Linking cancer surveillance and environmental data: Radium in drinking water and the incidence of osteosarcoma (with P Cohn, R Skinner, S Burger, J Klotz). Workshop: Making the Linkages Through the Use of Environmental Indicators, U.S. Environmental Protection Agency, Kansas City, MO, May 2004.

Health and brownfield sites. A Seat at the Table: Community Led Brownfields Revitalization Conference, Center for Public Environmental Oversight, Jersey City, NJ, May 2004.

Dover Township childhood cancer investigation: Findings and implications. Topics in Public Health Seminar Series, New Jersey Department of Health and Senior Services, Trenton, NJ, December 2003.

A public health perspective on communicating cancer risk. Cancer Clusters: Improving Dialogue with Communities and Individuals, Piscataway, NJ, October 2003.

Overview of Dover Township childhood cancer investigation. Non-regulated Compounds in Water, American Water Resources Association Fall Conference, West Windsor, NJ, October 2003.

Dover Township (Toms River) childhood cancer investigation. North American Association of Central Cancer Registries 2003 Annual Conference, Honolulu, HI, June 2003.

Testing for chromium exposure and health effects: A biomonitoring project in Hudson County, New Jersey. Abex/Remco Site Community Meeting, Willits, CA, September 2002.

Dover Township (Toms River), N.J. Childhood Cancer Investigation: Results of the epidemiologic study. California Department of Health Services, Oakland, CA, September 2002.

Dover Township Childhood Cancer Investigation: Results of the epidemiologic study. (with J Reyes) Grand Rounds, Community Medical Center, Toms River, NJ, August 2002.

Case-control study of childhood cancers in Dover Township, New Jersey. ATSDR Science Forum, Atlanta, GA, May 2002.

Dover Township Childhood cancer epidemiologic study: Findings and interpretation. New Jersey Department of Environmental Protection, Interagency Risk Assessment Committee, Trenton, NJ, April 2002.

Childhood cancer investigation in Dover Township, New Jersey. ATSDR's Program 1043 Partner's Meeting, Cincinnati, OH, March 2002.

Childhood cancer investigation, Dover Township (New Jersey). Society of Environmental Journalists, Regional Briefing, Environmental and Occupational Health Sciences Institute, Piscataway, NJ, January 2002.

Partnerships addressing childhood cancer: Toms River, Dover Township, Ocean County, New Jersey (with J Reyes, L Gillick). ATSDR Board of Scientific Counselors, Atlanta, GA, November 2001.

Pediatric cancer clusters and environmental exposures. (with J Forman) Grand Rounds, Community Medical Center, Toms River, NJ, September 2001.

Childhood cancer investigation in Dover Township (Ocean County), New Jersey. Health and Environment Electronic Seminar, Association of State and Territorial Health Officers, November 2000.

Dover Township childhood cancer investigation. Childhood Cancer Registry Workshop, Princeton, NJ, October 1999.

Investigation of elevated childhood cancer incidence in Toms River. Federal-State Toxicology and Risk Analysis Committee Meeting, Princeton, NJ, May 1999.

Community screening for exposure to chromium from waste sites. Chromium Symposium 1996, Industrial Health Foundation, Arlington, VA, April 1996.

Conferences

Hamby T, Tsai S, Gu H, Goodrow G, Gleason J, Fagliano J: Weather outlook: cloudy with a chance of... -- Classification of storm-related ED visits. International Society for Disease Surveillance Annual Conference, Denver CO, December 2015.

Jordan H, Fagliano J, Rechtman L, Lefkowitz, D, Henry K, Opiekun R, Kaye W: Findings of the New Jersey Amyotrophic Lateral Sclerosis surveillance project, 2009-2011. Northeast Epidemiology Conference, New Brunswick, NJ, October 2015.

Gleason J, Fagliano J: Associations of daily pediatric asthma emergency department visits with air pollution in Newark, NJ: Utilizing time-series and case-crossover study designs (Poster). Council of State and Territorial Epidemiologists Annual Conference, Boston, MA, June 2015.

Tsai S, Hamby T, Fagliano J, Chu A, Gu H, Walsh A, Lifshitz E, Tan C: Temporal and spatial analysis for severe weather-related health concerns (Poster). Council of State and Territorial Epidemiologists Annual Conference, Boston, MA, June 2015.

Fagliano J, Jordan H, Opiekun R: Tracking in action: Establishing incidence and prevalence of Amyotrophic Lateral Sclerosis (ALS) (Poster). 2015 Environmental Public Health Tracking Virtual Conference, May 2015.

Henry KA, Fagliano J, Jordan H, Rechtman L, Kaye W: Geographic variation and area-based socioeconomic differences in Amyotrophic Lateral Sclerosis incidence in New Jersey, 2009-2011. Association of American Geographers Annual Meeting, Chicago, IL, April 2015.

Chu A, Tsai S, Hamby T, Lifshitz E, Tan C, Fagliano J: Development and validation of disrupted outpatient medical care syndromic surveillance classification related to severe weather events – New Jersey (Poster). National Association of County and City Health Officials Preparedness Summit, Atlanta, GA, April 2015.

Chu AF, Tsai S, Hamby T, Kostial E, Fagliano J: Development of mental health classification related to severe weather events. International Society for Disease Surveillance Annual Conference, Philadelphia, PA, December 2014.

Smith AE, Lincoln R, Fagliano J: Identifying and mapping areas at risk for private well contamination. Council of State and Territorial Epidemiologists Annual Conference, Nashville, TN, June 2014.

Fagliano J, Goun B, Driber S, Brown EM, Grass D: Improving the visualization of lung cancer incidence, smoking prevalence and radon data. Council of State and Territorial Epidemiologists Annual Conference, Nashville, TN, June 2014.

Fagliano J, Jordan H, Henry K, Lefkowitz D, Rechtman L, Kaye WE. Geographic variation of Amyotrophic Lateral Sclerosis incidence in New Jersey, 2009-2011 (Poster). Council of State and Territorial Epidemiologists Annual Conference, Nashville, TN, June 2014.

Shumate AM, Duncan MA, Taylor J, Graziano L, Hunter C, Vaouli E, Devlin J, Wilken J, Brinker K, Ruckart P, Eldridge J, Tan C, Orr M, Fagliano J: Trouble on the tracks: Chemical exposure, health effects, and communication after a train derailment – New Jersey, 2012. Council of State and Territorial Epidemiologists Annual Conference, Nashville, TN, June 2014.

Jordan, H, Fagliano J, Lefkowitz D, Rechtman L, Kaye W: Using mortality data as a component of Amyotrophic Lateral Sclerosis (ALS) surveillance in New Jersey (NJ) (Poster). American Academy of Neurology 2014 Annual Meeting, Philadelphia PA, April 2014.

Gleason J, Lefkowitz DK, Borjan M, Lumia M, Fagliano J: Demographic risk factors related to fatal and non-fatal work-related injuries by injury type, New Jersey, 2005-2010 (Poster). Council of State and Territorial Epidemiologists Annual Conference, Pasadena, CA, June 2013.

Gleason J, Fagliano JA: Developing a household health survey to investigate the health status of a community located above a contaminated groundwater plume. Council of State and Territorial Epidemiologists Annual Conference, Pasadena, CA, June 2013.

Gleason J, Fagliano JA: Case-crossover analysis of associations between ozone, PM2.5 and pollen on emergency department pediatric asthma events in New Jersey, 2004-2007. Council of State and Territorial Epidemiologists Annual Conference, Pasadena, CA, June 2013.

Fagliano J, Berry M, Tsai S: Heat-related emergency department visits in relation to measures of potential heat stress in New Jersey (Poster). Council of State and Territorial Epidemiologists Annual Conference, Pasadena, CA, June 2013.

Fagliano J, Jordan H, Lefkowitz D, Rechtman L, Kaye W. Findings from the New Jersey state-wide Amyotrophic Lateral Sclerosis (ALS) surveillance project (Poster, Award Finalist). Council of State and Territorial Epidemiologists Annual Conference, Pasadena, CA, June 2013.

Gleason J, Borjan M, Fagliano JA: Linking emergency medical services data to hospital discharge and emergency department data for the surveillance of non-fatal work-related injuries in New Jersey, 2011. Council of State and Territorial Epidemiologists Annual Conference, Pasadena, CA, June 2013.

Berry M, Fagliano J, Tsai S, McGreevy K, Walsh A, Hamby T: Evaluation of heat-related illness surveillance based on chief complaint data from New Jersey hospital emergency rooms. International Society for Disease Surveillance Annual Conference, San Diego, CA, December 2012.

Fagliano J: Adapting IBIS-PH for a state environmental public health tracking portal. American Public Health Association Annual Meeting, Philadelphia, PA, November 2009.

Gerstenberger S, Gleason K, Pulliam G, Fagliano J, Ahmed T, Moffett D, Ulirsch G: Methodological and regulatory issues surrounding the health evaluation of lead in synthetic turf. National Environmental Public Health Conference, Atlanta, GA, October 2009.

Fagliano J, Berry M, Haltmeier P, Stern A, Carter G, Murphy E: Lung cancer incidence near chromium-contaminated waste sites (Poster). National Environmental Public Health Conference, Atlanta, GA, October 2009.

Fagliano J, Berry M: Toms River childhood cancer investigation: Incidence data following public health interventions. Council of State and Territorial Epidemiologists Annual Conference, Denver, CO, June 2008.

Fagliano J, Berry M, Cohn P, Goun B, Haltmeier P, Opiekun R, Nanavaty J, Anderson S: An analysis of environmental risk factors for elevated childhood blood lead in New Jersey. Council of State and Territorial Epidemiologists Annual Conference, Atlantic City, NJ, June 2007.

Brownlee JA, Glenshaw MT, Kubiak S, Eldridge J, Fagliano J: Environmental public health response to elemental mercury exposure at Kiddie Kollege daycare, Gloucester County, New Jersey. National Environmental Health Association Annual Conference, Atlantic City, NJ, June 2007.

Fagliano J, Berry M, Cohn P, Goun B, Haltmeier P, Henry K, Opiekun R, Anderson S, Bonanno L, Klotz J: Lessons learned through linkage studies of incident cancers and environmental hazards in New Jersey (Poster). 2006 National Environmental Public Health Conference, Atlanta GA, December 2006.

Tsai SM, Miller SM, Lim L, Fagliano JA, Berry MK, Petix JR: Assessment of air toxics exposure data for an asthma hospitalization study. American Public Health Association Annual Meeting, Washington, DC, November 2004.

Fagliano J: Childhood cancer investigation in Dover Township, New Jersey. Sixth National Environmental Public Health Conference, Atlanta, GA, December 2003.

Maslia ML, Aral MM, Sautner JB, Fagliano J: Reconstructing historical operations of water-distribution systems. World Water and Environmental Resources Congress 2003, Philadelphia, PA, June 2003.

Fagliano J, Berry M, et al.: Public health response to a childhood cancer cluster: Childhood cancer incidence analyses and environmental assessments. American Public Health Association Annual Meeting, Philadelphia, PA, November 2002.

Berry M, Fagliano J, et al.: Assessments of historic environmental exposures using environmental models in an epidemiologic study of childhood cancer. American Public Health Association Annual Meeting, Philadelphia, PA, November 2002.

Fagliano J, Berry M, et al.: Case-control study of childhood cancers in Dover Township, New Jersey. American Public Health Association Annual Meeting, Philadelphia, PA, November 2002.

Fagliano J, Berry M, et al: Case-control study of childhood cancers and environmental factors in Dover Township, New Jersey, U.S.A. ISEE/ISEA Joint Conference, Vancouver, BC, Canada, August 2002.

Stern AH, Fagliano JA, Savrin JE, Freeman NCG, Liroy PJ: An external measure of chromium exposure (household dust) is predictive of an internal measure of exposure (urine Cr) in residences adjacent to waste sites. ISEE/ISEA Joint Conference, Boston, MA, August 1998.

Cohn P, Savrin J, Fagliano J: Mapping of volatile organic chemicals (VOC) in water systems in New Jersey, 1978-1990. International Society for Exposure Analysis Conference, Research Triangle Park, NC, November 1997.

Fagliano J: Drinking water contaminant data in epidemiologic studies in New Jersey. Drinking Water and Public Health Conference, Association of State and Territorial Public Health Laboratory Directors, McLean, VA, September 1996.

Fagliano, J, Savrin J, Haltmeier P, Solomon J, Polakowski R, Udasin I, Gochfeld M: Community screening for exposure to hazardous waste: Results of the Chromium Medical Surveillance Project. American Public Health Association Annual Meeting, Washington, DC, November 1994.

Udasin I, Gochfeld M, Fagliano J, Savrin J, Haltmeier P: Clinical findings in a population with community exposure to chromium. American Public Health Association Annual Meeting, Washington, DC, November 1994.

Fagliano J, Savrin J, Haltmeier P: The use of urine chromium analysis in community screening for exposure to chromium from waste sites. (Poster) ISEE/ISEA Joint Conference, Research Triangle Park, NC, September 1994.

Freeman NCG, Savrin JE, Fagliano JA, Stern AH, Liroy PJ: Contamination of dust in households near chromium waste sites. ISEE/ISEA Joint Conference, Research Triangle Park, NC, September 1994.

Klotz J, Fagliano J: Population exposure profiles: A tool for environmental health priority setting and program evaluation. Fifth National Environmental Health Conference, U.S. Public Health Service, Centers for Disease Control, Atlanta, GA, December 1992.

Fagliano J, Klotz J, Kiel D: Using disease registries and vital statistics data in a program of environmental epidemiology. Public Health Conference on Records and Statistics, National Center for Health Statistics, Washington, DC, July 1989.

Fagliano JA, Berry MK, Cunningham KM: Epidemiologic study of volatile organic contamination of public water systems: Incidences of leukemia and childhood malignancies. American Public Health Association Annual Meeting, New Orleans, LA, November 1987.

Guest Lectures

Hazards of rail transportation of chemicals: Case example of train derailment and vinyl chloride release. Guest lecture in course, HNRS 302 Disasters, Equity, and Social Justice (Professors Chernak, Kang, and Lough), Drexel University, Philadelphia, PA, February 2021.

Ethical conflicts in public health practice. Guest lecture in course, EOH 615 Environmental and Occupational Health Policy (Professor Sherry Brandt-Rauf), Drexel University Dornsife School of Public Health, Philadelphia, PA, April 2020 / April 2021.

Impacts of climate change on public health. Guest lecture in course, GEO 201 Earth Systems Processes (Professor Elizabeth Watson), Drexel University, Philadelphia, PA, March 2020.

Ecological study designs in environmental epidemiology. Guest lecture in course, EOH 625/825 Occupational and Environmental Epidemiology (Professor Igor Burstyn), Drexel University Dornsife School of Public Health, October 2019.

Perfluoroalkyl substances (PFAS) in drinking water: Weighing evidence of toxicity from human and animal studies. Guest lecture in course, EOH 605 Weight-of-evidence Evaluation in Environmental and Occupational Health (Professor Anneclaire De Roos), Drexel University Dornsife School of Public Health, May 2019.

Reducing lead in children's environments: Successes and the failure in Flint. Guest lecture in course, Housing, Health, and Equity (Professors Klinger and Feyler), University of Pennsylvania, Philadelphia, PA, January 2019.

Careers in environmental and occupational health. Guest lecture in course, UNIV H201 Looking Forward: Academics and Careers (Professor Carol Collier), Drexel University, Philadelphia, PA, November 2018.

Environmental epidemiology. Guest lecture in course, PBHL 314 Environmental and Occupational Health (Professor Sherry Brandt-Rauf), Drexel University Dornsife School of Public Health, Philadelphia, PA, October 2018.

Reducing lead in children's environments: Successes and the failure in Flint. Guest lecture in course, Advanced Local Public Health Policymaking (Professors Feyler and Roper), University of Pennsylvania, Philadelphia, PA, October 2018.

Perfluorinated chemicals in drinking water: the New Jersey experience. Guest lecture in course, EOH 615 Environmental and Occupational Health Policy (Professor Sherry Brandt-Rauf), Drexel University Dornsife School of Public Health, Philadelphia, PA, May 2018.

Non-infectious disease outbreaks: Investigating cancer clusters. Guest lecture in course, PBHL 321 Disease Outbreak Investigations (Professor Thersa Sweet), Drexel University Dornsife School of Public Health, Philadelphia, PA, March 2018 / February 2019 / February 2020 / March 2022.

(A) History of Environmental and Occupational Health. Guest lecture in course, PBHL 302 Introduction to the History of Public Health (Professor Rossi / Professor Yudell), Drexel University Dornsife School of Public Health, Philadelphia, PA, February 2018 / February 2019.

Housing and the home environment. Guest lecture in course, EOH 510 Principles and Practice of Environmental and Occupational Health (Professor De Roos), Drexel University Dornsife School of Public Health, November 2017 / November 2018 / November 2019.

Climate change and public health practice. Guest lecture in course, EOH 510 Principles and Practice of Environmental and Occupational Health (Professor De Roos / Professor Huynh), Drexel University Dornsife School of Public Health, October 2017 / November 2018 / October 2019 / October 2020 / November 2021.

Mercury exposure at a daycare center: Investigation and policy implications. Guest lecture in course, ENSS 120 Introduction to Environmental Studies and Sustainability (Professor Collier), Drexel University, Philadelphia, PA, November 2017 / November 2018 / October 2019.

Drinking water quality and protection of human health. Guest lecture in course, PBHL 314 Environmental and Occupational Health (Professor Hamra / Professor Schinasi), Drexel University Dornsife School of Public Health, Philadelphia, PA, May 2016 / May 2017 / May 2018.

Toms River childhood cancer investigation. Guest lecture in course, PBHL 314 Environmental and Occupational Health (Professor Hamra / Professor Schinasi), Drexel University Dornsife School of Public Health, Philadelphia, PA, April 2016 / April 2017 / May 2018.

Environmental health: responding to community concerns about cancer and the environment. Guest lecture in course, PBHL 308 The U.S. Public Health System (Professor Katz), Drexel University Dornsife School of Public Health, Philadelphia, PA, November 2015.

Investigating community concerns about cancer and the environment. Guest lecture in course, Biology and Public Policy (Professor Hewitt), University of Pennsylvania, Philadelphia, PA, November 2015.

Community concerns about cancer and toxins in the environment. Case example: Toms River childhood cancer investigation. Guest lecture in course, PBHL 643 Environmental and Occupational Toxicology (Professor Cummings), Drexel University Dornsife School of Public Health, Philadelphia, PA, November 2015.

Toms River childhood cancer investigation. Guest lecture in course, Scholar's Workshop (Professors Franzblau and Winter), Cooper Medical School of Rowan University, Camden NJ, March 2014 / March 2015 / March 2016 / February 2017 / February 2018 / February 2019 / February 2020 / December 2021.

Hazards of rail transportation of chemicals. Guest lecture in course, From Alchemy to Nanoscience: A History of Chemistry, University of Pennsylvania, Philadelphia, PA, October 2014.

Toms River childhood cancer investigation. Guest lecture in course, From Alchemy to Nanoscience: A History of Chemistry, University of Pennsylvania, Philadelphia, PA, September 2013.

Geographic and temporal patterns in cancer incidence: Clues to environmental risk factors? Guest lecture in course, What is Cancer? Disease, Society and History, University of Pennsylvania, Philadelphia, PA, March 2008.

Dover Township (Toms River) childhood cancer investigation. Guest lecture in course, Problem-Solving in Environmental and Occupational Health, The George Washington University Medical Center, School of Public Health and Health Services, Washington, DC, July 2007.

Identifying environmental cancer risks: Geographic patterns and time trends. Guest lecture in course, Social Determinants of Health, University of Pennsylvania, Philadelphia, PA, March 2007.

Examining environmental factors and cancer incidence in New Jersey. Guest lecture in course, GIS and Public Health, State University of New York at Albany, School of Public Health, Rensselaer, NY, March 2006.

Geographic patterns and time trends in cancer incidence. Guest lecture in course, Social Determinants of Health, University of Pennsylvania, Philadelphia, PA, March 2005.

Dover Township childhood cancer investigation. Guest lecture in course, Topics in 20th Century Clinical Medicine, University of Pennsylvania, Philadelphia, PA, April 2003 / November 2000 / March 2000.

Childhood cancer investigation in Dover Township/Toms River, N.J. Guest lecture in course, Environmental and Occupational Hazards: Recognition, Assessment and Control, Emory University, Atlanta, GA, May 2002.

The effects of hazardous waste sites on human health. Guest lecture in course on Community and Preventive Medicine, Allegheny University School of Medicine, Philadelphia, PA, February 1997.

IMPACT AND DISSEMINATION OF RESEARCH AND PRACTICE (Selected)

Madej P: SEPTA's ridership won't rebound for a long time. Fear of contracting COVID-19 is partially to blame (quoted). Philadelphia Inquirer, January 11, 2021.

<https://www.inquirer.com/transportation/septa-covid-19-public-transportation-fears-20210111.html>

Richter G: Heavy spring rainfall is followed by spikes in gastrointestinal illness in Philadelphia (quoted). Drexel Now, March 16, 2020. <https://drexel.edu/now/archive/2020/March/Heavy-Rainfall-Gastrointestinal-Illness/>

Bate D: Blazing back-to-school temperatures pose public health threat to students (quoted). WHYY, September 6, 2018. <https://whyy.org/articles/blazing-back-to-school-temperatures-pose-public-health-threat-to-students/>

Mitman H: What's in Philly's drinking water? Not lead, experts say. Philadelphia's distribution system is free of the heavy metal. But people living in older homes may have a problem (quoted). PhillyVoice, May 4, 2016. <https://www.phillyvoice.com/whats-phillys-drinking-water/>

Bauers S: Q&A: How safe is Philly's water? (interview). Philadelphia Inquirer, Sunday May 2, 2016 and philly.com, http://articles.philly.com/2016-05-02/news/72751903_1_water-quality-drinking-water-water-crisis

WPVI ABC 6 Action News. In wake of Flint crisis, Philadelphia addresses drinking water concerns (quoted). March 21, 2016. <https://6abc.com/philadelphia-drinking-water-lead-in-service-lines-pipes/1255967/>

Mikle J: EPA proposes clean-up level for Reich Farm chemical (quoted). Asbury Park Press, February 5, 2015. <https://www.app.com/story/news/local/2015/02/05/epa-proposes-clean-level-reich-farm-chemical/22946695/>

Nazaryan, Alexander: A town plagued by water (work cited in book review). *The New Yorker*, May 24, 2013. <https://www.newyorker.com/tech/annals-of-technology/a-town-plagued-by-water>

Vergano D: 'Toms River' navigates an environmental legacy (work cited in book review). USA Today, March 30, 2013. <https://www.usatoday.com/story/tech/columnist/vergano/2013/03/30/toms-river-dan-fagin/2027907/>

Fagin Dan: *Toms River: A Story of Science and Salvation*. (investigation featured). New York: Bantam Books, 2013. **Winner of Pulitzer Prize in General Nonfiction, 2014.**

Curwood, S: "Toms River." Living on Earth, Public Radio's Environmental News Magazine, January 11, 2002 (interview). <http://www.loe.org/shows/segments.html?programID=02-P13-00002&segmentID=5>

Sucato K: What's wrong in Toms River? (quoted, work cited) New York Times, Dec. 16, 2001.

TEACHING

Courses Taught

Public Health Foundations and Systems I (PBHL 510, 4 credit hours)

Fall quarter 2021 (with T Sweet) (84 students)

Fall quarter 2020 (with D Brown, T Sweet, M Yudell) (92 students)

Fall quarter 2019 (with J Kolker, T Sweet, M Yudell) (74 students)

Fall quarter 2018 (with J Kolker, T Sweet, M Yudell) (101 students)

Fall quarter 2017 (with J Kolker, T Sweet, M Yudell) (90 students)

Public Health Foundations and Systems II (PBHL 511, 4 credit hours)

Winter quarter 2022 (with T Sweet) (85 students)

Winter quarter 2021 (with D Brown, T Sweet, M Yudell) (82 students)

Winter quarter 2020 (with J Kolker, T Sweet, M Yudell) (69 students)

Winter quarter 2019 (with J Kolker, T Sweet, M Yudell) (99 students)

Winter quarter 2018 (with J Kolker, T Sweet, M Yudell) (87 students)

Public Health Impacts of Global Climate Change (EOH 657 / PBHL T580 / PBHL T480), 3 credit hours)

Winter quarter 2022 (with J Klotz) (14 students)
Winter quarter 2021 (with J Klotz) (10 students)
Winter quarter 2020 (with J Klotz) (25 students)
Winter quarter 2019 (with J Klotz) (7 students)
Spring quarter 2018 (with J Klotz) (11 students)
Spring quarter 2017 (with J Klotz) (9 students)
Spring quarter 2016 (with J Klotz) (9 students)

Public Health 101 (PBHL 101, 3 credit hours)

Spring quarter 2022 (# students TBD)
Spring quarter 2021 (40 students)
Spring quarter 2020 (30 students)
Spring quarter 2019 (40 students)
Spring quarter 2018 (40 students)
Spring quarter 2017 (29 students)

Environmental Documentaries (EOH T580, 1 credit hour)

Spring quarter 2022 (# students TBD)
Spring quarter 2021 (16 students)

Environmental and Occupational Toxicology (EOH 610 / EOH 810, 3 credit hours)

Winter quarter 2021 (6 students)

Environmental and Occupational Health (PBHL 640, 4 credit hours)

Winter quarter 2017 (with A De Roos, E Chernak, T Hipper) (105 students)
Winter quarter 2016 (with A De Roos, J Taylor, E Chernak) (114 students)

Environmental and Occupational Health (PBHL 640ES, 4 credit hours)

Fall quarter 2020 (as EOH T680) (1 student)
Fall semester 2020 (as PBHL T680) (1 student)
Spring semester 2020 (as PBHL T680) (2 students)
Summer semester 2019 (with A Frank) (24 students)
Summer semester 2018 (with A Frank) (24 students)
Summer semester 2017 (with A Frank) (31 students)
Summer semester 2016 (with A Frank) (19 students)

Applied Human Health Risk Assessment (EOH 695, as Independent Study, 3 credit hours)

Winter quarter 2020 (for Professor De Roos) (1 student)

Evidence Evaluation in Environmental Health (EOH 605 / EOH 805, 3 credit hours)

Spring quarter 2020 (for Professor De Roos) (5 students)

Applied Exposure Assessment (PBHL I699, as Independent Study, 3 credit hours)

Fall quarter 2018 (1 student)

Environmental Hazard Assessment (PBHL 641, 3 credit hours)

Fall quarter 2016 (with C Komis) (17 students)

MENTORING

Fellowship Mentoring, New Jersey Department of Health

Jessie Gleason, M.S.P.H.

Mentor, Council of State and Territorial Epidemiologists' Applied Epidemiology Fellowship, June 2011 to June 2013

Mary Glenshaw, Ph.D., M.P.H.

Mentor, CDC Epidemic Intelligence Service, July 2006 to June 2008

Doctoral Committees

Miriam Wamsley

Reportable Enteric Illness Due to Drinking Water Source in Pennsylvania (Candidate, Department of Epidemiology and Biostatistics, College of Public Health, Temple University)

Angela Fasnacht

Glyphosate Early Detection and Prediction Using Online Water Quality Sensors in Chlorinated Drinking Water Distribution Systems (Candidate, Department of Civil, Architectural, and Environmental Engineering, College of Engineering, Drexel University)

Peter Lenahan

A 30-Year Cancer Study of Firefighters and Police Officers in New Jersey (2018, Rutgers University School of Public Health)

Master of Public Health Program Advisees, Dornsife School of Public Health

Shanelle Jones

TBD (expected 2023)

Priyatham Kurapati

Developing Training Materials for School Teachers' Workplace Safety in the Commonwealth of Pennsylvania During the COVID-19 Pandemic (2021)

Wesley Goodman-Levy

Descriptive Analysis of Infographics Related to Climate Change and Health (2020)

Kathleen Escoto

NO₂ Exposure During Pregnancy and Birth Outcomes with the Philadelphia GeoBirth Cohort, 2013-2017 (2020)

Julie Cusack

Residential Exposure to Municipal Waste Incinerators and Adverse Pregnancy Outcomes: A Systematic Review (2020)

Alexis Johnson

Climate Change in Sub-Saharan Africa: Implications for the Health of Vulnerable Populations (2019)

Stephanie Steiner

Leveraging Social Media for Disaster Communication (2018)

Karnaditya Rana

Radiation Exposure Assessment in Medical and Assisting Staff Involved in Diagnostic and Therapeutic Procedures Using Radiation

Emitting Devices (2017)

Genevieve Adair Answering the Call: A Descriptive and Predictive Analysis of Philadelphia Dispatch Call Data (2017)

Mrunande Rathod Risk of Silicosis in Cut Stone Industry Workers (2016)

Executive MPH Program Advisees, Dornsife School of Public Health

Lana Johnson Non-violent Communication: Domestic Violence Workshops on Healthy Relationships and Healthy Communication Skills (2020)

Folosshade Laud-Hammond PHMC Strategic Plan 2020: Recommendations for the Thought Leadership Pillar (2020)

Lajune Harris Scattergood Foundation Innovation Database Internship Reflection Paper (2019)

Ryan Moore Creating a Post-Survey Analysis of an Ergonomic Assessment: White Paper (2019)

Linda Li Radon Exposure in Montgomery County, Maryland (2018)

Dion Lerman Health Impact: Lancaster Avenue Green Infrastructure Project (2017)

Urban Health MPH Advisees, Dornsife School of Public Health

David Anderson

Erin Beatty

Lola Afolabi

Rebecca Finkel

Lauren Petuya

Teaching Assistants Mentored

Sami Hamed Public Health Foundations and Systems I, Fall 2021
Public Health Foundations and Systems II, Winter 2022

Alexandra Trautman Public Health Foundations and Systems I, Fall 2019
Public Health Foundations and Systems II, Winter 2020

Brianna Guillory Public Health 101, Spring 2019

Emeka Nwaokocho Public Health 101, Spring 2018

Olivia Crunkleton Public Health 101, Spring 2018

Cecilia Harrison Public Health 101, Spring 2017

SERVICE

Service to Drexel University

Department of Environmental and Occupational Health

- Department Chair (September 2015 to present)
- Program Director, Master of Public Health in Environmental and Occupational Health (September 2017 to present)
- Chair, Department of Environmental and Occupational Health Program Assessment Review Committee (2019-2020)

Dornsife School of Public Health

- Member, Dean's Executive Committee (September 2015-present)
- Member, MPH degree program re-design working groups (2016-2017)
- Co-chair (with Dr. Suruchi Sood), Global Health Task Force (2017)
- Member Executive MPH Program Assessment Review (2017-2018)
- Member, *ad hoc* committee to develop proposal for online MPH programs (2018-2019)
- Member, planning committee, Urban Health Symposium: Reimagining Health in Cities (2019)

Search Committees

- Chair, tenure-track faculty search committee, Department of Environmental and Occupational Health (2016-2017); resulting hire: Dr. Jane Clougherty
- Member, tenure-track faculty search committee, Department of Environmental and Occupational Health (2018-2019); resulting hire: Dr. Leah Schinasi
- Member, teaching-track faculty search committee, Dornsife School of Public Health (2019-2020); resulting hire: Mr. Tom Hipper
- Member, search committee for inaugural Executive Director of The Environmental Collaboratory, Drexel University (2021); resulting hire: Dr. Mathy Stanislaus
- Member, department chair search committee, Department of Community Health and Prevention (2021-2022); pending

Service to Community

Schuylkill Center for Environmental Education, Philadelphia, PA

- Member, Board of Trustees (2017 to present); Chair, Education Committee (2020 to present); Member, Development Committee (2021 to present); Member, Land and Facilities Committee, (2017-2021); Member Environmental Arts Committee (2017)

Wissahickon Restoration Volunteers, Philadelphia, PA

- Board member and Secretary (2011 to present); Restoration crew leader (2011 to present)

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