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Associate Professor
Department of Biostatistics and Epidemiology,
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EDUCATION

Doctor of Philosophy, University of Illinois, Chicago, Illinois (May 2012) Department: Epidemiology;
Concentration: Environmental and Occupational Dissertation: *“Morbidity and Mortality among
Underground Coal Miners”*

Master of Science, University of Illinois, Chicago, Illinois (May 1992) Department: Epidemiology;
Concentration: Infectious Disease
Thesis: *“HIV Testing and Subsequent Behavioral Changes in Gay Men”*

Bachelor of Science, University of Wisconsin, Madison, Wisconsin (Aug 1981)

PROFESSIONAL POSITIONS

Rutgers, The State University of New Jersey

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|-----------------|---|
| 2018 to present | Associate Professor, School of Public Health, Department of Biostatistics and Epidemiology |
| 2020 to present | Master in Epidemiologic Methods, Program Director, School of Public Health, Department of Biostatistics and Epidemiology |
| 2018 to 2020 | Epidemiology Concentration Director, School of Public Health, Department of Biostatistics and Epidemiology |
| 2013 to 2018 | Assistant Professor, School of Public Health, Department of Epidemiology |
| 2013 to 2016 | Research Assistant Professor, Rutgers Environmental and Occupational Health Sciences Institute, Division of Environmental Epidemiology and Statistics |
| 2016 to present | Adjunct appointment: Joint Graduate Program in Toxicology |

University of Illinois at Chicago

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| 2013 to present | Assistant Professor (Adjunct), School of Public Health, Division of Epidemiology and Biostatistics |
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ACADEMIC AFFILIATIONS

Rutgers, The State University of New Jersey

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|-----------------|---|
| 2014 to present | Cancer Institute of New Jersey: Cancer Prevention and Control Program, Member |
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2014 to present Rutgers Center for Tobacco Studies, Associate Member

2013 to present Center for Environmental Exposures and Disease, a National Institute of Environmental Health Science Center of Excellence, Member
Co-chair, Integrative Health Services Facility Core (IHSFC)

2012 to present Member: Rutgers Environmental and Occupational Health Sciences Institute

GRANT FUNDING

Awarded and in progress

Exploring exposure sources of per- and polyfluoroalkyl substances (PFAS) among volunteer firefighters

This pilot project will investigate whether the elevated PFAS levels observed in volunteer firefighters enrolled in CAPS are associated with occupational (firefighting) or community related exposures. The study’s findings will inform future biomonitoring strategies in firefighters and provide pilot data to develop an NIH application for the PI to initiate the mentees independent research career.

NY-NJ NIOSH ERC; T42 OH 008422 (PI: Lubina) 2022/07/01-2023/06/30 \$12,000

Role: Co- Investigator/Mentor [Pilot Project Award]

Methods to assess firefighters’ exposures to thermal decomposition products of AFFF and FFF alternatives.

This exploratory project assesses methods for understanding exposure to, and sources of, per- and poly-fluoroalkyl substances (PFAS) exposure among US firefighters.

FEMA (EMW-2020-FP-00078; PI: Bello) 2021/09/28-2023/09/27 \$46,506

Role: subcontract PI

Cancer Risk Factors in Volunteer Firefighters: The Cancer Assessment and Prevention Study (CAPS)

The purpose of this proposal is to address the gap in knowledge about cancer causing exposures and risk factors among volunteer firefighters by assessing how volunteer firefighters’ risks and exposures may resemble or differ from those of career (employed/paid) firefighters. This project is a collaboration with the national Fire Fighter Cohort Study (FFCCS), a multicenter prospective cohort study.

FEMA (EMW-2019-FP-00517) 2020/09/28-2023/09/27 \$1,569,973

Role: Principal Investigator

Are elevated per- or polyfluoroalkyl substances (PFAS) blood levels associated with SARs-COV-2 antibody infection or symptom severity; a pilot study

The objective of this pilot project application is to evaluate the association between PFAS serum levels in firefighters/paramedics and SARS-CoV-2 IgM or IgG antibodies and severity COVID-19-related illness.

NIH/NIEHS Center Pilot Award 2017 (ES005022) 2017/03/04-2018/03/31 \$20,649

Role: Principal Investigator [Pilot Project Award]

Exposure to PFNA and other PFAS in drinking water and associations with health-related outcomes in Gloucester County NJ

The main objective of this project is to evaluate associations between health outcomes and multiple estimates of exposure to poly- and perfluoroalkyl substances (PFAS), with an emphasis on perfluorononanoic acid (PFNA), among members of highly exposed communities.

CDC/ATSDR (FP00015640; PI: Laumbach) 2019/11/01-2020/10/30 \$4,890,872

Role: Co-Investigator

Cancer Assessment Prevention and Control in New Jersey Firefighters

This research program will assess and respond to concerns about cancer from New Jersey firefighters by conducting statewide assessment of cancer among NJ firefighters and conducting behavioral, biological and environmental monitoring among Tom's River Firefighters.

Robert Wood Johnson (RWJ) Barnabas Health 2018/02/01-2020/01/31 (\$750,000)
Role: M-Principal Investigator

Carcinogenesis of head and neck tumors among World Trade Center rescue and recovery workers; a feasibility study

The goal of this project is to demonstrate the feasibility of obtaining and conducting biomarker testing (HPV genotyping and global DNA methylation pattern) of archived oropharyngeal tumor tissue from persons who did and did not have WTC exposure.

NIH/NIEHS Center Pilot Award 2017 (ES005022; PI: Zarbl) 2017/03/04-2018/03/31 \$31 ,628
Role: Principal Investigator [Pilot Project Award]

Mentored grants

Barriers and predictors of physical fitness among volunteer firefighters NIH/NHLBI: F31 PA-21-051

This mentored predoctoral project will investigate predictors and barriers of physical fitness among volunteer firefighters to inform health promotion strategies to improve the health of this understudied majority who protect our communities.

PI: Shah 07/01/2021 06/30/2023 \$12,000

Incidence and Predictors of COVID-19 Infection in Prison Clinical Staff NY-NJ NIOSH ERC; T42 OH 008422

The project will estimate the incidence and predictors of SARS-CoV-2 infection among health care workers serving New Jersey correctional facilities, and describe their symptomatology, outcomes, disposition and any lessons learnt from COVID-19 response program.

PI: Caruth 2021/07/01-2022/06/30 \$12,000

Exploring the Challenges and Facilitators to Physical Health in Volunteer Firefighters Across their Tenure

The project will use a mixed methods approach to assess the prevalence and predictors of physical health among volunteer firefighters at different stages of their firefighting service.

NY-NJ NIOSH ERC; T42 OH 008422

PI: Shah 2019/07/01-2020/06/30 \$12,000

An Assessment of Healthcare Access and Utilization in the WTC Health Monitoring Program

The aim of this pilot study was to describe healthcare access and utilization patterns among members of World Trade Center Health Program General Responders and to compare the healthcare utilization and access patterns of the WTCHP GRC to those of the general population in New York City.

NY-NJ NIOSH ERC; T42 OH 008422()

PI: Karasick 2019/07/01-2020/06/30 \$11,943

Completed

Head and neck cancer in the World Trade Center Health Program Cohort; elucidating risk factors to reduce incidence and morbidity

This study explored whether exposure to pollution from the 9/11 attacks on the World Trade Center is associated with head and neck cancer among rescue and recovery workers. It also assessed whether WTC exposure interacts with other known causes of these cancers including tobacco and alcohol use.

CDC/NIOSH/WTCHP (1U01OH011322-01) 2016/10/01-2018/09/30 (\$694,394)

Role: Principal Investigator

Perfluoronate Serum Levels in Paulsboro Residents: A Cross Sectional Study

The goals of this research were to describe serum levels of perfluorinated compounds (PFCs), including perfluorononanoic acid (PFNA), among residents of Paulsboro NJ, assess associations with health indicators and assess the feasibility of ongoing research in this community.

NIEHS Center Mini-Pilot Award 2015 (ES005022) 2016/07/01-2017/31/16 (\$21,000)

Role: Principal Investigator [Pilot Project Award]

Altered NAD+-dependent Sirt1 as a biomarker of circadian disruption by shift work

The long-term goal of this study was to evaluate NAD+/NADH and Sirt1 activity as biomarkers of disrupted circadian rhythm among workers with elevated risk of breast cancer due to shift work.

NIH/NCI (1R211ES 026802-01A1; PI: Fang) 2017/03/01-2019/02/28 (\$198,750)

Role: Co-Investigator

Rutgers Commuter and Commuter Cohort (RC3) Study

The goal of this project is to estimate exposure to traffic pollutants within New Jersey, and study the health impacts of these exposures, with the long-term goal to reduce risks and improve health through policy and technological changes.

New Jersey Health Foundation Rutgers University Research Biomedical Health Sciences Signature Area Award. Laumbach, R. (PI) 2015/01/01-2016/12/30 (\$25,000)

Role: Co-Investigator

New Jersey Miners Survey

The goal of this project was to conduct a survey of quarry workers in New Jersey in order to describe their tobacco use and work characteristics and to demonstrate the feasibility of conducting research within this population.

NIEHS Center Mini-Pilot Award 2015, 2015/03/01-2016/02/28 (\$7,650)

Role: Principal Investigator [Pilot Project Award]

Clarifying Distribution, Trends, and Determinants of Adverse Health in United States Miners: Exploration and Integration of Existing Data Systems

The goal of this project was to use existing data sources to improve our understanding of the prevalence and risk factors (e.g., tobacco use) for diseases traditionally associated with US miners (e.g. coal workers pneumoconiosis) as well as lung diseases less well understood in these workers, such as lung cancer.

Alpha Foundation for the Improvement of Mine Safety, and Health, Inc. AFC113-4; PI: 2013/11/01 - 2015/10/30 (PI: Cohen)

Role: Co-Investigator

A Linkage Study of Health Outcome Data in Children and Agrichemical Water Contamination Data in the Midwest. Centers for Disease Control and Prevention.

The goal of this project was to enhance the methodology for linkage of health data and water contaminant data in order to explore potential associations between childhood health outcomes and exposure to atrazine and nitrate in drinking water.

2011/07/01-2013/06/30 Stayner (PI)
Centers for Disease Control and Prevention (200-2010-37442-00005)
Role: Co-Investigator

Cancer mortality within a large US coal miner cohort; a 35 year follow-up

The goal of this project was to assess cancer-related mortality and risk factors in a large cohort of underground US coal miners followed for an average of 37 years.

NIOSH ERC Education and Research Center–UIC 2009/10/01-2010/09/30 (\$17,960)
Role: Principal Investigator [Pilot Project Award]

PENDING

Do volunteer firefighters implement cancer prevention guidelines? Understanding and filling the gaps

This project will seek to understand and address why volunteer firefighters do not routinely implement evidence-based cancer prevention practices. It will assess volunteer firefighters' knowledge, practice, and barriers to implementing the recommendations using individual- and department-level surveys. It will work with stakeholders to develop a digital tool kit of cancer prevention resources targeted at volunteer fire departments and conduct a pilot intervention trial to assess tool kit adoption and impact.

FEMA FY 2021 FP&S Program 2022/09 - 2025/08 \$1,569,420

Role: Principal Investigator

PUBLICATIONS

Demers PA, DeMarini DM, Fent KW, Glass DC, Hansen J, Adetona O, Andersen MHG, Freeman LEB, Caban-Martinez AJ, Daniels RD, Driscoll TR, Goodrich JM, **Graber JM**, Kirkham TL, Kjaerheim K, Kriebel D, Long AS, Main LC, Oliveira M, Peters S, Teras LR, Watkins ER; Burgess JL, Stec AS, White PA, DeBono NL, Benbrahim-Tallaa L, de Conti A, El Ghissassi F, Grosse Y, Leslie T Stayner LT, Suonio E, Viegas S, Wedekind R, Boucheron P, Hosseini B, Kim J, Zahed H, Mattock H, Madia F, Schubauer-Berigan MK. Carcinogenicity of occupational exposure as a firefighter. *Lancet Oncol* (online) 2022. June 30, 2022

Burgess JL, Fisher JM, Nematollahig A, Jungh AM, Calkins MM, **Graber JM**, Grant C, Beitel S, Littau S, Gulotta J, Wallentine D, Hughes J, Popp C, Calafat AM, Botelho JC, Coleman AD, Schaefer-Solle N, Louzado-Feliciano P, Oduwole SO, Caban-Martinez AJ. Serum Per- and Polyfluoroalkyl Substances in Four Municipal US Fire Departments Short title: Serum PFAS in Four Fire Departments. *Am J Ind Med.* 2022 Jul 21. doi: 10.1002/ajim.23413

Black TM, Brown L, Fent KW, Siegel MR, Horn GP, Jahnke SA, Kubiel BS, **Graber JM**. Exploring variation in knowledge and practice of post-fire suppression contamination control procedures among New Jersey volunteer fire departments: a qualitative study. *Int Fire Serv. J Leadersh Manag.* [in press]

Goodrich JM, Calkins MM, Caban-Martinez AJ, Stueckle T, Grante C, Calafat AM, Nematollahig A, Jungh AM, **Graber JM**, Jenkins T, Slitt AL, Dewald A, Beitel S, Littau S, Gulotta J, Wallentine D, Hughes J, Popp C,

Burgess JL. Associations between Per- and Polyfluoroalkyl Substances (PFAS) Exposures, Epigenetic Age, and DNA Methylation in Firefighters. *Environ Health Perspect.* [in press]

Graber JM, Black TM, Shah NN, Caban-Martinez AJ, Lu S, Brancard TE, Ho CH, Turyk MB, Burgess JL, Black KG, Steinberg MB, Black K, Steinberg MB, Fan Z, Burgess JL. Prevalence and predictors of per- and polyfluoroalkyl sub-stances (PFAS) serum levels among members of a suburban US volunteer fire department. *Int. J. Environ. Res. Public Health.* 2021 ;18(7):3730. doi: 10.3390/ijerph18073730.

Caban-Martinez AJ, Silvera CA, Santiago KS, Louzado-Feliciano P, Burgess JL, Smith DL, Jahnke S, Horn GP, **Graber JM**. COVID-19 Vaccine Acceptability among U.S. Firefighters and Emergency Medical Services Workers: A Cross-Sectional Study. *J Occup Environ Med.* 2021;63(5):369-373. doi: 10.1097/JOM.0000000000002152.

Karasick A, Udasin IG, Gusmano M, **Graber JM**. Health care access and utilization among the World Trade Center General Responder Cohort. *J Occup Environ Med.* 2021 ;63(2):166-171. doi: 10.1097/JOM.0000000000002110.

Maloney SR, Udasin IG, Black TM, Steinberg MB, Shah NN, Pratt ME, **Graber JM**. Perceived Health Risks among Firefighters; The New Jersey Firefighter Health Survey. *J Occup Environ Med.* 2021; 63(4):317-321, 2021. doi: 10.1097/JOM.0000000000002125

Kadiwar P, Shah NN, Black TM, Steinberg MB, Jahnke SA, Caban-Martinez A, Black KG, **Graber JM**. Dietary Intake in Toms River Volunteer Firefighters; Comparison with U.S. Recommended Dietary Intake. *J Occup Environ Med.* 2021 Feb 1;63(2):147-150. doi: 10.1097/JOM.0000000000002102.

Bover Manderski MT, Black K, Udasin IG, Black TM, Steinberg MB, Giuliano AR, Luft BJ, Harrison D, Crane MA, Moline J, Passannante MR, Ohman Strickland P, Dasaro CR, Lucchini RG, Todd AC, **Graber JM**. Retrospective Assessment of Risk Factors for Head and Neck Cancer Among World Trade Center General Responders. *Front Public Health.* 2020;8:488057. doi: 10.3389/fpubh.2020.488057. PMID: 33330296

Casseus M, **Graber JM**, West B, Wackowski O. Tobacco use disparities and disability among US college students. *J Am Coll Health.* 2020 Nov 5:1-6. doi: 10.1080/07448481.2020.1842425. PMID: 33151844

Manderski MTB, Black K, Udasin IG, Giuliano AR, Steinberg MB, Stricklans PO, Black T, Dasaro CR, Crane MA, Harrison DJ, Moline JM, Luft B, Lucchini RG, Passannante MR, Todd AC, **Graber JM**. Risk Factors for Head and Neck Cancer in the World Trade Center Health Program General Responder Cohort: Results from a Nested Case-Control Study. *Occup Environ Med.* 2019 Sep 12.

Casseus M, West B, **Graber JM**, Wackowski O, Cooney JM, Lee HS. Disparities in illicit drug use and disability status among a nationally representative sample of U.S. college students. *Disabil Health J.* 2021 Jan;14(1):100949. doi: 10.1016/j.dhjo.2020.100949 . PMID: 32620532.

Jones LE, Shah NN, **Graber JM**, Fakeh LM, Gonzalez LN, Koshy K, Uhiara DC, Shendell DG. Injury Surveillance Trends in Career-Technical Education: New Jersey 1999-2018. *Journal of Safety Research.* 2020 Jun; 73; 153-9.

Brackbill RM, **Graber JM**, Robison AW. Long-term health effects of the 9/11 disaster. [Ed] *Int J Environ Res Public Health.* 2019 Sep 7;16(18).

Uhairia D, Shendell DG, Borjan M, **Graber JM**, Koshy K, Lumia M. Reported Injury, Hospitalization, and Injury Fatality Rates among New Jersey Adolescent Workers. *Inj Epidemiol.* 2019 Aug 19; 6:37

Graber JM, Harris G, Black K, Lucchini RG, Dasaro CR, Giuliano AR, Steinberg MB, Moline JM, Crane MA, Harrison DJ, Luft B, Todd AC, Udasin IG. Excess HPV-related head and neck cancer in the World Trade

Center Health Program General Responder cohort. *Int J Cancer*. 2019 Sep 15;145(6):1504-1509.

Graber JM, Alexander C, Laumbach R, Black K, Georgopoulos PG, Marshall E, Shendell DG, Alderson D, Mi Z, Mascari M, Weisel C. Per- and polyfluoroalkyl substances (PFAS) blood levels after contamination of a community water supply and comparison with 2013-14 NHANES. *J Expo Sci Environ Epidemiol*. 2019 Mar;29(2):172-182.

Graber JM, Chuang CT, Ward WL, Black K, Udasin IG. Head and Neck Cancer in World Trade Center Responders: A Case Series. *J Occup Environ Med*. 2018; 60-9: e439–444

Graber JM, Application of the Delphi method to reduce disability and mortality from coal mine dust lung disease in China; a new approach to an old problem. *Occup Environ Med*. 2018 Sep;75(9):615-616.

Wang C, Bischoff E, Eiden AL, Zha C, Cooper R, **Graber JM**. Residents Attitudes and Home Sanitation Predict Presence of German Cockroaches (Blattodea: Ectobiidae) in Apartments for Low-Income Senior Residents. 2019. *J Econ Entomol*. 112(1):284-289

Shendell DG **Graber JM**, Milich LJ, Pratt ME. Assessing acute symptoms among nail technicians related to occupational exposure to common chemicals used in nail salons. *J Occup Environ Med*. 2018 Apr;60(4):343-349

Almberg KS, Turyk ME, Jones RM, Rankin K, Freels S, **Graber JM**, Stayner LT. Arsenic in drinking water and adverse birth outcomes in Ohio. *Environ Res*. 2017; 157: 52-59.

Farnacio Y, Marshall E, Pratt M, **Graber JM**. Are Workplace Psychosocial Factors Associated With Work-Related Injury in the U.S. Workforce: National Health Interview Survey, 2010. *J Occup Environ Med*. 2017. 59(10):e164-e171.

Graber JM, Harris G, Almberg K, Petsonk EL, Rose C, Cohen RA. Increasing severity of pneumoconiosis among younger former US coal miners working exclusively under modern dust-control regulations. *J Occup Environ Med*. 2017; 59 -6: e105-111.

Milich L, Shendell D, **Graber JM**. Safety and Health Risk Perceptions: A Cross-Sectional Study of Nail and Hair Salon Clients? *Journal of Chemical Health and Safety* 2017. 24(6): 7-14

E JY, **Graber JM**, Lu SE, Lin Y, Lu-Yao G, Tan XL. Effect of metformin and statin use on survival in pancreatic cancer patients: a systematic literature review and meta-analysis. *Curr Med Chem*. 2017

E JY, Lu SE, Lin Y, **Graber JM**, Rotter D, Zhang L, Petersen GM, Demissie K, Lu-Yao G, 7(7 ??), Tan XL. Differential and joint effects of metformin and statins on pancreatic cancer survival: a large population-based study. *Cancer Epidemiol Biomarkers Prev*. 2017 Aug;26(8):1225-1232

Graber JM, Wackowski OA Manderski MT, Cohen, RA, Rose CS Delnevo CD. Assessing tobacco use among working adults in the United States - the need to consider poly tobacco use *J Occup Environ Med*. 2017; 159 (5):pe100

Stayner LT, Almberg K, Jones R, **Graber J**, Pedersen M, Turyk M. Atrazine and nitrate in drinking water and the risk of preterm delivery and low birth weight in four Midwestern states. *Environ Res*. 2016. 3;152:294-303.

Graber JM, Delnevo CD, Manderski MT, Wackowski OA, Rose CS, Ahluwalia JS, Cohen RA. Cigarettes, smokeless tobacco and poly-tobacco use in dusty industries. *J Occup Environ Med*. 2016;58(5):477-84.

Graber JM, Worthington KW, Meng Q, Delnevo CD, Cohen RA. Understanding tobacco use among New Jersey workers; a collaborative approach to population access and preliminary survey results. *J Occup*

Environ Med. 2016. 58 (4). e133- 9.

Meng Q, Schwander S, Son Y, Rivas C, Delveno CA, **Graber JM**, Giovenco DP, Bruen U, Mathew R, Robson M. Has the mist been peered through? Revisiting the building blocks of human health risk assessment for electronic cigarette use. *Human and Ecological Risk Assessment*. 2016. 22 (2): 558-579

Graber JM, Stayner LT, Conroy LM, Cohen RA, Attfield MD. Respiratory-related mortality among US coal miners; results after 37 years of follow-up *Occup Environ Med*. 2014 Jan;71(1):30-9.

Almberg KS, Turyk M, Jones RM, Anderson R, **Graber J**, Banda E, Waller LA, Gibson R, Stayner LT. A study of adverse birth outcomes and agricultural land use practices in Missouri. *Environ Res*. 2014; 134:420-6

Graber JM, Stayner L, Cohen RA, Conroy LM. The need for continued investigation of lung cancer risk in coal miners. *Occup Environ Med*. 2014 71(7):523-4

Jones RM, **Graber JM**, Anderson R, Rockne K, Turyk M, Stayner LT. Community drinking water quality monitoring data: utility for public health research and practice. *J Public Health Manag Pract*. 2014 Mar-Apr;20(2):210-9

Kuehnert P, **Graber J**, Stone D. Using a web-based tool to evaluate a collaborative community health needs assessment. *J Public Health Manag Pract*. 2014 Mar-Apr;20(2):175-87

Graber JM, Stayner LT, Attfield MD. Multiple myeloma *J Occup Environ Med*. 2012 Oct;54(10):1183-4; author reply 1184.

Graber JM, Cohen RA, Basanets A, Stayner LT, Kundiev Y, Conroy L, Mukhin VV, Lysenko O, Zvinchuk A, Hryhorczuk D. Prevalence and predictors of respiratory symptoms among Ukrainian coal miners. *Am J Ind Med*. 2012 Dec;55(12):1099-109. doi: 10.1002/ajim.21997

Stayner LT, **Graber JM**. Does exposure to coal dust prevent or cause lung cancer? *Occup Environ Med*. 2011; 68(3):167-8:2011

Graber JM, Smith AE. Results from a state-based surveillance system for carbon monoxide poisoning. *Public Health Rep*. 2007 Mar-Apr;122(2):145-54

Graber JM, Macdonald SC, Kass DE, Smith AE, Anderson HA. Carbon Monoxide: the case for environmental public health surveillance. *Public Health Rep*. 2007;122(2):138-44

Graber JM, Corkum BE, Sonnenfeld N, Kuehnert PL. Underestimation of cardiovascular disease mortality among Maine American Indians: the role of procedural and data errors. *Am J Public Health*. 2005 May;95(5):827-30

Solomon L, Cannon MJ, Reyes M, **Graber JM**, Wetherall NT, Reeves WC. Task Force on HSV Resistance. Epidemiology of recurrent genital herpes simplex virus types 1 and 2. *Sex Transm Infect*. 2003 Dec;79(6):456-9

Graber JM, Corkum BE, Sonnenfeld N, PhD, Kuehnert PL. Underestimation of cardiovascular disease mortality among Maine American Indians: The role of procedural and data errors. Authors reply. *Am J Public Health*. 2005 October 2005 (10) 1674

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Zeitz PS, **Graber JM**, Voorhees RS, Kioski C, Shands LA, Ksiazek TG, Jenison S, Khabbaz RF. Assessment of

occupational risk for Hantavirus infection in Arizona and New Mexico. *J Occup Environ Med* 1997;39:463-7

Graber JM, Bauer S. Hantavirus Pulmonary syndrome -- Virginia, 1993. *MMWR Morb Mortal Wkly Rep* 1994;43: 876-877

Woods TC, **Graber J**, Hershov RC, Khabbaz RF, Kaplan JE, Heneine W: Investigation of HTLV-II proviral load infected individuals. *AIDS and Human Retrovirol* 1995;11(10):1235-1239

Tappero JW, Khan AS, Pinner RW, Wenger JD, **Graber JM**, Armstrong LR, Holman RC, Ksiazek TG, Khabbaz RF. Hantavirus Pulmonary Syndrome, 1993: results from an emergency, telephone- based national surveillance system. *JAMA* 275:398-400

Pinner RW, Tuetsch SM, Simonsen L, Klug LA, **Graber J**, Clarke MJ, Berkelman RL. Trends in infectious disease mortality in the United States. *JAMA* 1996;257:189-193

Khan AS, Khabbaz RF, Armstrong, LR, Holman RC, Bauer S, **Graber JM**, et.al. Hantavirus Pulmonary Syndrome: The First 100 US Cases. *J Infect Dis.* 1996;173:1297-303

Hershov RC, Galai N, Fukuda K, **Graber J**, et. al. The effect of coinfection with Human T- lymphotropic Virus type II on decline of CD4 lymphocytes and disease progression after HIV- seroconversion in injecting drug users. *J Infect Dis.* 1996;174: 309-317

<https://www.ncbi.nlm.nih.gov/myncbi/1HciaCtbQ7mAq/bibliography/public/>

Manuscripts under review or in revision

Manuscripts submitted:

Nwanaji-Enwerema J, Cardenas A, Goodrich JM, Furlong MA, Jungh AM, Collender P, Caban-Martinez AJ, Calkins MM, **Graber JM**, Grant C, Beitel S, Littau S, Urwini D, Gabriel J, Gulotta J, Wallentine D, Burgess JL. Occupational Years of Service and Leukocyte Epigenetic Aging: Relationships in United States Firefighters

Black TM, Horn G, Lubina K, Caban-Martinez A, Solle N, **Graber JM**. Exploring the impact of COVID-19 on volunteer fire department contamination control procedures: a qualitative study. *Target Journal Am J Public Health*

Nematollahig A, Fisher JM, Furlong MA, Beamer PI, M. Goodrich JM, **Graber JM**, Calafat AM, Beitel S, Littau S, Gulotta J, Wallentine D, Burgess JL. Cross-sectional and Longitudinal Serum PFAS Concentrations in a Municipal Fire. *Target Journal: JESEE*

Book and Book Chapter

Brackbill RM, **Graber JM**, Robison A (Eds.) Long-Term Health Effects of the 9/11 Disaster. MDPI. Barcelona. 2019 ISBN 978-3-03921-813-4 (PDF)

Graber JM, Cohen, RC, Miller BR, Stayner LT. "Health outcomes among underground coal miners; a long history of study." in Current Topics in Occupational Health Epidemiology. Venables KM (Ed.) Oxford University Press. 2013

Other reports

Shendell DG, Uhairia D, **Graber JM**. Summary of Analysis of Reported Incidents (Injuries) for the State of New Jersey Fiscal Year, 2017 (7/1/16-6/30/17).

Graber JM. Black KB, Laumbach R, Bush K, Marshall E, Georgopoulos P, Weisel C. Per-fluorochemical compounds in Paulsboro Residents; Study Report. September 13, 2017

Handsfield HH, Stone KM, **Graber JM.** Report of the Genital Herpes Prevention Consultants Meeting, May 5–6, 1998. National Center for HIV, STD and TB Prevention. 1998<https://www.cdc.gov/STD/Herpes/prev1998/herpes1998.pdf>

CONFERENCE PRESENTATIONS AND WORKSHOPS

Hinton K, Lubina KA, Rivera-Núñez Z2, Black TM, Laumbach RJ, Shou-en L, Shah NN, Gennaro ML, Brian KS, Burgess JL, Caban-Martinez AJ, Calkins MM, **Graber JM.** Prevalence and predictors of SARS-CoV-2 seropositivity among volunteer firefighters (October 2020 – August 2021). International Society for Environmental Epidemiology (ISEE). Sep 2022. Athens, Greece

Lubina KA, Hinton K, Rivera-Núñez Z2, Black TM, Laumbach RJ, Shou-en L, Shah NN, Fan Z, Yu CH, Brian KS, Burgess JL, Caban-Martinez AJ, Calkins MM, **Graber JM.** Prevalence and predictors of per- and polyfluoroalkyl substances (PFAS) serum levels among US volunteer firefighters. International Society for Environmental Epidemiology (ISEE). Sep 2022. Athens, Greece

Edwards D, **Graber JM** (workshop chair). Mental Health in the Fire Service. National Firefighter Cancer Symposium. Feb 2022. Miami, FL. Feb 2022

Yang Z, Black K, Ohman-Strickland P, **Graber JM,** Kipen H, Zarbl H, Fang M. Biomarkers of Circadian Disruption of Central and Peripheral Circadian Clocks in Night Shift Nurses in Working Environment. Society of Toxicology Annual Meeting. Mar 2022. San Diego, California. Awarded Occupational & Public Health Specialty Section best abstract award

Shah NN, Black TM, Steinberg MB, Jahnke SA, Black KG, Graber JM. Prevalence and predictors of physical health in New Jersey volunteer firefighters. NIOSH Region II Education and Research Center (ERC) Research Projects & Center Updates Webinar, Dec 2021. (Online oral presentation)

Amarilla PA, Rivera-Nunez Z, Shah NN, Burgess JL, Black T, Caban-Martinez AJ, Calkins MM, Black K, Steinberg MB, **Graber JM.** Per- and polyfluoroalkyl substances (PFAS) and non-fasting total cholesterol serum levels among New Jersey volunteer firefighters. International Society for Environmental Epidemiology (ISEE). Aug 2021. NYC, NY

Karasick A, Udasin IG, Gusmano M, **Graber JM.** Health care access and utilization among the Word Trade Center General Responder Cohort. NIOSH Region II Education and Research Center (ERC) Research Projects & Center Updates Webinar, Nov 2020. (Online oral presentation)

Harris G, Lenahan P, Weik M, Black TM, Black KG, Gochfeld M, Stroup A, **Graber JM.** Selection and analysis issues associated with linking pension data to cancer registries for the estimation of cancer incidence in firefighters. North American Association of Central Cancer Registries. July 2020. (Online oral presentation)

Mackie T, Wackowski O, Davis S, Liang L, Perry N. Halkitis, **Graber JM.** A Stakeholder-engaged and Multi-method Approach to Addressing CEPH Re-accreditation Requirements. American Public Health Association. Nov2018 in San Diego, CA

Black K, Martin C, Thomas M, Todd A, Stroup AM, Paddock L, **Graber JM.** Protecting the confidentiality of health data from multiple sources; a brokered honest approach. American Public Health Association, Nov2018 San Diego, CA

Graber JM, Alexander C, Laumbach R, Mi Z, Black K, Georgopoulos P, Weisel C. Perfluoroalkyl substances (PFAS) blood levels and health outcomes in residents following contamination of the community cater supply in Paulsboro, New Jersey. International Society for Environmental Epidemiology (ISEE) annual meeting Aug 2018. Ottawa Canada

Graber JM, Harris G, Almborg K, Petsonk EL, Rose C, Cohen RA. Increased severity of radiologic pneumoconiosis among former US coal miners; Federal Black Lung Program data 2001 to 2013. (oral presentation) International Epidemiology in Occupational Health (EPICOH) Conference, Sept 2016. Barcelona, Spain

Volk L, Harris G, Almborg K, MPH, Cohen RA, **Graber JM** (presenting author). Noise and Injury in US Coal Miners (oral presentation). International Epidemiology in Occupational Health (EPICOH) Conference, Sept 2016. Barcelona, Spain

Castillo Y, Boyd R, **Graber JM**. Perceptions of cervical cancer risk among tobacco users seeking annual gynecological screenings in a diverse urban clinic. American Public Health Association, Nov 2016. Denver, CO

Ward C, Graber JM, Black K, Harris G, German S, Udasin I; Are World Trade Center Responders at Increased Risk of Head and Neck Cancer? The 2017 Annual Retreat on Cancer Research in New Jersey. May 2016. New Brunswick NJ

Farnacio Y, Marshall E, Pratt M, **Graber JM**. Are Workplace Psychosocial Factors Associated with Work-Related Injury in the U.S. Workforce: National Health Interview Survey, 2010. American Occupational Health Conference. April 2016. Chicago IL

Zhang L, Gezmu T, **Graber JM**. Examining the burden of kidney stones on hospital admissions in New Jersey. International Society for Pharmacoepidemiology. April 2016. Baltimore, MD

Stayner LT, Almborg KS, Jones RM, **Graber JM**, Anderson R, Banda E, Turyk M. Exposure to the herbicide atrazine and the risk of adverse birth outcomes in the midwestern United States. International Symposium on Agriculture & Environmental Health, May 2015. Rehovot, Israel

Cohen RA, **Graber JM**. (Workshop conveners and co-chairs) Current topics and methods in surveillance of disease in mining populations. 24th International Epidemiology in Occupational Health (EPICOH), June 2014. Chicago, IL

Graber JM. Epidemiology of miners' health: what we can learn from secondary data? 24th International (Workshop presentation) Epidemiology in Occupational Health (EPICOH), June 2014. Chicago, IL

Graber JM, Cohen RA, Basanets A, Kundiev Y, Mukhin VV, Lysenko O, Zvinchuk A, Hryhorczuk D. Prevalence and predictors of rib fractures among active and former Ukrainian coal miners. 24th Scientific Committee on Epidemiology in Occupational Health (EPICOH), June 2014 Chicago, IL,

Cohen RA. **Graber JM**, Basanets A, Kundiev Y, Mukhin V, Lysenko V, Zvinchuk A, Hryhorczuk D. Prevalence Of radiologic pneumoconiosis in current and former underground Ukrainian coal miners. American Thoracic Society (ATS) Conference. May 2014. San Diego, CA.

Graber JM, Attfield MD, Stayner LT. Results from 37 years of mortality experience among US underground coal miners. (Plenary presentation) 2011 annual meeting of the Scientific Committee on Epidemiology in Occupational Health (EPICOH), Sept. 2011. Oxford, UK

Rockne K, **Graber JM**, Almborg KS, Turyk M, Jones RM, Banda E, Stayner LT. Adverse childhood health outcomes and agricultural water contamination in the Midwest. Environmental Public Health Tracking

Workshop, Sept. 2011. Atlanta, GA

Graber JM, Stayner LT, Basanets A, Kundiev Y, Hryhorczuk D, Cohen RA. Do prevalence and predictors of respiratory symptoms among Ukrainian ex-coal miners vary by reason for leaving mining? Scientific Committee on Epidemiology in Occupational Health (EPICOH). Apr. 2010. Taipei, Taiwan

Decker K, Thompson DW, **Graber JM**, Smith AE. Regional differences in unintentional carbon monoxide poisoning in Maine; implications for prevention. Annual Meeting of the Council of State and Territorial Epidemiologists, Jun. 2008. Denver, CO

Graber JM., Macdonald SC. The national workgroup on carbon monoxide surveillance: collaboration for public health practice. Environmental Public Health Tracking Workshop, Apr. 2007. Seattle, WA

Graber JM. The national carbon monoxide surveillance work group. Carbon monoxide as an environmental public health indicator; Progress to Date. (Oral presentation) Environmental Public Health Tracking Workshop, Apr. 2007. Seattle, WA

Graber JM, Paulu C, Smith AE. Building a tracking system for carbon monoxide poisoning; a public/private partnership to link health and environmental data. (Oral presentation) National Environmental Public Health Tracking Conference, Apr. 2005. Atlanta, GA

Graber JM, Smith AE. Making the best of what's there: building a state-based surveillance system for carbon monoxide poisoning. (Oral presentation) Annual Meeting of the Council of State and Territorial Epidemiologists, Jun 2006. Anaheim, Ca,

Kuehnert PL, Keith, AB, **Graber JM**, Storfjell JL. Using BRFSS methodology to evaluate household risk from lack of preparedness for public health emergencies. 113rd American Public Health Association meeting, Dec. 2005. Philadelphia, PA

Graber JM, Polacsek M. BRFSS state-added questions: Missing the big picture. (Oral presentation) 21st Annual Behavioral Risk Factor Surveillance System Conference, Mar. 2004. Scottsdale, AZ

Graber JM, Parsons MA, Askland K. Predictors of cancer screening in Maine women: using BRFSS to understand gaps in early detection. 111th American Public Health Association meeting, Nov. 2003. San Francisco, CA

Reyes M, Graber JM, Reeves WC. Acyclovir-resistant HSV; initial results from a national surveillance system. 35th Annual Meeting of the Infectious Diseases Society of America, Sept. 1997. San Francisco, CA.

Zeitz PS, **Graber JM** (presenting author), Voorhees RS, Kioski C, Shands LA, Ksiazek TG, Jenison S, Khabbaz RF. Assessment of occupational risk for Hantavirus infection in Arizona and New Mexico. International Conference on Antimicrobial Agents and Chemotherapy. Sept. 1995. San Francisco, CA

Submitted

Burgess JL, Fisher JM, Nematollahig A, Jungh AM, Calkins MM, **Graber JM**, Grante C, Beitel SC, Littau S, Gulotta J, Wallentine D, Hughes J, Popp C, Calafat AM, Schaefer-Solle N, Louzado-Feliciano P, Oduwole S, Caban-Martinez AJ. Serum Per-and Polyfluoroalkyl Substances in Four Municipal US Fire Departments. Am J Indust Med. [submitted]

Poster presentations

Caukins MM, Urwin D, Beitel S, Toennis , Hughes J, Gabriel J, Burgess JB, Caban-Martinez AJ, **Graber JM**, Grant C, Navarro K. Evaluation of biomarkers of exposure in southern California firefighters responding to wildland urban interface fire incidents. Society of Toxicologists (SoT), San Diego. Mar 2022.

Lubina KA, Black TM, Caban-Martinez AJ, Burgess JB, Calkins MM, Grant C, Jahnke SA, Edwards D, Louzado-Feliciano P, Meyer AJ, Hollerbach BS, Kubiak B, Roy D, Ramage S, Bachenheimer B, Drucker J, **Graber JM**. Challenges and Approaches when Researchers and Volunteer Firefighters Collaborate. National Firefighter Cancer Symposium. Feb 2022. Miami, FL. Feb 2022

Kafkoutsou AL, Yang YP, Zeynaloo E, Deo SK, Schaefer-Solle N, Burgess JL; Calkins MM, **Graber JM**, Kobetz EN, Daunert , Caban-Martinez AJ, Impact of Firefighting Aqueous Film-Forming Foams on Human Kidney Cell Proliferation and Toxicity. American Public Health Association. Denver, CO Oct. 2021

Amarilla PA, Rivera-Nunez Z, Shah NN, Burgess JL, Black TM, Caban-Martinez AJ, Calkins MM, Black K, Steinberg MB, **Graber JM**. Perfluoroalkyl substances (PFAS) serum levels and non-fasting total cholesterol levels among New Jersey volunteer firefighters. International Society for Environmental Epidemiology (online forum)

Shah NN, Black TM, Steinberg MB, Jahnke SA, Black KG, **Graber JM**. Prevalence and predictors of physical health in New Jersey volunteer firefighters. American Public Health Association. Oct 2020. (online forum)

Brancard TE, Lu S, Black TM, Burgess JL, Shah NN, Black KG, Steinberg MB, **Graber JM** (presenter). Per- and polyfluoroalkyl substances (PFAS) serum levels in New Jersey volunteer firefighters; Comparison with NHANES. (late breaker virtual poster) International Society for Environmental Epidemiology (ISEE) annual meeting. Aug 2020. (online poster forum)

Shah NN, Black TM, Steinberg MB, Black KG, **Graber JM**. Cancer screening eligibility and uptake in a New Jersey volunteer fire department. American Society for Preventative Oncology. Mar, 2020. (online forum)

Fang M, Black K, Yang, B, Estrella B, Ohman-Strickland PA, **Graber JM**, Kipen H, Zarbl H. Altered SIRT1 activity and plasma cortisol as biomarkers of circadian disruption in night-shift workers. Mar, 2020. Society of Toxicology, (online forum)

Bover Manderski M, Udasin IR, Giuliano AR, Black T Dasaro C, Crane M, Harrison D, Luft B, Moline J, **Graber JM**. Risk Factors for Head and Neck Cancer among World Trade Center Health Program General Responders: Results from a Nested Case-Control Study. International Society for Environmental Epidemiology (ISEE) Annual Meeting Aug 2019. Utrecht, The Netherlands

Marshall E. Black TM, Zavotsky K, Black KG, Pagani C, Fiedler N, Barrett E, **Graber JM**, Evaluating occupational safety and stress concerns within a diverse population of nursing professionals. American Public Health Association Annual Meeting. Nov 2019. Philadelphia, PA

Black TM, Clemmings AS, Black KG, Steinberg MB, Udasin IG, **Graber JM**. Preparing New Jersey to Participate in the National Firefighter Cancer Registry. State of the Science National Firefighter Cancer Symposium. Jun 2019. Miami, FL

Maloney SR, Steinberg MB, Black TM, Udasin IR, Tilton CH, Pratt ME, Graber JM. Perceived Health Risks Among Firefighters; A Survey of the New Jersey Firefighters. American Occupational Health Conference, Apr 1 2019. Anaheim Ca

Black K, Yang Z, Ohman-Strickland PA, **Graber JM**, Kipen H, Zarbl H, Fang M. A Research Study of Biomarker Development for Circadian Disruption in Shift Workers. Rutgers Nurses Research Forum. Nov 2018. New Brunswick, NJ

Black TM, Zavotsky K, **Graber JM**, Black KG, Pagani C, Fiedler N, Barrett E, Marshall E. The Robert Wood Johnson Barnabas Health (RWJBH) Nurses' Health Assessment Survey: Evaluating occupational safety and stress concerns within a diverse population of nursing professionals. New York City Epidemiology Forum, Feb 2019. New York City, NY.

Black TM, Manderski M, Malik P, Black K, Davis C, Giuliano A, Udasin I, Steinberg M, Lucchini R, Moline J, Crane M, Harrison D, Luft B, **Graber JM**. Exploring the Utility of WTC Health Program Monitoring Data for Cancer Risk Factor Analysis: Preliminary Findings for Head and Neck Cancer. International Society for Environmental Epidemiology (ISEE) Annual Meeting Aug 2018. Ottawa Canada

Shendell DG, Uhiara DC, **Graber JM**, Gonzalez K, Fakeh M. Young Worker Reported Injuries in New Jersey for FY 2017 and Time Trends 1999-2017. American Public Health Association, Oct 2018. San Diego, CA

Staller J, Udasin IG, Black TM, Manderski BM, Black KA, Steinberg MB, Ward CL, Moline J, Crane M, Harrison D, Luft B, **Graber JM**. Head and neck cancer in World Trade Center responders: Can symptoms and exposure inform screening practices? American Occupational Health Conference. Apr 2018. New Orleans, LA

Black TM, Manderski M, Malik P, Black K, Davis C, Giuliano A, Udasin I, Steinberg M, Lucchini R, Moline J, Crane M, Harrison D, Luft B, **Graber JM**. Use of World Trade Center Health Program Data to Assess Risk Factors for Head and Neck Cancer; Preliminary findings. American Society for Preventative Oncology. Mar 2018. New York, NY.

Manderski MTB, Black K, Black T, Giuliano AR, Steinberg MB, Udasin IG, **Graber JM**. Promoting recall of general responders' tobacco use patterns before, during, and after the September 11th World Trade Center rescue, recovery, and cleanup efforts. Society for Nicotine and Tobacco Research. Feb 2018. Baltimore, MD

Alexander C, Mi Z, Black K, Georgopoulos P, Laumbach R, Weisel C **Graber JM**. Perfluoroalkyl substances (PFAS) blood levels in residents following contamination of the Community Water Supply; Paulsboro, New Jersey. New York City Epidemiology Forum, Feb 2018. Newark, NJ

Wang C, Bischoff E, **Graber JM**. Determining the Aesthetic Injury Level for German Cockroach Management in Low-Income Apartment Buildings. New York City Epidemiology Forum, Feb 2018. Newark, NJ

Manderski MTB, Black K, Black T, Giuliano AR, Steinberg MB, Udasin IG, **Graber JM**. Developing a tool for reconstructing risk factor behaviors before, during, and after the September 11th World Trade Center rescue and recovery efforts: Lessons learned. American Public Health Association Annual Meeting. Nov 2017. Atlanta, GA

Uhiara DC, **Graber JM**, Shendell DG. Assessing Potential Disparities in Youth Worker Injuries via Online Surveillance in New Jersey Career and Technical Education; New Jersey Safe Schools Program. American Public Health Association Annual Meeting. Nov 2017. Atlanta, GA

Farnacio Y, Marshall E, Pratt M, **Graber JM** (presenting author). Are workplace psychosocial factors associated with work-related injury in the U.S. workforce: National Health Interview Survey, 2010. NIOSH Expanding Research Partnerships: State of the Science. Jun 2017. Denver, CO

Almberg KS, Go LH, Rose CS, Petsonk EL, **Graber JM**, Harris G, Cohen RA. Progression of Radiographic Coal Workers Pneumoconiosis Absent Further Exposure Among Former U.S. Coal Miners Applying for Federal Black Lung Benefits, 2000 – 2013. American Thoracic Society Conference, May 2017. Washington DC.

Kholarov B, **Graber JM**, Pratt M, Ruiz A, Longo, M. Sharps injuries and bloodborne pathogen exposures: an analysis within a large biomedical sciences institution. American Occupational Health Conference. Apr 2017. Denver, CO

Chaudhry AS, Udasin I, **Graber JM**, Lou A, Gochfeld M. Evaluation of a fifteen-year community medical monitoring program. American Occupational Health Conference. Apr 2017. Denver, CO

Milich L, Shendell D, **Graber JM**. Safety and health risk perceptions: a cross-sectional study of nail and hair salon clients? International Society of Indoor Air Quality and Climate, Nov 2016. Ghent Belgium

Mathew R, Shendell D, Pratt M, **Graber JM**. Acute symptoms related with exposure to the common chemicals used by nail technicians. American Public Health Association, Nov 2016. Denver, CO

Cohen RA, **Graber JM**, Harris G, Almberg K, Go LH, Petsonk EL, and Rose C. Spirometry and chest radiographs in US coal miners: analysis of data from the federal black lung program. American Thoracic Society Conference, May 2016. San Francisco, CA

Graber JM, Harris G, Almberg K, Go LH, Petsonk EL, Rose C, Cohen RA, Spirometry and Chest Radiographs in US Coal Miners: Analysis of Data from the Federal Black Lung Program. American Thoracic Society Conference, May 2016. San Francisco, CA

Almberg K, Friedman L, Swedler D, **Graber JM**, Rose C, Petsonk EL, Cohen RA. Completeness of Respiratory Injury and Illness Reporting in the Illinois Mining Industry: Comparing Workers' Compensation Claims to the MSHA Part 50 Program. American Thoracic Society Conference, May 2016. San Francisco, CA

Graber JM, Ward C, Black K, Harris G, Udasin I. Are World Trade Center responders at increased risk of head and neck cancer? International Epidemiology in Occupational Health (EPICOH) Conference, Sept 2016. Barcelona, Spain

Graber JM, Manderski MT, Cohen RA, KS, Rose C, Delnevo CD. Tobacco use patterns among US working-age men: high rates in the mining industry and among the unemployed. American Thoracic Society Conference, May 2015. Denver, CO

Almberg KS, Friedman L, **Graber JM**, Petsonk EL, Rose C, Cohen RA. Cardiopulmonary disease among Illinois miners, results of an analysis of state workers' compensation data. American Thoracic Society May 2015. Conference, Denver, CO

Gottschall EB, Robinson M, Silveira L, Almberg KS, Cohen KA, **Graber JM**, Rose C. Occupational lung disease in Navajo and non-Navajo western miners. American Thoracic Society Conference, May 2015. Denver, CO

Graber JM, Smith AE. A novel approach to increasing occupational exposure in ICD-9 coded data sets: carbon monoxide poisoning and asthma. Environmental Public Health Tracking Workshop, Apr. 2006. Tampa, FL

Graber JM, Smith AE. Tracking asthma-related emergency department visits and ambient air quality in Maine: A PHASE'd approach to building an EPHT module. Vision to Reality: National Environmental Public Health Tracking Workshop, Sep 2005. Atlanta, GA,

Paulu C, Smith AE, **Graber JM**. Linking asthma-related ED visits to ambient air monitoring data for Environmental Public Health Tracking in Maine. National Environmental Public Health Workshop, Oct. 2004 San Francisco, CA

Graber J, Hershow R, Trowbridge J, Penley K., Cavanagh M, Judson F, Doll L. HIV-testing and counseling: risk reduction and self-disclosure of HIV-status in asymptomatic gay men: 1988- 1991. International Conference on AIDS, Jul 1992. Amsterdam, The Netherlands

INVITED SEMINARS/TALKS (Selected)

07/2022. Science to the Station: A Health and Wellness Alliance- *Nerdtalk* series. International Agency on (IARC) report on cancer and firefighting!

04/2022. University of New Jersey Medical School Preventive Medicine Residency Grand Rounds. *Talk title*: The New Jersey Firefighters Cancer Assessment and Prevention Study (CAPS); an epidemiological study of firefighters' cancer risk. (virtual)

07/2021 New Jersey Department of Health Biomonitoring Commission. *Talk title*: Biomonitoring and collaboration in an epidemiological study of firefighters' cancer risk. Trenton, NJ (virtual)

07/2021. Rutgers RWJ Medical School Clinical Research and Occupational Medicine Grand Rounds. *Talk title*: How to approach an occupational research project; Notes from the field. Piscataway, NJ (virtual)

06/2021 National Firefighter Cancer Symposium (NFCS) *Talk title*: Collaborations with volunteer fire departments – notes from the field. (virtual)

05/2021 CDC NIOSH NORA Public Safety Sector Council Meeting; State of Research and Practice for Per- and Polyfluoroalkyl Substances (PFAS). *Talk title*: Prevalence and predictors of PFAS serum levels among New Jersey volunteer firefighters. (virtual)

12/2020 University of Kerala in Trivandrum, Kerala, India. *Talk title*: Lessons and results for launching an occupational cohort: The Firefighters Cancer Assessment and Prevention Study (CAPS). (virtual)

11/2020. NY-NJ NIOSH Education and Research Center (NY-NJ ERC). *Talk title*: Occupational Hazards among Volunteer Firefighters; New Jersey Firefighters Cancer Assessment and Prevention Study (CAPS). New Brunswick NJ (virtual)

07/2020. Cancer Institute of New Jersey, Cancer Prevention and Control Program. *Talk title*: New Jersey Firefighters Cancer Assessment and Prevention Study (CAPS). New Brunswick NJ (virtual)

06/2019. NIOSH World Trade Center Health Program 2018 Research Principal Investigator Meeting. *Talk title*: Risk Factors for Head and Neck Cancer in the World Trade Center Health Program General Responder Cohort: Results from a Nested Case-Control Study. New York. NY

04/2019. 16th Annual meeting of the International Head and Neck Cancer Consortium (INHANCE). Head and neck cancer among World Trade Center responders". New York. NY

06/2018. NIOSH World Trade Center Health Program 2018 Research Principal Investigator Meeting. Panel Discussant. *Talk title*: How WTC Researchers use Monitoring Data and WAVE Survey Data to Support Physical Health Research. New York. NY

05/2018. Loyola University, Chicago, IL. Public Health Sciences Seminar Series. *Talk title*: Are World Trade Center Responders at Increased Risk of Head and Neck Cancer?

06/2017. NIEHS Community Education and Outreach Committee Scientific Advisory Board meeting. *Talk title:* A Cross Sectional Study of PFC Exposure in Paulsboro Residents. New Brunswick NJ

04/2017. Rutgers Environmental Justice and the Future of Environmental Health Research conference. *Talk title:* Studying PFC Exposures in Community: An On-going Case Study in Southern, NJ

10/2016. CDC World Trade Center Health Program Research's Meeting. *Talk title:* Head and Neck Cancer in The World Trade Center Health Program Cohort; Elucidating Risk Factors to Reduce Incidence and Morbidity. New York. NY

04/2015. Rutgers RWJ Medical School Clinical Research and Occupational Medicine Grand Rounds. *Talk title:* Use of US Population-based Surveys in Environmental and Occupational Health Research. Piscataway, NJ

10/2013. Environmental and Occupational Health Sciences Institute Grand Rounds. *Talk title:* Coal Mine Dust Lung Disease Old and New Risks.

09/2013. Rutgers RWJ Medical School Clinical Research and Occupational Medicine Grand Rounds. *Talk title:* Prevalence and Predictors of Respiratory Symptoms Among Current and Former Ukrainian Coal Miners; an Exploration of the Healthy Worker Effect. Piscataway, NJ

04/2012. University of Illinois at Chicago School of Public Health, Division of Epidemiology: Annual Haenszel Award Lecture. *Talk title:* Morbidity and Morbidity among Underground Coal Miners. Chicago IL

PROFESSIONAL ACTIVITIES (SINCE 2007)

International Service

2022 International Agency for Research on Cancer (IARC), World Health Organization IARC Monographs Volume 132 Occupational Exposure as a Firefighter, Working Group member. Lyon France (Epidemiology and Meta analysis subgroups)

National Service - Expert Review Panels

2022 Chairperson, External Expert Panel, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. RFA-OH-22-002. NIOSH Centers for Agricultural Safety and Health Center (U54)

2022 Scientific Panel Review member: Federal Emergency Management Administration (FEMA) FEMA. Assistance to Firefighters Grants, Fire Prevention and Safety (FP&S), Research and Development program.

2021 Fire Fighter Lung Cancer Screening Advisory Panel member. Lung Ambition Alliance AstraZeneca Oncology, AstraZeneca Inc.

2021 External Expert Panel member, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. PAR-20-297: NIOSH Centers of Excellence for Total Worker Health® (U19)

2021 Chairperson, External Expert Panel, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. PAR-20-312: State Occupational Safety and Health Surveillance Program (U60)

- 2020 External Expert Panel member, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. RFA-OH-20-007: Prevention of Childhood Agricultural Injury Center (U54)
- 2018 Chairperson, External Expert Panel, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. RFA-OH-19-001: National Center for Construction Safety and Health Research and Translation. (U54)
- 2016–2018 External Expert Panel member, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. PAR-15-353: Centers for Agricultural Safety and Health. (U54)
- 2016 External Protocol Reviewer, CDC National Institutes of Occupational Health and Safety, Respiratory Health Division
- 2016 Cancer Institute of New Jersey, Cancer Prevention and Control Program Pilot Award review panel member, mechanism grant review panel. December 2015

National Service - other

- 2022 Nominated: National Institute for Occupational Safety and Health (NIOSH) Board of Scientific Counselors; co-chair National Firefighter Registry Subcommittee (NFRS)
- 2022 External reviewer: Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, National Firefighter Registry. Pre-submission manuscript review
- 2021 External reviewer: Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. Pre-submission manuscript review
- 2021 Guest co-Editor, International Journal of Environmental Research and Public Health, Special Issue "Measurement and Evaluation of Occupational and Behavioral Exposures"
- 2018 Guest Editor, International Journal of Environmental Research and Public Health, Special Issue "Long-Term Health Effects of the 9/11 Disaster"
- 2018-2019 Abstract reviewer, American Association of Public Health annual meeting- Occupational Health Section
- 2017 – 2018 Association of Schools and Programs of Public Health (ASPPH), Certification in Public Health study guide committee

New Jersey Service

- 2015 – present Committee member: New Jersey Department of Health Biomonitoring Commission
- 2017 – 2020 NJ Environmental Public Health Tracking's 2018 Technical Advisory Board
- 2020 – 2022 New Jersey Behavioral Risk Factor Survey Advisory Committee

Rutgers Service

2014	Rutgers Biomedical Health Sciences Strategic Planning Public Health sub-committee
2016– 2017	Committee member: Rutgers SPH Doctoral Committee
2017– 2018	Committee member: Rutgers SPH Ad Hoc Committee for CEPH Curriculum Changes
2017 - 2020	Rutgers SPH Ad Hoc Search Committee
2017– 2020	Rutgers SPH Ombudsperson
2017– 2018	Rutgers Biomedical Health Sciences (RBHS) Faculty Council RBHS Faculty Council,
2017– 2020	Rutgers University Senate
2018– 2019	Search Committee Chair, Rutgers School of Public Health, Department of
2018– 2019	Search Committee Member, Department of Urban-Global Public Health, Rutgers
2019	Rutgers School of Public Health ad hoc Mentoring committee
2018– 2021	Search Committee Chair, Rutgers School of Public Health, Department of Biostatistics and Epidemiology, educator-track faculty
2018– 2019	2018– present: Search Committee Member, Rutgers School of Public Health,
2019	Rutgers School of Public Health Doctoral Committee member
2020	Pharmacoepidemiology Curriculum Subcommittee Committee Member Rutgers School of Public Health, Department of Biostatistics and Epidemiology
2020– 2021	The New Jersey Alliance for Clinical and Translational Science (NJ ACTS), Intramura
2020	RBHS strategic planning: Population Health subcommittee
2020– present	Chairperson, Rutgers School of Public Health, Department of Biostatistics and
2020– present	Chairperson, Epidemiology qualifying examination committee
2020– present	Chair, Rutgers School of Public Health, Department of Biostatistics and Epidemiology, How-do-We-Teach-it ad hoc committee
2021	Search Committee Member Rutgers School of Public Health, Department of

TEACHING

Area of Specialization in Teaching

Epidemiology principals and methods; Environmental and Occupational Epidemiology; Cancer Epidemiology, Public health data systems and data; Quantitative research methods

Graduate-level courses - Rutgers School of Public Health (SPH)

Cancer Epidemiology (EPID 601): Summer 2022

Advanced Methods in Epidemiology (EPID 753): Spring 2020; Spring 2021

Critical Review of Epidemiologic Literature (EPID 700): Spring 2020, Fall 2020; Spring 2021
 Intermediate Methods in Epidemiology (EPID 656): Spring 2015, 2016, 2017, 2018; Summer 2018, Fall 2018, Spring 2019
 Principles and Methods of Epidemiology (PHCO 502): Fall 2016 Teaching assistant - University of Illinois at Chicago,
 Introduction to Epidemiology: Principles and Methods
 Intermediate Epidemiologic Methods
 Advanced Quantitative Methods in Epidemiology
 Undergraduate-level public health courses - University of Illinois at Chicago, SPH
 Public Health and the Study of Disease and Epidemics; Spring 2012, 2 sections: Undergraduate Honors College and Undergraduate College

Selected Annual Invited Lectures (since 2007):

Spring 2022	Rutgers School of Public Health. Cancer Epidemiology. "Occupational Cancer Epidemiology; An Introduction and Research Example"
Spring 2017 to 2022	Rutgers School of Public Health. Environmental and Occupational Epidemiology. "Occupational Cohorts; Studying Cancer Risk in WTC Exposed Populations"
Fall 2020 & Spring 2021	Rutgers School of Public Health. Introduction to Environmental "Health Introduction to Environmental Epidemiology"
Spring 2020;	Rutgers School of Public Health, Public Health Essentials- Redesigned and recorded (at the Rutgers Project Studio) two modules for this online course: 'Global burden of disease' and 'Trends in Mortality and Risk Factors for Mortality in the US'
2015 to 2019	Rutgers University Department of Environmental Sciences. "Introduction to Environmental Epidemiology"
2015 to 2018	Rutgers RWJ Medical School; Evidence Based Medicine "Cause and Causal Associations"
2015 to 2017	Rutgers School of Public Health. Environmental and Occupational Epidemiology. "Occupational Lung Diseases; Considerations for Epidemiologic Studies"
2015 to 2017	Rutgers School of Public Health. Environmental and Occupational Epidemiology. "Occupational Lung Diseases; Considerations for Epidemiologic Studies"
2017	Rutgers University Department of Neurology "Introduction to Environmental Epidemiology"
2014 to 2016	Rutgers RWJ Medical School; Evidence Based Medicine "Truth, Chance, Bias, or Confounding" (small group)
2013 to 2014	Rutgers RWJ Medical School; Evidence Based Medicine "Workplace Interventions for Treatment of Occupational Asthma" (small group)
2010 to 2012	Northern Illinois University; School of Nursing; "Introduction to Quantitative Data Analysis"

- 2010 to 2012 University of Illinois at Chicago School of Public Health; Occupational Epidemiology
“Public Health Surveillance of Occupational Conditions”
- 2009 University of Illinois at Chicago School of Public Health; Environmental and
Occupational Epidemiology “Building a Surveillance System for Carbon Monoxide
Poisoning; Feasibility to Implementation”
- 2008 University of Illinois at Chicago School of Public Health; Principles of Epidemiology
“Public Health Surveillance; Information for Action”

ADVISING AND MENTORSHIP

Faculty Mentoring

- 2021 - present Faculty mentor committee member, Julie Caruth, MD, MPH, FAFP. Director
of Employee Health Services, Rutgers-RBHS Employee Health
- 2022 Chair, faculty mentor committee. Michelle Bover Manderski, PhD, MPH,
Instructor, Department of Biostatistics and Epidemiology

Doctoral Trainees – Rutgers School of Public Health

- 2017 - present Ashwini Arunachalam, MPH. PhD candidate. Department of Biostatistics
Epidemiology
- 2019 - present Nimit Shah, MPH. PhD student. Department of Biostatistics and Epidemiology
- 2018 - 2019 Myriam Casseus, MPH, MA, CHES. Department of Health Education and
Behavioral Sciences. Title: “Substance Use Behaviors Among College Students
with Disabilities; A Mixed Methods Study”
- 2016 - 2019 Michelle B. Manderski, MPH PhD candidate. Department of Biostatistics and
Epidemiology
Title “Head and Neck Cancer among World Trade Center General Responders:
The Effects of Occupational, Environmental, and Behavioral Exposures”
(Committee Chair)

Doctoral Examination Committees – Rutgers School of Public Health

<u>Exam date</u>	<u>Student name and Concentration</u>
Jun 2022	Weiyi Xia, PhD Student, Biostatistics
Oct. 2020	Wenxuan Xiong, PhD Student, Biostatistics
Mar. 2021	Jie Lie, PhD Student, Epidemiology
Mar. 2021	John S. Palatucci, MPA, PhD Student, Health Economics & Public Policy
Mar. 2021	Grace Ibitamuno, MD, MPH, PhD Student, Health Economics & Public Policy
Oct. 2021	Molly Nowels, MPH, PhD Student, Health Economics & Public Policy

Rutgers School of Public Health, Department of Epidemiology

Master of Public Health Trainees

Steven Bagley. Associations between race/ethnicity and socioeconomic status (SES) with PFAS serum levels. (2021-present)

Sydney Lomaga Carey(2021-present)

Madeline DePrimo, CTTS(2021-present)

Alexander Goralczuk(2021-present)

Kayana Green, MPH-MBS. Prevalence and Risk Factor for Smokeless Tobacco Use; in Volunteer US Firefighter. (in progress) (2021-present)

Shivani Patel.HPV vaccination and cervical cancer screening among adult US women age 18; 2019 NHIS. (in progress) (2021-present)

Hiral Patel. Breast cancer screening and cervical cancer screening among women with diabetes. (in progress)

Jessica Retuerto, MPH. Per- and Polyfluoroalkyl Substances (PFAS) Dust Levels in a Large Suburban New Jersey Volunteer Fire Department Graduated May 2022

Boqi (Blake) Xiang,. Examining the association between Perfluoronoanoic acid (PFNA) exposure and current asthma prevalence outcomes in adults: NHANES (2017-2018). Graduated May 2022

Nicholas Millet, MPH. Is Perfluorodecanoic Acid (PFDeA) associate with Body Mass Index among Volunteer Firefighters? Graduated May 2022

Justin Faybusovich, MPH. Climate Effects on West Nile Virus in Mosquitoes and Humans – New Jersey 2010-2019 Graduated May 2022

Kaleigh Hinton, MPH. Prevalence and Predictors Of Sars-Cov-2 Seropositivity among Volunteer Firefighters (October 2020 – August 2021). Graduated May 2022

Jacqueline Luthcke, Sussex County COVID-19 related death cases, March 2020-2022: Pre-existing Medical Conditions and Vaccination status compared to living cases . MPH in progress

Lauren Brown, MPH. Topic: Prevalence and predictors of tobacco and alcohol use among volunteer firefighters. Graduated May 2021

Samantha Metlitz, MPH. Topic: Mental health conditions and mental health services referrals among world trade center law enforcement responders. Graduated May 2021

Kripa Patel, MPH. Topic: Ethnic disparities in the prevalence and predictors non-alcoholic fatty liver disease; NHANES III. Graduated May 2021

Patricia Amarilla, Topic: Per- and polyfluoroalkyl substances (PFAS) and non-fasting total cholesterol serum levels among New Jersey volunteer firefighters. Graduated May 2021

Tatyana Desire-Brisard. MPH, Topic: Is neighborhood walkability associated with asthma prevalence in New Jersey adult residents? Graduated May 2021

Deryan Coba MPH. Topic: Relationship between individual self-reported health, physical activity, perceived and observed environmental supports for walking in New Jersey, and chronic pain. Graduated May 2021

Rupal Nayi, MPH. Topic: The Association between PFNA and Cognitive Function in U.S. Adults over age 60, NHANES 2011-2014. Graduated May 2020

Troy Brancard, MPH. Topic: Per- and polyfluoroalkyl substances (PFAS) serum levels among a group of NJ volunteer firefighters. Graduated May 2020

Payal Kadiwar, Topic: Examining Differences in Dietary Intake in Tom’s River Volunteer Firefighters and U.S. Recommended Intake. Graduated May. 2020

Mundi, Maninder, MPH. Health Education Advocacy and Law Collaborative Quantitative Assessment: Assessing Participant Perspective on Interdisciplinary Education and Readiness for Interprofessional Learning. Graduated May 2020

Densie Mulbah, MPH. Topic: The Association between Substance Use Disorder among YMSM with ADHD. Graduated May 2020

Michael Scott, MD, MPH. Topic: The Value of Trauma Surgery Triage in Isolated Orthopedic Injuries. Graduated Dec 2019

Madeline Dec. Topic: Adolescent Obesity and Tobacco Use; Youth Behavioral Risk Factor Survey

Courtney Tilson MPH. Topic: Perceived health risks among New Jersey firefighters; a pilot survey. Graduated May. 2020

Michelle Malinowski, MPH. Topic: Evaluation of a Statewide Initiative to Promote Trauma-Informed Care: Outcomes in Relation to Restraint and Seclusion Utilization. Graduated Aug. 2019

Jennifer H. Desai. Topic: The Association Between Workplace Stress and Substance Use Amongst Nurses at Robert Wood Johnson Barnabas Health – New Brunswick, New Jersey. Graduated May 2019

Thomas, Zachariah, PharmD, BCPS. Topic: Impact of an Anticipated Discharge Needs Orderset on Hospital Length of Stay. Graduated May 2019

Mohammad Faisal, MPH. Topic: Surveillance of opioid overdoses from emergency departments (ED) data in New Jersey. Graduated Aug. 2018

Daniel Uhiara, MPH. Topic: Association of Workplace Psychosocial Factors with Work-Related Injury in the US Workforce, National Health Interview Survey, 2015. Graduated Aug. 2018

Prerna Malik, MBBS, MPH. Topic: Assessing the Association between WTC Exposure and Tobacco Use with Head and Neck Cancer Incidence. Graduated May 2018

Michael Mascari, MPH. Topic: A cross-sectional study of PFAS contamination and self-reported health outcomes in Paulsboro NJ. Graduated May 2018

Andrew Rava, MPH. Topic: Correlates of healthcare-seeking behavior during relapse among patients with multiple sclerosis. Graduated May 2018

Christina Samuel, MPH. Topic: Associations between occupational stress and primary work department, work shift and demographic characteristics among nurses. Graduated May 2018

Darsheen Sheth, MBBS, MPH. Topic: Associations of known predictors with improvement in anthropometric and metabolic factors in pediatric obesity. Graduated May 2018

Evan Bischoff MPH. Topic: Determining the aesthetic injury level for German cockroach management in low-income apartment buildings. Graduated May 2018

Taylor Black, MPH. Topic: Assessing the Association between WTC Exposure and Alcohol Consumption with Head and Neck Cancer Incidence. Graduated May 2018

Jianyu E, MPH. Topic: Effect of Metformin and Statin Use on Survival in Pancreatic Cancer Patients: A Systematic Literature Review and Meta-analysis. Graduated May 2017

Cora Alexander, MPH. Topic: Perfluorononanoic Acid (PFNA) Contamination in the Community Water Supply of Paulsboro, New Jersey Graduated May 2017

Tina John, MPH. Topic: Quality of Post-acute care in New Jersey's Skilled Nursing Facilities – Facility level factors for inclusion to a Healthcare Scorecard. Graduated May 2017

Venita Nankoo MPH. Topic: Mentoring Needs Assessment Survey for Rutgers Biomedical and Health

Sciences Faculty. Graduated May 2017

Yessenia Castillo, MPH. Topic: Program: Status: MPH Candidate, Graduated SUM 2016. Fieldwork topic: Biomarker Feedback of Risk of Cervical Cancer in Tobacco Users. Graduated May 2016

Lindsay Milch, MPH. Topic: Safety and Health Risk Perceptions: A Cross-Sectional Study of New Jersey Nail and Hair Salon Clients. Graduated May 2016

Amira Elsayed, MD, MPH. Topic: Impact of duration of residence on preterm birth and prenatal care experience among immigrant black women in Newark, NJ. Graduated May 2016

Rose Mathew, MPH. Topic: Safety and Health Risk Perceptions: A Cross-Sectional Study of New Jersey Nail and Hair Salon Clients. Graduated May 2016

Hector Maldonado, MPH. Topic: Organochlorine exposure and immune response. Graduated May 2016

Kavitha Vemireddy, BDS, MPH. Topic: The Relationship between Work Organization and All-Cause and Work-related Injuries, National Health Interview Survey, 2010. Status: Graduated May 2015

Ling Zhang, MS, MPH. Topic: Examining the burden of kidney stones in New Jersey emergency department and hospitalization admissions. Graduated May 2015

Epidemiology Methods Certificate Trainees

Brad Kamitak, MD, completed May 2021

Priyanka Patel, Epidemiology Methods Certificate in progress

Kimberly O'Malley, Epidemiology Methods Certificate in progress

Occupational Medicine Resident/Fellows

Maryam Yassa, MD. Topic: COVID-19 symptoms among correctional institution healthcare workers in New Jersey.

Andrew Karasick, MD, MBA, MPH. Topic: An Assessment of Healthcare Access and Utilization in the World Trade Center Health Monitoring Program.

Sean Maloney, MD, MPH. Topic: Perceived health risks among New Jersey firefighters.

Jessica Staller, MD, MPH. Topic: Head and neck cancer in World Trade Center responders: Can symptoms and exposure inform screening practices? Graduated May 2018

Boris Kholdarov, MD, MPH. Topic: Sharps Injuries and Bloodborne Pathogen Exposures: An Analysis of Trends within a Large Biomedical Institution. Graduated May 2017

Yvonne Farnacio, MD, MPH. Topic: Are Workplace Psychosocial Factors Associated with Work-Related Injury in the US Workforce? National Health Interview Survey, 2010. Graduated May 2016

Bachelor of Science Mentees

Josephine Awadalla, EJ Bloustein School of Planning and Public Policy. Topic: "Preparing New Jersey to Participate in the National Firefighter Cancer Registry"

Azanna Clemmings EJ Bloustein School of Planning and Public Policy. Topic: "New Jersey Volunteer Firefighters and the National Firefighter Cancer Registry"

Alexander Wurtz, Grinnell College (summer intern)

Reese Hanley, Lehigh College

Esther Kaufmann, EJ Bloustein School of Planning and Public Policy. Undergraduate internship. Topic:

“Prevalence of Tobacco Use in NJ Dust-Exposed Workers” Graduated May 2015

Dina Risk, Rutgers Department of Biochemistry Undergraduate independent study. Topic: Coal Mining in Columbia. Graduated May 2015

PROFESSIONAL ACTIVITIES (SINCE 2007)

National Service - Expert Review Panels

- 2021 Chairperson, External Expert Panel, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. Occupational Safety and Health Surveillance Program (U60), PAR-20-312
- 2020 External Expert Panel, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. Prevention of Childhood Agricultural Injury Center, RFA-OH 20-007
- 2018 Chairperson, External Expert Panel, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. National Center for Construction Safety and Health Research and Translation. RFA-OH-19-001
- 2016 - 2018 Reviewer, External Expert Panel, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. PAR-15-353: Centers for Agricultural Safety and Health.
- 2016 External Protocol Reviewer, CDC National Institutes of Occupational Health and Safety, Respiratory Health Division
- 2016 Reviewer, Cancer Institute of New Jersey, Cancer Prevention and Control Program Pilot Award Mechanism grant review panel. December 2015

National Service - other

- 2018 Guest Editor, International Journal of Environmental Research and Public Health, Special Issue "Long-Term Health Effects of the 9/11 Disaster"
- 2018-2019 Abstract reviewer, American Association of Public Health annual meeting- Occupational Health Section
- 2017 – 2018 Association of Schools and Programs of Public Health (ASPPH), Certification in Public Health study guide committee

New Jersey Service

- 2015 - present Committee member: New Jersey Department of Health Biomonitoring Commission
- 2017 - present NJ Environmental Public Health Tracking's 2018 Technical Advisory Board
- 2020-present New Jersey Behavioral Risk Factor Survey Advisory Committee

Rutgers Service

- 2020– present COVID-19 Workgroup Structure to Support Recovery Planning, Testing and Contact Tracing subgroup member

2020– present	Center for COVID-19 Response and Pandemic Preparedness (CCRP2), Intramural Funding application reviewer
2020– present	The New Jersey Alliance for Clinical and Translational Science (NJ ACTS), Intramural Funding application reviewer
2020– present	Chair, Rutgers School of Public Health, Department of Biostatistics and Epidemiology, How-do-We-Teach-it ad hoc committee
2020– present	RBHS strategic planning: Population Health subcommittee
2020– present	Chair, Rutgers School of Public Health, Department of Biostatistics and Epidemiology qualifying examination committee Chairperson
2020– present	Ad-hoc reviewer, Rutgers NIEHS Center for Environmental Disease pilot grant
2019	Rutgers School of Public Health Doctoral Committee member
2018– 2019	2018– present: Search Committee Member, Rutgers School of Public Health,
2018– present	Search Committee Chair, Rutgers School of Public Health, Department of Biostatistics and Epidemiology, educator-track faculty
2019	Rutgers School of Public Health ad hoc Mentoring committee
2018– 2019	Search Committee Member, Department of Urban-Global Public Health, Rutgers School of Public Health, Assistant professor, tenure track
2018– 2019	Search Committee Chair, Rutgers School of Public Health, Department of Biostatistics and Epidemiology, tenure-track faculty search committee
2017 - present	Rutgers University Senate
2017- 2018	Rutgers Biomedical Health Sciences (RBHS) Faculty Council RBHS Faculty Council, Academic & Faculty Affairs committee
2017 - present	Rutgers SPH Ombudsperson
2017 - present	Rutgers SPH Ad Hoc Search Committee
2017 - 2018	Committee member: Rutgers SPH Ad Hoc Committee for CEPH Curriculum Changes
2016 - 2017	Committee member: Rutgers SPH Doctoral Committee
2014	Rutgers Biomedical Health Sciences Strategic Planning Public Health sub- committee

Other Professional Activities

2019-2020	Rutgers Academic Leadership Program at RBHS (ALP-RBHS) 2019-2020 cohort member
2015 - present	Rutgers NIEHS Center for Environmental Exposure and Disease (CEED) Community Outreach and Education Core (COEC)
2014	Program participant: COEC “Future Researchers” from New Jersey high schools
2007-2011	Contributing Editor: Public Health Reports - Moderated and coordinated quarterly 'Meet the Author' webcast series
2010	Consultant: Association of the Schools of Public Health. Question preparation for Certificate in Public Health review
June 2007	Co-Convener: National Conference on Carbon Monoxide Surveillance

2005-2007 Co-chair: Environmental Public Health Tracking Program Content Workgroup
Carbon Monoxide Team

2007-2008 Committee member: Environmental Public Health Tracking Program Content
Workgroup Cancer

JOURNAL REVIEWER (Ad-hoc; selected journals)

American College of Epidemiology
American Journal of Industrial Medicine
British Medical Journal-Open Access
International Journal of Environmental Research and Public Health
Journal of Occupational and Environmental Medicine
Journal of Public Health Management and Practice
Occupational and Environmental Medicine
PLOS ONE

PROFESSIONAL ORGANIZATIONS

American College of Epidemiology American Public Health Association
International Society for Environmental Epidemiology

AWARDS AND RECOGNITION

Society of Toxicology, Occupational & Public Health Specialty Section best abstract award: Yang Z, Black K, Ohman-Strickland P, **Graber JM**, Kipen H, Zarbl H, Fang M. Biomarkers of Circadian Disruption of Central and Peripheral Circadian Clocks in Night Shift Nurses in Working Environment. Society of Toxicology Annual Meeting. Mar 2022. San Diego, California.

Journal of Economic Entomology – 2020 Readers' Choice Award: Wang C, Bischoff E, Eiden AL, Zha C, Cooper R, **Graber JM**. Residents Attitudes and Home Sanitation Predict Presence of German Cockroaches in Apartments for Low-Income Senior Residents. 2019. J Econ Entomol. 112(1):284-289

Rutgers School of Public Health, Delta Omega Honor Society; Alpha Eta Chapter (2017) University of Illinois School of Public Health (2012)

Haenszel Award for Excellence in Research, Department of Epidemiology and Biostatistics Delta Omega Honor Society; Alpha Eta (inducted 2010: Lambda Chapter)

PUBLIC HEALTH PRACTICE EXPERIENCE

2007 – 2013: University of Illinois at Chicago – School of Public Health

Research assistantships - Department of Environmental and Occupational Health: CSTE pilot climate change indicators for the state of Illinois

Feasibility assessment for biomonitoring in Illinois for UIC SPH

Pesticide poisonings for the Illinois Poison Control Center Evaluation Project

1999 – 2006 Maine Department of Health and Human Services

Epidemiologist/Project Manager: Environmental Public Health Tracking Program BRFSS Coordinator: Maine Behavioral Risk Factor Surveillance System Epidemiologist: Maine Cancer Registry

1994 –1999 U.S. Centers for Disease Control and Prevention (CDC) Epidemiologist: Division of Quarantine Epidemiologist: Viral Exanthems and Herpesvirus Branch Surveillance Coordinator: Special Pathogens Branch (Hantavirus)

1990 – 1994: University of Illinois at Chicago – School of Public Health

Project Coordinator: Collaborative Investigation of the Natural History of HIV-infection in Intravenous Drug User

Public Health Intern, 1990; Cook County Department of Public Health, Maywood, IL