

**Curriculum Vitae**  
**Andrew G. Rundle**

**Date of Preparation**

Jan 19 2022

**Personal Data:**

Andrew G. Rundle

Mailman School of Public Health

Department of Epidemiology

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ResearcherID

[HTTP://www.researcherid.com/rid/A-5282-2009](http://www.researcherid.com/rid/A-5282-2009)

Birthplace: United Kingdom

U.S. Citizen

**Academic Appointments:**

Jul 2021-Present	Mailman School of Public Health, Department of Epidemiology, New York, NY; Professor of Epidemiology with Tenure.
Jan 2021	Data Science Institute at Columbia University, Member and affiliate of the Health Analytics and Smart City Centers.
Jul 2019-Present	New York Academy of Medicine, New York, NY; Fellow.
Jul 2017-2018	University of Massachusetts Amherst, Department of Epidemiology and Biostatistics, Amherst, MA; Adjunct Associate Professor.
Jul 2015-Present	Mailman School of Public Health, Department of Epidemiology, New York, NY; Co-lead, Social and Spatial Epidemiology Unit.
Jul 2008-June 2021	Mailman School of Public Health, Department of Epidemiology, New York, NY; Associate Professor of Epidemiology with Tenure.
Jul 2000-June 2008	Mailman School of Public Health, Department of Epidemiology, New York, NY; Assistant Professor of Epidemiology.
Jan 2000-June 2000	Mailman School of Public Health, Division of Environmental Health Sciences, New York, NY; Associate Research Scientist.
July 1999-Dec 1999	Mailman School of Public Health, Division of Environmental Health Sciences, New York, NY; Staff Associate.

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Jun 1994-Aug 1996 Columbia University School of Public Health, Division of Environmental Health Sciences, New York, NY; Staff Associate.

**Academic Training:**

Sep 1996-Feb 2000 Mailman School of Public Health, New York, NY.  
Dr.P.H. in Environmental Health Sciences (additionally completed Department of Epidemiology Methods Qualifying Exam).  
Thesis: A Molecular Epidemiologic Case-Control Study of Breast Cancer. Under supervision of Dr. Frederica Perera

Sep 1992-May1994 Columbia University School of Public Health, New York, NY.  
M.P.H in Environmental Sciences

Sep 1987-May 1991 State University of New York at Binghamton, Binghamton, NY.  
B.S. in Biology, Minor in Political Science.

**Training:**

Sep 1998-May 1999 Columbia Fu Foundation School of Engineering, New York, NY.  
Course work in computer Graphics, Visualization and Animation – no degree

**Honors & Awards:**

- 2021 Listed among the top 2% of researchers by citation indicators for career and 2020 calendar year.  
<https://elsevier.digitalcommonsdata.com/datasets/btchxktzyw/3>
- 2020 The Obesity Society, “Top Papers of 2020”. Rundle A, et al., COVID-19 Related School Closings and Risk of Weight Gain Among Children. Obesity. E-pub ahead of print March 2020, in press 2020 Jun;28(6):1008-1009.
- 2019 Elected Fellow, New York Academy of Medicine, New York, NY.
- 2016 Science Unbound Foundation, 2015 Best Paper Award from a New York Obesity Research Center Investigator for “Excessive gestational weight gain is associated with long-term body fat and weight retention at 7 y postpartum in African American and Dominican mothers with underweight, normal, and overweight prepregnancy BMI.”
- 2015 Mailman School of Public Health Dean’s Award for Excellence in Leadership, for co-directing the Mailman School Obesity Prevention Initiative.
- 2014 American Institute of Architects – Design and Health Consortium inaugural member.
- 2012 TEDMED2012 – Robert Wood Johnson Foundation Great Challenges Advocate for “Promoting Active Lifestyles”. Selected by the RWJ Foundation to advocate for Active Lifestyles at the 2012 TEDMED conference Great Challenges Program.
- 2009 Nominated for the Mailman School of Public Health Faculty Mentoring Award.

- 2005 Delivered the inaugural Lucille N. Austin Lecture. Columbia University School of Social Work.
- 2004-2010 National Center on Minority Health and Health Disparities, Health Disparities Scholar.
- 2003 Nominated for Lamont-Doherty Earth Observatory Excellence in Teaching Award
- 2003 Nominated for Mailman School of Public Health Teaching Excellence Award
- 2000 Environmental Health Sciences Award for Academic Excellence, Mailman School of Public Health
- 1998 New Investigator Workshop Award, American Society for Preventive Oncology Annual Meeting
- 1996-1999 National Cancer Institute Pre-Doctoral Fellowship, Columbia School of Public Health
- 1994 Environmental Sciences Award for Academic Excellence, Columbia School of Public Health
- 1992-1994 Graduate Research Assistantship, Columbia School of Public Health, Division of Environmental Sciences
- 1990-1991 Research Grant from the SUNY Research Foundation, State University of New York at Binghamton
- 1990 Phi Beta Kappa

## **Administrative Leadership and Academic Service**

### **Academic Service**

#### COVID-19 Pandemic Response

Worked with Columbia University researchers to generate COVID-19 infection projections, forecast hospital capacity shortages and build community vulnerability measures for the U.S. Led the development of an interactive COVID-19 case projection and risk mapping web site (<https://tinyurl.com/beh-columbia-maps>) and data visualization web site (<https://cuepi.shinyapps.io/COVID-19/>). Built data analysis tools and dash boards to help corporations manage COVID-19 risk among employees and customers and to support business logistics and continuity over the next 2 years. Briefed the staff of Congressman Ron Johnson, Chairman of the U.S. Senate Committee on Homeland Security & Governmental Affairs, and Briefed Congresswoman Anna Eshoo and her staff. Provided data and consultation to U.S. Army Corps of Engineers, U.S. Air Force, Federal Reserve Board, Pfizer, MetLife, Gym Source, Fidelity, Unilever and numerous county and state planning and public health offices. Co-authored several academic papers on COVID-19.

#### Peer Reviewer (Funding agencies)

- 2019 University Research Board at the American University of Beirut, Peer Reviewer.

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- 2017 - 2021 The French National Research Agency. The French Cohort Jury, Member.
- 2016 National Institute of Health, Establishing Behavioral and Social Measures for Causal Pathway Research in Dental, Oral and Craniofacial Health, Study Section, Chair.
- 2016 National Institute of Health, Community Influences on Health and Behavior Study Section, Co-Chair.
- 2015-2016 National Institute of Health, Establishing Behavioral and Social Measures for Causal Pathway Research in Dental, Oral and Craniofacial Health, Study Section, Member.
- 2015 The Ontario Ministry of Labour, Reviewer.
- 2013-2014 Qatar National Research Foundation, Reviewer.
- 2012 Canadian Breast Cancer Foundation, Reviewer.
- 2012 The Executive Agency for Higher Education, Research, Development and Innovation Funding, Romania. Reviewer.
- 2012-2016 National Institute of Health, Community Influences on Health and Behavior Study Section, Member.
- 2009-Present Research Grants Council of Hong Kong, Humanities and Social Science Panel, Standing Review Board Member.
- 2007 The Prostate Cancer Charity, Reviewer.
- 2006-2010 Robert Wood Johnson Active Living Research Program, Reviewer.
- 2005-2008 Italian Association for Cancer Research, Reviewer.

Conference Organizing Committees

- 2022 Urban Transitions 2022, Sitges, Spain. Urban Transitions Conference International Committee.
- 2015 A SMART START: A Symposium on Preventing Childhood Obesity. Mailman School of Public Health.
- 2015 Obesity Prevention Month, Public Health Fights Obesity: A Month on the Science of Nutrition. Mailman School of Public Health
- 2010 Best Practices and New Directions in Neighborhood Research. Columbia University
- 2009 American Society of Preventive Oncology, national conference planning committee

Academic Advisory Panels

- 2018-2020 International Consultant Team for “Climate change and urban health resilience- CCUHRE”, School of Architecture and Design, University of Camerino, Italy

- 2018-2020 Technical Advisor Committee for the Robert Wood Johnson Foundation/ Royal Society for Public Health funded “Health on Main St USA” project, UCLA Fielding School of Public Health, Los Angeles, California.
- 2017-Present Steering Committee for the NIH funded “Detroit Research on Cancer Survivorship (ROCS)”, Karmanos Cancer Center, Detroit Michigan.
- 2014-Present External Advisory Panel for the University of Southern California NIEHS/EPA Children’s Health Center, Los Angeles, California.
- 2013-Present External Advisory Panel for 5P01AI089473-02 “Pets and the infant’s microbiome exposures: impact on childhood allergic asthma”, Henry Ford Health System, Detroit, Michigan.

Governmental & Not For Profit Advisory Panels

- 2021 Center for Active Design Research Advisory, Fitwel Certification Program advisor. Center for Active Design, NYC.
- 2020 NYC Active Design Guidelines V.2, Academic Advisor.
- 2019 Social Cohesion Measurement Forum. New York City Department of Health and Mental Hygiene, Bureau of Epidemiology.
- 2008 National Cancer Institute/American Association for Cancer Research. Think Tank Conference on Energy Balance and Cancer; Mechanisms and Mediators
- 2007-2010 New York City Government. W.K. Kellogg Foundation - New York City Food and Fitness Initiative
- 2006 National Cancer Institute. Workshop on the feasibility of a physical activity, weight control trial to prevent breast cancer: the State of the evidence and possible designs

**Administrative Leadership at Columbia University**

- 2015-Present Executive Committee of the Department of Pediatrics, T32 Training grant in pediatric endocrinology, diabetes and metabolism. NIDDK T32 DK06552211
- 2015-Present Co-Lead, Social and Spatial Epidemiology Unit, Department of Epidemiology, Mailman School of Public Health
- 2014-2019 Co-Director, Columbia Population Research Center, Urban Health Signature Research Area
- 2014-Present Co-Chair, Columbia Population Research Center, Computing, Data and Information Core
- 2013-2015 Co-Director, Mailman School of Public Health Obesity Prevention Initiative.
- 2009-Present Executive Committee of the Columbia Children’s Center for Environmental Health. Mailman School of Public Health.
- 2009-Present Steering Committee of the Columbia Population Research Center.

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- 2006-Present Institute for Social and Economic Research and Policy, Columbia University, New York, NY, affiliated faculty.
- 2004-2016 Robert Wood Johnson Health and Society Fellows Program, Working Group on Physical Activity and Obesity, Columbia University, New York, NY, PI.
- 2003-2016 Robert Wood Johnson Health and Society Scholars Program at Columbia University, New York, NY, affiliated faculty.
- 2003-2004 Robert Wood Johnson Health and Society Scholars Program at Columbia University, New York, NY, Core faculty.
- 2002-Present Herbert Irving Comprehensive Cancer Center, Columbia University, New York, NY, Member

### **Professional Organizations and Service**

#### Professional Organization

- 2020-present Environmental Influences on Child Health (ECHO) Publications Committee. Coordinating committee maintaining and upholding the Publications Policy of the NIH ECHO Program.
- 2017-2018 Interdisciplinary Association for Population Health Science, member of the Communications Committee

#### Peer Reviewer (Journals)

American Journal of Epidemiology, American Journal of Health Promotion, American Journal of Lifestyle Medicine, American Journal of Preventive Medicine, Annals of Epidemiology, Biochemical Pharmacology, BMC Public Health, Cancer Epidemiology Biomarkers & Prevention, Carcinogenesis, Cities, Environmental Health Perspectives, Environment International, Environmental Research, Epidemiology, European Journal of Epidemiology, International Journal of Cancer, International Journal of Health Geographics, Health Affairs, Health and Place, Journal of Applied Physiology, Journal of Occupational and Environmental Medicine, Journal of Urban Health, Journal of Urology, Landscape and Urban Planning, Molecular Carcinogenesis, Obesity, Pediatric Research, Preventive Medicine, Preventive Medicine Reports, PLoS One, Social Science and Medicine and Urban Forestry and Urban Greening.

#### Corporate Advisory Panels

- 2018-Present EHE Health. Scientific Advisory Board member, New York NY.
- 2018-Present EHE Health. Medical Advisory Board member, New York NY.
- 2016-2018 International WELL Building Institute, Subject Matter Experts panel member for Nourishment and Fitness sections of the WELL Building and WELL Community certification programs, New York, NY.
- 2010-2014 Delos Living, Inc. Scientific Advisory Board member, New York, NY.
- 2006-2017 Executive Health Exams, Inc. Medical Advisory Board member, New York, NY.

- 2005-2007 Alliance for Wellness ROI, Inc. Science Advisor for the Alliance, which was comprised of BMW North America, Henry Ford Health System, Kraft Foods Global, Inc., MasterCard Worldwide and Schlumberger.
- 2006-2017 Executive Health Exams, Inc. Life Extension Research Institute, Board Member, New York NY
- Testimony
- 2009 New York City Council, Hearing on Access to Healthy Foods in New York City
- 2009 New York City Planning Commission, Hearings on Food Retail Expansion to Support Health (FRESH) zoning proposals

### **Fellowship and Grant Support:**

#### Active Research Support

- 2022-2023 Co- Principal Investigator, Rundle and Jiang, Columbia University School of Engineering and Applied Sciences' 2022 Urban Tech Awards: Technology Innovations for Better Urban Living RFP. "World Wide Flu and Emerging Disease Vision Surveillance System". Year 1 budget \$85,000
- 2021-2025 Co-Investigator, RF1AG074306, "Greenness, Cognitive Performance and Vascular Outcomes in the NOMAS Study" University of Miami is the primary awardee.
- 2021-2025 Multiple Principal Investigators, Rundle and Keyes, NIH R01MH128734-01, "Temperature, shade, and adolescent psychopathology: understanding how place shapes health".
- 2021-2025 Principal Investigator, NIH R01AA028552 "Identifying alcohol-related and built environment factors that can be modified to prevent pedestrian road traffic deaths".
- 2021-2026 Co-Investigator, NIH R01 AA029112-01 "Impacts of Subsidized Ridesharing on Drunk Driving, Alcohol Consumption, and Mobility"
- 2021-2025 Sub-Contract PI/Co-Investigator, NIH R01RDK127139 "Elucidating Genetic and Environmental Second Hits in Racial and Ethnic Minorities with APOL1 High-Risk Genotypes". Mount Sinai Medical Center is the primary awardee.
- 2020-2022 Co-Investigator and Faculty Lead, COVID-19 Surveillance in the City of Stamford. A contract to develop and implement COVID-19 surveillance in Stamford CT and the Department of Health and Mayor on COVID-19 response. Total budget \$122,500.
- 2020-2022 Principal Investigator, Corporate partnership with Fidelity Investments to create safe return to workplace strategies for their employees. Year 1 budget \$175,000
- 2020-2024 Co-Investigator, NIH R01MD014872-01 (PI Woo Baidal) "LINC: Leveraging IT for Neighborhoods in Childhood."

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- 2019-2024 Co-Investigator, R01 AG062401-01A1 (PI Ian McKeague) “Inferential methods for functional data from wearable devices”.
- 2019-2024 Sub-Contract Principal Investigator/Co-Investigator. NIMH R01MH118960-01A1 (PI Hong Van Tieu) “Neighborhoods, Networks, and the HIV Care Continuum among HIV-infected MSM in NYC”. NY Blood Center is the primary awardee.
- 2017-2022 Sub-Contract Principal Investigator/Co-Investigator and Steering Committee Member, NCI 01CA19924001A1 (MPI Terrence Albrecht and Ann Schwartz) “Detroit Research on Cancer Survivors (Detroit ROCS)”. Wayne State University is the primary awardee.

Past Support

- 2018-2021 Co-Investigator, HUD NYHH00042-18 (PI Matt Perzanowski) “Urban fungal exposure, sensitization and asthma among a low-income population”.
- 2015-2021 Co-Investigator, NIDDK T32 DK06552211, (PI: Sharon Oberfield) Training grant in pediatric endocrinology, diabetes and metabolism.
- 2015-2021 Subcontract Principal Investigator/Co-Investigator, NICHD R01HD082147-01A1 (PI: Cassidy-Bushrow) “Delivery mode, environment and the gut microbiome: influence on childhood body size”. Henry Ford Health System is the primary awardee.
- 2019-2021 Sub-Contract Principal Investigator/Co-Investigator, NIMH R34MH121295-01 (PI Victoria Frye) “Optimizing Study Design to Test a Community-level Intervention to Reduce Intersectional Stigma and Increase HIV Testing and Prevention among African-American/Black MSM”. City University of New York is the primary awardee.
- 2019-2021 Sub-Contract Principal Investigator/Co-Investigator, Administrative Supplement to NCI 01CA19924001A1 (MPI Ann Schwartz and Jennifer Beebe-Dimmer) “Detroit Research on Cancer Survivors (Detroit ROCS)”. Wayne State University is the primary awardee.
- 2020-2021 Co- Principal Investigator, Rundle and Jiang, Columbia University School of Engineering and Applied Sciences Technology Innovations for Urban Living in the face of COVID-19 award. “Low-Cost Continuous Multi-Person Fever Detection for a Safer COVID-19 and Post-COVID-19 World”. Year 1 budget \$85,000
- 2020-2021 Sub-contract Principal Investigator/Co-Investigator, 2U01CA182934-06 (PI Yu Chen), “The Association Between Neighborhood Walkability and Risk of Obesity-Related Cancer”. New York University is the primary awardee.
- 2015-2020 Principal Investigator, Project 2: The Impact of PAH Exposure on Childhood Growth Trajectories and Visceral Adipose Tissue Mass in Adolescence Linkages to Disrupted Self-Regulatory Processes. An R01



- Project within the NIEHS/EPA P50ES009600-16 Columbia Center for Children's Environmental Health (Center PI: Frederica Perera). 2017-2018 Project 2 total costs \$248,727
- 2014-2020 Co-Investigator, NIEHS R01ES011126-11 (PI: Benjamin Rybicki). A nested case-control study of prostate cancer carcinogenesis. 2017-2018 CU sub-contract total costs \$176,704
- 2015-2020 Subcontract PI/Co-Investigator, NIA, R01AG049970, (PI: Gina Lovasi) Communities Designed to Support Cardiovascular Health for Older Adults. 2017-2018 total costs \$463,486.
- 2018-2019 Service contract Principal Investigator, NHGRI 3U01HG007278-04S1, (PI: Carol Horowitz) Genomic Medicine Pilot For Hypertension And Kidney Disease In Primary Care. 2018 total costs \$126,000
- 2017-2019 Subcontract PI/Co-Investigator NIMH R56MH112401-01A1 (PI Hong Van Tieu) Influence of neighborhoods and networks on the HIV care continuum among HIV-infected MSM in NYC. CU 2017-2018 CU sub-contract total costs \$18,077.
- 2016-2019 Subcontract PI/Co-Investigator, NICHD R01HD087460, (PI: Charles DiMaggio) Data Integration and Advanced Statistical Modeling to Describe and Control Pediatric Pedestrian Injuries in the United States. 2017-2018 total costs \$114,770.
- 2015-2018 Principal Investigator, 5R49CE002096-05 Center for Injury Epidemiology and Prevention. Pilot study award. The Interactive Pedestrian Injury Mapper. 2017-2018 total costs \$16,000.
- 2015-2018 Co-Investigator, NCI, R21CA195110, (PI: Frederica Perera) Novel Protein Risk Markers for Lung Cancer. 2017-2018 total costs \$184,217
- 2015-2017 Co-Investigator, NIBIB 1R21EB01891701A1, (PI: Arthur Goldsmith) Generalized, multilevel functional response models applied to accelerometer data. \$282,700 total costs
- 2015-2017 Subcontract PI/Co-Investigator, NCI 1UMCA182934-01A1, (PI: Anne Zeleniuch-Jacquotte) The NYU Women's Health Study. Subcontract total costs, \$107,319
- 2014-2016 Co-Investigator. Research Initiatives in Science & Engineering (RISE) from the Columbia University Office of the Executive Vice President for Research. (PI: Frank Lowy). Development of a New York City Antibiotic Resistome Map: Identifying Neighborhood & Individual Level Factors that Contribute to the Prevalence of Antimicrobial Resistance in the Community. \$160,000 total costs.
- 2013-2016 Co-Investigator. Robert Wood Johnson Foundation (PI: Sally Findley) Profiles of participants in WIC and other healthy living programs for preschoolers in New York. \$399,944 total costs

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- 2013-2014 Principal Investigator. 5R49CE002096-05 Center for Injury Epidemiology and Prevention. Pilot study award, Pedestrian Environment Characteristics Associated with Pedestrian-Motor Vehicle Collisions in New York City. \$7,000 total costs
- 2012-2016 Co-Investigator, NHLB R01HL111195-01(PI: Ken Cheung). Physical activity patterns via new dimension-informative cluster models. \$1,412,216 total costs.
- 2012-2016 Co-Investigator, NIEHS 1R01ES021482-01. (PI: Robin Whyatt) Prenatal pyrethroid exposure and child mental, motor and behavioral development. \$1,707,710 total costs.
- 2011-2013 Principal Investigator, Contract from New York City Department of Health and Mental Hygiene's Communities Putting Prevention to Work Initiative Enhanced Evaluation Grant, funded by HHS ARRA funds, \$60,000 total costs.
- 2011-2012 Co-Investigator, NCATS supplement to UL1RR024156 (PI: Wang, Ph.D.) Building Methodological Infrastructure for Comparative Effectiveness Research. \$284,294 total direct costs.
- 2010-2013 Principal Investigator, NICHD grant# R21HD062965-01. Using Google Streetview to Measure Neighborhood Characteristics. \$448,504 total costs.
- 2009-2015 Co-Investigator, NIMH grant# R01MH085132-01 (PI: John Beard). Risk of Depression, Neighborhood Characteristics, and Physical Activity. \$3,072,080 total costs.
- 2009-2015 Principal Investigator, Project 1. Endocrine Disruptors & Obesity Among Inner-City Children, a R01 project within The Columbia Center for Children's Environmental Health, P01 ES009600 (Overall PI, Frederica Perera, DrPH). \$1,138,265 total costs for Project 1.
- 2009-2013 Principal Investigator, NIDDK grant # 5R01DK079885-02. Neighborhood Environments and Disparities in Obesity Rates in New York City. \$1,164,005 total costs.
- 2009-2012 Consultant, DOD grant PC081626 (PI: Zeigler-Johnson). Multilevel Analysis of Neighborhood Characteristics and Prostate Cancer Outcomes.
- 2009-2011 Principal Investigator, Robert Wood Johnson Active Living Research Round 8 Grant. Built Environment and Childhood Fitness and Overweight in New York City - \$248,958 total direct costs.
- 2009-2011 Principal Investigator, US Forest Service grant # 10-DG-11420004-010. The Urban Forest, Childhood Asthma and Community Air Quality Project. \$267,283 total costs.
- 2009-2010 Principal Investigator, NIEHS grant # R01ES014229-04S1. Partnerships for Environmental Public Health Administrative Supplement. \$137,401 total costs

- 2008-2015 Co-Investigator, NICHD grant number 1R01HD058515-01 (PI: Bruce Link, PhD) A Lifecourse Approach to Emerging Health Disparities in a U.S. Birth Cohort. \$2,873,734 total costs.
- 2007-2011 Co-Investigator, NIEHS grant number R01 ES011126 (PI: Ben Rybicki) A Nested Case Control Study of Biomarkers of Prostate Cancer. - \$2,931,519 total costs.
- 2007-2013 Co-Investigator, NIEHS grant number R01 ES014393 (PI: Robin Whyatt) Phthalate Exposure and Inner City Pediatric Asthma. \$3,131,904 total costs.
- 2007-2012 Co-Investigator, NIEHS grant number R01ES008977-10 (PI: Frederica Perera, DrPH) Health Effects of Early-Life Exposures to Urban Pollutants in Minority Children - \$6,032,145 total costs.
- 2008-2012 Co-Investigator, NCI grant number 1R01CA127532-01 (PI: Frederica Perera, DrPH) Molecular Epidemiology and Lung Cancer: A Nested Case-Control Study. \$2,517,134 total costs
- 2007-2011 Co-Investigator, NIEHS grant # R01 ES014400 (PI: Matt Perzanowski) Risk Factors Accounting for Neighborhood Differences in Asthma Prevalence. \$ 2,878,921 total costs.
- 2006-2008 Principal Investigator, Robert Wood Johnson Active Living Research. Observational Validation of Urban Design Measures for New York City. - \$50,000 total costs.
- 2005-2010 Principal Investigator, NIEHS grant # 5R01ES014229. Obesity, Physical Activity and Built Space in New York City. - \$ 1,928,672 total costs.
- 2003-2008 Principal Investigator U54 Research Project, NCI U54 CA101598-01. Assessment, Development and Validation of a Physical Activity Questionnaire in Three Ethnic Groups - \$810,000 total direct costs.
- 2002-2007 Principal Investigator, NCI grant # 1-K07-CA92348-01A1. The Epidemiology of Physical Activity and Lung Cancer - \$672,300 total costs.
- 2002-2006 Co-Investigator (PI: Judith Jacobson) NHLBI grant # 1R01HL068236. Endotoxin, Obesity, and Asthma in NYC Head Start - \$4,835,711 total costs.
- 2002-2004 Co-Investigator (PI: Dr. Ben Rybicki, Henry Ford Cancer Center, PI of Columbia Sub-contract: Deliang Tang) NIEHS grant # R01 ES011126-02S1. Gene-Environment interactions in prostate cancer - \$419,402 total costs.
- 2002-2003 Principal Investigator, Women at Risk. Physical Activity Levels as a Predictor of Blood Glutathione Levels among Women at High Risk of Breast Cancer - \$30,000 total costs.

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- 2002-2002 Principal Investigator, Herbert Irving Comprehensive Cancer Center. Physical Activity Levels as a Predictor of Mammographic Density - \$20,000 total direct costs.
- 2001-2004 Principal Investigator, New York City Council Speaker's Fund for Public Health Research. Sedentary Lifestyle as a Risk Factor for Lung Cancer on Staten Island - \$277,779 total costs.
- 2001-2001 Principal Investigator, Herbert Irving Comprehensive Cancer Center. The Relationship Between Physical Activity, Plasma Glutathione Peroxidase Levels and Oxidative Damage Among Smokers - \$20,000 total costs.

Pending Support

- 2021-2025 Sub-Contract co-investigator, NIH R0113242590 "Greenness, Cognitive Performance and Vascular Outcomes in the NOMAS Study" Year 1 requested sub-contract direct costs \$231,638. 18<sup>th</sup> percentile score, awaiting Council review.
- 2022-2026 MPI Rundle and Beebe-Dimmer, R01CA270543-01, "Neighborhood Level Social and Structural Influences on Cancer Survivorship: The Detroit ROCS-Neighborhood Study". Awaiting Study Section review.

**Educational Contributions:**

Courses Taught, Primary Instructor

- 2019-2020 Integration of Science and Practice, 20-25 students, 2 hours per week of class instruction
- 2013-2016 P9400 Critical Thinking in Epidemiology, 10-20 students, 3 hours per week of class instruction.
- 2000-Present P8432 Environmental Epidemiology, 10-25 students. 3 hours per week of class instruction.

Courses Taught, Preceptor or Lecturer

- 2015-Present P8586 Applied Methods in Health Services and Outcomes Research. Lecturer, 30 students. 1.5 hours of class instruction per semester.
- 2010-Present P8440 Cardiovascular Epidemiology, Lecturer, 30 students. 1.5 hours of class instruction per semester.
- 2010-2012 P6300 Environmental Health Sciences Core Class, Lecturer, 300 students. 3 hours of class instruction per semester.
- 2009-Present P8450 Clinical Epidemiology, Lecturer, 30 students. 1.5 hours of class instruction per semester.
- 2000-2005 Science Survey Course, Science and Environmental Reporting Program, New York University School of Journalism, Lecturer, 10-12 students. 6 hours of class instruction per semester.
- 1998-Present P8307 Molecular Epidemiology, Lecturer, 15-20 students. 3 hours of class instruction per semester.

- 2013 P8322 Environmental Determinants of Human Health II. Lecturer, 30 students. 3 hours of class instruction per semester.
- 2009 Short Course in Molecular Epidemiology: Biomarkers of exposure, susceptibility & disease, Centre for Epidemiology and Biostatistics, University of Leeds and Imperial College, United Kingdom, Lecturer, 30 students. 6 hours of class instruction.
- 2004 International Graduate School of Genetic and Molecular Epidemiology, Karolinska Institute, Sweden, Lecturer, 30 students. 6 hours of class instruction.
- 2003 International Workshop of Molecular Epidemiology, Institute for Scientific Interchange Foundation, Turin Italy, Lecturer, 22 students. 9 hours of class instruction.

#### University-Wide Challenges and Hack-a-thons

- 2016 Sensing and the City Design Challenge. Sponsored by Columbia Engineering, the Columbia Global Center, Rio de Janeiro, Federal University of Rio de Janeiro, Columbia Graduate School of Architecture, Preservation and Planning Urban Design, Mailman School of Public Health Urban + Health Initiative, School of International and Public Affairs, and the Columbia Data Science Institute. Reviewer and Judge. 8 hours of contact.
- 2016 SustainaBuild Design Challenge. Sponsored by New York City's Department of Design and Construction, Columbia Mailman School of Public Health, and the Columbia Graduate School of Architecture, Preservation and Planning. Reviewer and Judge 6 hours of contact.

#### Mentoring: Junior Faculty, Prost Doctoral Fellow, Doctoral Students and Masters Students

##### Junior Faculty Mentoring

- 2018-Present Jesse Plascak, Ph.D. Instructor, Rutgers, Ohio State University, School of Public Health. K07 Advisor.
- 2018-Present Seth Prins, Ph.D., Mailman School of Public Health, Assistant Professor, Epidemiology.
- 2018-Present Christopher Morrison, Ph.D., Mailman School of Public Health, Assistant Professor, Epidemiology.
- 2010-2016 Gina Lovasi, Ph.D., Assistant Professor, Epidemiology. Current Position: Dornsife Associate Professor of Urban Health, Co-Director of the Urban Health Collaborative. Department of Epidemiology and Biostatistics, Drexel University, Dornsife School of Public Health.
- 2011-2016 Megan Hall, Ph.D., Mailman School of Public Health, Assistant Professor, Epidemiology. Current Position: Assistant Professor, SUNY Downstate Medical Center, School of Public Health.

##### Post-Doctoral Mentoring

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- 2020-Present Jamaica Robinson, PhD., Fellow, Department of Epidemiology, Mailman School of Public Health. NCI Cancer Training Program.
- 2018-2021 Eliza Whiteman, PhD., K99 Fellow, Department of Epidemiology, Mailman School of Public Health; Current position: Assistant Professor, University of Pennsylvania, Perelman School of Medicine.
- 2015-Present Stephanie Lovinsky-Desir, MD. CTSA TRANSFORM KL2 Fellow, Columbia University Medical Center.
- 2013-2016 Elizabeth Widen, Ph.D., Postdoctoral Fellow in Nutrition and Population Health, Institute of Human Nutrition; Current position: Assistant Professor, Department of Nutritional Sciences, The University of Texas at Austin, Dell Medical School.
- 2013-2015 Noel Mueller, Ph.D., Postdoctoral Fellow in Nutrition and Population Health, Institute of Human Nutrition; Current position: Assistant Professor, John Hopkins University.
- 2011-2014 Michelle Maresca, M.D., Pediatrics Fellow, Columbia University Medical Center; Current position: Assistant Professor of Medicine, Rutgers New Jersey Medical School
- 2009-2011 Michael Bader, Ph.D., R.W.J. Health and Society Scholar; Current position: Associate Professor of Sociology, American University.
- 2006-2009 Gina Lovasi, Ph.D., R.W.J. Health and Society Scholar; Current position: Dornsife Associate Professor of Urban Health, Dornsife School of Public Health, Drexel University
- 2005-2007 Mark Opler, Ph.D., Epidemiology; Current position(s): Assistant Professor NYU Medical Center and Chief Scientific Officer & Founder, ProPhase LLC.
- 2005-2006 James Gangwisch, Ph.D., Psychiatric Epidemiology Training Program; Current position: Assistant Professor of Clinical Psychiatric Social Work (in Psychiatry).
- 2005-2006 Helen Kwon, Ph.D., Epidemiology, Kellogg Fellow; Last known position: Missionary Work in Africa

Doctoral Sponsorship

Dissertation Sponsorship

- 2014-2016 Stephen Mooney, Ph.D., Epidemiology, 2016; The Impact of Built and Social Environment on Physical Activity among Older Adults. Awarded the Gelman Award for Excellence in Epidemiology at graduation. Current position: Assistant Professor of Epidemiology at University of Washington.
- 2007-2012 Russell McBride, Ph.D., Epidemiology, 2012 Awarded with Distinction; Dissertation: Obesity and Prostate Cancer - Bias and Biomarkers. Awarded the Gelman Award for Excellence in Epidemiology at graduation. Current position: Instructor, Mount Sinai School of Medicine.

- 2006-2009 Lina Titievsky, Ph.D., Epidemiology, 2010; Dissertation: Built environment and individual body mass index in NYC adults. Current position: Senior Director Medical Affairs Research, Intercept Pharmaceuticals
- 2003-2007 Ai Kubo, Ph.D., Epidemiology, 2007; Dissertation: Dietary Factors and the Risk of Barrett's Esophagus. Current position: Staff Scientist, Kaiser Permanente Division of Research
- Dissertation Chair
- 2021 Paul Reeping, Ph.D. Epidemiology, 2021 The effect of gun-free zones on interpersonal and mass shootings in the United States
- 2021 Jialin Mao, Ph.D. Epidemiology, 2021 Applying a multilevel framework to investigating racial and ethnic disparities in robot-assisted surgery and associated outcomes for prostate cancer.
- 2021 Andrew Ratanatharathorn, Ph.D. Epidemiology, 2021 Untangling the risk of onset and persistence of PTSD and Depression following Traumatic Events.
- 2017 Zaixing Shi, Ph.D. Epidemiology, 2017 Understanding changes in health-related behaviors after breast cancer diagnosis. Current position: Post-Doctoral Fellow at University of Washington.
- 2014 Catherine Richards, Ph.D. Epidemiology, 2014; Dissertation: The effect of hospital financial distress on immediate breast reconstruction. Awarded the Gelman Award for Excellence in Epidemiology at graduation. Current position: Vice President, Analytics & Scientific Engagement at Boston Health Economics
- Dissertation Committee
- 2021 Sandra India Aldana, Ph.D. NYU School of Medicine, New York University.
- 2019 Benjamin Spoer, Ph.D. College of Global Public Health, New York University
- 2016 Manuel Co, Ph.D., Columbia University, School of Nursing
- 2015 Lori Hoepner, Dr.P.H., Environmental Health Sciences
- 2013 Ann Marie Reardon, Dr.P.H., Environmental Health Sciences
- 2013 Ofira Schwart-Soicher, Ph.D., Social Work
- 2013 Maria Jose Rosa, Ph.D., Environmental Health Sciences
- 2012 Keith Drake, Ph.D. Dartmouth College, The Dartmouth Institute
- 2011 Allan Just, Ph.D., Environmental Health Sciences
- 2011 Maria Argos, Ph.D. Epidemiology
- 2008 Rachel Sobell, Ph.D., Environmental Health Sciences
- 2008 Theresa Janevic, Ph.D., Epidemiology

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2008 Megan Williams, Ph.D., Environmental Health Sciences  
2007 Marian Olsen, Dr.P.H., Environmental Health Sciences  
2006 Julia Heck, Ph.D., Epidemiology

Masters Students

Thesis Supervision

2021 Felice Tsui, M.P.H., Epidemiology  
2021 Rachel Tao, M.P.H., Epidemiology  
2021 Lauren Guerra, M.P.H., Epidemiology  
2021 Gabrielle D'Ambrosi, M.P.H., Epidemiology  
2019 Susan Lloyd, M.P.H., Epidemiology  
2019 Charisma Hooda, M.P.H., Epidemiology  
2019 Francois Ban, M.P.H., Epidemiology  
2019 Taylor Lampe, M.P.H., Epidemiology  
2019 Vivian Do, M.P.H., Epidemiology  
2018 Dustin Frye, M.P.H., Epidemiology  
2017 Mathew Cato, M.P.H., Epidemiology  
2017 Samina Lutfeali, M.P.H., Epidemiology  
2016 Yvette Ng, M.P.H., Epidemiology  
2016 Theodora Swenson, M.P.H., Epidemiology  
2016 Sarah Kunkle, M.P.H., Epidemiology  
2016 Samantha Tomicki, M.P.H., Epidemiology  
2013 Liza Phillips, M.P.H., Epidemiology  
2013 Angeline Protacio, M.P.H., Epidemiology  
2012 Jennifer Brite, M.P.H., Epidemiology  
2012 Joshua Brooks, M.P.H., Epidemiology  
2009 Michelle Suwannukul, M.P.H., Epidemiology  
2009 Todd Case, M.S., Epidemiology  
2008 Tara Kalra, M.P.H., Epidemiology  
2008 Catherine Richards, M.P.H., Epidemiology  
2006 Elizabeth Masters, M.P.H., Epidemiology  
2006 Rachael Klein, M.P.H., Epidemiology  
2006 Jason Lui, M.P.H., Epidemiology  
2006 Wendy McDowell, M.P.H., Epidemiology



- 2006 Deborah Jones, M.P.H., Epidemiology
- 2005 Jen Chunn, M.P.H., Epidemiology
- 2004 Elizabeth Garduno, M.P.H., Epidemiology
- 2004 Ann Madsen, M.P.H., Epidemiology
- 2004 Sara Cabelli, M.P.H., Epidemiology
- 2003 Eunpa Chai, M.P.H., Epidemiology
- 2003 Kendra Alyce Khawaja, M.P.H., Epidemiology

#### Educational Administration and Leadership

- 2008 Workshop on Molecular Epidemiology, Shanghai CDC, Shanghai China, Co-Director, 50 students. Developed the curriculum, recruited instructors and taught classes.

#### Instructional/Educational Materials

- 2020 Rundle, A. 2020AD: a Pandemic Film Project.  
<https://blogs.cuit.columbia.edu/agr3/>  
 A film series created for the 2020 online version of the Environmental Epidemiology course that introduced the key learning goal for each week's class. Inspired by Philip K. Dick's "The Man in the High Castle" and the film "The Matrix", the film series shows an alternative SARS-CoV-2 pandemic history through a series of emergency broadcast transmissions from a parallel reality.
- 2016 Ratanatharathorn, A., Mooney, S., Rundle, A. EpiSimulations.net  
 An interactive website with a suite of teaching tools for demonstrating methodological issues in epidemiology. The site uses R Shiny to create interactive simulations that allow the user to conduct a series of "what if" experiments to demonstrate epidemiology principles. The site currently has modules that demonstrate the extent of bias caused by confounding and exposure misclassification, and the intricacies and trade-offs involved in matching in a case-control study. The website is used in P9400 Critical Thinking in Epidemiology, P8432 Environmental Epidemiology, P8450 Clinical Epidemiology, and P8307 Molecular Epidemiology.
- 2000 Rundle, A., Aflatoxin Carcinogenesis  
 Rundle, A. Vinyl-Chloride Carcinogenesis.  
 Interactive CD-Roms with 3-D and stereo-scopic 3D video that illustrate chemical carcinogens, molecular structures and concepts of molecular carcinogenesis for students who lack a strong back ground in molecular biology. All of the animations use NMR derived 3D structure data and are the most accurate depictions of the chemicals and molecular processes currently available. Ported to the web on Columbia University CourseWorks circa 2010. Used annually in P8432 Environmental Epidemiology,
- 1999 Rundle, A., Moss-Salentijn, L., 3-Dimensional Reconstruction of Fetal Dental Tissue.

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An interactive CD-Rom that presented 3D reconstructions in Apple QuickTime VR, of fetal dental tissues reconstructed from paraffin embedded glass mounted tissue sections. Columbia University School of Dental and Oral Surgery.

**Patents and Inventions**

- 2012 Rundle, A., Bader, M., Mooney, S. System, Device and Methods for Selecting Map Segments from a Sample Plan. Provisional Application for a Patent 2012. Columbia University Medical Center.
- 2022 Jiang, X (Fred) Jiang, Wei, P., Liu, Y., Hou, K., Rundle, A. Low-Cost Continuous In-Situ Multi-Person Fever Screening System. Provisional Application for a Patent 2022. Columbia University.

**Publications:**

Peer-Reviewed Articles Publons/Wed of Science H-Index = 52  
Published or In-Press

250. Rundle, A. Bader, M., Mooney, S. Disclosure of personal identifying information in studies of neighborhood contexts and patient outcomes. *Journal of Medical Internet Research*, 2021 In-Press.
249. Bozack A, Pierre S, DeFelice N, Colicino E, Jack D, Chillrud SN, Rundle A, Astua A, Quinn JW, McGuinn L, Yang Q, Johnson K, Masci J, Lukban L, Maru D, Lee AG. Long-Term Air Pollution Exposure and COVID-19 Mortality: A Patient-Level Analysis from New York City. E-pub ahead of print *Am J Respir Crit Care Med*. 2021 Dec 9
248. Plascak JJ, Llanos AAM, Mooney SJ, Rundle AG, Qin B, Lin Y, Pawlish KS, Hong CC, Demissie K, Bandera EV. Pathways between objective and perceived neighborhood factors among Black breast cancer survivors. *BMC Public Health*. 2021 Nov 6;21(1):2031
247. Hanna DB, Hua S, Gonzalez F 2nd, Kershaw KN, Rundle AG, Van Horn LV, Wylie-Rosett J, Gellman MD, Lovasi GS, Kaplan RC, Mossavar-Rahmani Y, Shaw PA. Higher Neighborhood Population Density Is Associated with Lower Potassium Intake in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *Int J Environ Res Public Health*. 2021 Oct 13;18(20):10716.
246. Stratakis N, Garcia E, Chandran A, Hsu T, Alshawabkeh A, Aris IM, Aschner JL, Breton C, Burbank A, Camargo CA Jr, Carroll KN, Chen Z, Claud EC, Dabelea D, Dunlop AL, Elliott AJ, Ferrara A, Ganiban JM, Gern JE, Gold DR, Gower WA, Hertz-Picciotto I, Karagas MR, Karr CJ, Lester B, Leve LD, Litonjua AA, Ludena Y, McEvoy CT, Miller RL, Mueller NT, O'Connor TG, Oken E, O'Shea TM, Perera F, Stanford JB, Rivera-Spoljaric K, Rundle A, Trasande L, Wright RJ, Zhang Y, Zhu Y, Berhane K, Gilliland F, Chatzi L; program collaborators for Environmental influences on Child Health Outcomes. The Role of Childhood Asthma in Obesity Development: A Nationwide U.S. Multi-cohort Study. *Epidemiology* E-pub ahead of print, Sept 2021, In-print 2022 Jan 1;33(1):131-140.

245. Plascak JJ, Rundle AG, Xu X, Mooney SJ, Schootman M, Lu B, Roy J, Stroup AM, Llanos AAM. Associations between neighborhood disinvestment and breast cancer outcomes within a populous state registry. *Cancer*. E-pub ahead of print, Sept 2021, In-print 2022 Jan 1;128(1):131-138..
244. Bekelman TA, Dabelea D, Ganiban JM, Law A, McGovern Reilly A, Althoff KN, Mueller N, Camargo CA Jr, Duarte CS, Dunlop AL, Elliott AJ, Ferrara A, Gold DR, Hertz-Picciotto I, Hartert T, Hipwell AE, Huddleston K, Johnson CC, Karagas MR, Karr CJ, Hershey GKK, Leve L, Mahabir S, McEvoy CT, Neiderhiser J, Oken E, Rundle A, Sathyanarayana S, Turley C, Tylavsky FA, Watson SE, Wright R, Zhang M, Zoratti E; Program collaborators for Environmental influences on Child Health Outcomes (ECHO). Regional and sociodemographic differences in average BMI among US children in the ECHO program. *Obesity (Silver Spring)* E-pub ahead of print, Aug 2021. In-print 2021 Dec;29(12):2089-2099.
243. Robinson JRM, Beebe-Dimmer JL, Schwartz AG, Ruterbusch JJ, Baird TE, Pandolfi SS, Hastert TA, Quinn JW, Rundle AG. Neighborhood walkability and body mass index in African American cancer survivors: The Detroit Research on Cancer Survivors study. *Cancer*. E-pub ahead of press, Aug 2021, In-print 2021 Dec 15;127(24):4687-4693.
242. Margolis AE, Ramphal B, Pagliaccio D, Banker S, Selmanovic E, Thomas LV, Factor-Litvak P, Perera F, Peterson BS, Rundle A, Herbstman JB, Goldsmith J, Rauh V. Prenatal exposure to air pollution is associated with childhood inhibitory control and adolescent academic achievement. *Environ Res*. E-pub ahead of press, June 2021, In-print 2021 Nov;202:111570.
241. Rundle AG, Sadasivan SM, Chitale DA, Gupta NS, Williamson SR, Kryvenko ON, Chen Y, Bobbitt K, Tang D, Rybicki BA. Racial differences in the systemic inflammatory response to prostate cancer. *PLoS One*. 2021 Jul 9;16(7):e0252951.
240. India-Aldana S, Rundle AG, Zeleniuch-Jacquotte A, Quinn JW, Kim B, Afanasyeva Y, Clendenen TV, Koenig KL, Liu M, Neckerman KM, Thorpe LE, Chen Y. Neighborhood Walkability and Mortality in a Prospective Cohort of Women *Epidemiology*, E-pub ahead of press, Aug 2021, In-print 2021 Nov 1;32(6):763-772.
239. Morrison CN, D'Ambrosi G, Kamb A, MacManus K, Rundle AG, Humphreys DK. Rideshare trips and alcohol-involved motor vehicle crashes in Chicago. *Journal of Studies on Alcohol and Drugs*, 2021 Nov;82(6):720-729.
238. Garg PK, Platt JM, Hirsch JA, Hurvitz P, Rundle A, Biggs ML, Psaty BM, Moore K, Lovasi GS. Association of neighborhood physical activity opportunities with incident cardiovascular disease in the Cardiovascular Health Study. *Health Place*. E-Pub ahead of print June 2021.
237. Rush, RE., Dannemiller, KC., Cochran, SJ., Haines, SR., Acosta, L., Divjan, A., Rundle, AG., Miller, RL., Perzanowski, MS., Croston, TL., Green, BJ. *Vishniacozyma victoriae* (syn. *Cryptococcus victoriae*) in the homes of asthmatic and non-asthmatic children in New York City. *Journal of Exposure Science &*

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- Environmental Epidemiology, E-pub ahead of print, June 2021, In-print 2022 Jan;32(1):48-59.
236. Lovasi, G.S., Johnson, N.J., Altekruse, S., Hirsch, J.A., Moore, K., Brown, J.R., Rundle, A., Quinn, J., Neckerman, K., Siscovick, D. Healthy Food Retail Availability and Cardiovascular Mortality in the United States: A Cohort Study. *BMJ Open*. *BMJ Open* . 2021 Jul 9;11(7):e048390.
235. Morrison CN, Lee JP, Giovenco DP, West B, Hidayana I, Astuti PAS, Mooney SJ, Jacobowitz A, Rundle A. The geographic distribution of retail tobacco outlets in Yogyakarta, Indonesia. *Drug Alcohol Rev*. E-pub ahead of print Mar 2021, In-print 2021 Nov;40(7):1315-1324.
234. Rybicki, BA., Sadasivan, SM., Chen, Y., Kravtsov, O., Palangmonthip, W., Taneja, K., Gupta, NS., Williamson, S., Bobbitt, K., Chitale, DA., Tang, D., Rundle, AG., Iczkowski, KA. Growth and differentiation factor 15 (GDF15) and NFκB expression in benign prostatic biopsies are associated with risk of subsequent prostate cancer detection. *Cancer Medicine*. E-pub ahead of print Mar 2021.
233. Olsen, J., Patterson, C., Caryl, F., Robertson, T., Mooney, SJ., Rundle, AG., Mitchell, R., Hilton, S. Exposure to unhealthy product advertising: Spatial proximity analysis to schools and socio-economic inequalities in daily exposure measured using Scottish Children's individual-level GPS data. *Health and Place*. 2021 Mar;68:102535.
232. Byoungjun, K., Rundle, A., Goodwin, A., Morrison, C., Branas, C., El-Sadr, W., Duncan, D. COVID-19 testing, case and death rates and spatial socio-demographics in New York City: An ecological analysis as of June 2020. *Health and Place*. 2021 Mar;68:102539.
231. Zebrowski A, Rundle A, Pei S, Yaman T, Yang W, Carr BG, Sims S, Doorley R, Schluger N, Quinn JW, Shaman J, Branas CC. A spatiotemporal tool to project hospital critical care capacity and mortality from COVID-19 in US counties. *American Journal of Public Health*, E-pub ahead of print April 2021.
230. Gullon P, Bilal U, Hirsch JA, Rundle A, Judd S, Safford M, Lovasi GS. Does a physical activity supportive environment ameliorate or exacerbate socioeconomic inequities in incident coronary heart disease?. *Journal of Epidemiology and Community Health*, E-pub ahead of print Dec 2020.
229. Hirsch, J.A., Moore, K.A., Cahill, J., Quinn, J., Zhao, Y., Bayer, F.J., Rundle, A., Lovasi, G. S. Business Data Categorization and Refinement for Application in Longitudinal Neighborhood Health Research: A Methodology. *Journal of Urban Health*, E-pub ahead of print Oct 2020.
228. Kehm RD, Oskar S, Tehranifar P, Zeinomar N, Rundle AG, Herbstman JB, Perera F, Miller RL, Terry MB. Associations of prenatal exposure to polycyclic aromatic hydrocarbons with pubertal timing and body composition in adolescent girls: Implications for breast cancer risk. *Environ Res*. E-pub ahead of print Oct 2020.

- 227 Sitarik, A., Havstad, S., Johnson, C., Jones, K., Levin, A., Lynch, S., Ownby, D., Rundle, A., Straughen, J., Wegienka, G., Woodcroft, K., Yong, G., Cassidy-Bushrow, A. Association between Caesarean Delivery Types and Obesity in Pre-Adolescence. *International Journal of Obesity*, 2020, Oct;44(10):2023-2034.
- 226 Conrad, L., Rauh, VA., Hoepner, L., Acosta, LM., Perera, F., Rundle, AG., Arteaga-Solis, E., Miller, RL., Perzanowski, M. Report of prenatal maternal demoralization and material hardship and infant rhinorrhea and watery eyes. *Annals of Allergy, Asthma & Immunology*, 2020 Oct;125(4):399-404.
- 225 Morrison, CN, Rundle, AG. Branas, CC, Chichuri, S, Mehranbod, C, Li, G. The Unknown Denominator Problem in Population Studies of Disease Frequency. *Spatial and Spatio-temporal Epidemiology* 2020, Nov;35;100361.
- 224 Sadasivan SM, Chen Y, Gupta NS, Han X, Bobbitt KR, Chitale DA, Williamson SR, Rundle AG, Tang D, Rybicki BA. The interplay of GDF15 (growth differentiation factor 15) expression and M2 macrophages during prostate carcinogenesis. *Carcinogenesis*, 2020 Aug 12;41(8):1074-1082.
- 223 Park, Y., Torres, M., Bhuyan, R., Ao, J., Graves, L., Rundle, A. Social Workers' Perceptions of Structural Inequality and Attitudes Towards Immigrants: Implications for social work education. *Journal of Social Work Education*. E-pub ahead of print Apr 2021.
- 222 Kinsey, E., Kinsey, D., Rundle, A. COVID-19 and Food Insecurity: An Uneven Patchwork of Responses. *Journal of Urban Health*, 2020 Jun;97(3):332-335.\*
- 221 Plascak JJ, Schootman M, Rundle AG, Xing CY, Llanos AAM, Stroup AM, Mooney SJ. Spatial predictive properties of built environment characteristics assessed by drop-and-spin virtual neighborhood auditing. *Int J Health Geogr*. 2020 May;19(1):21.
- 220 Rundle AG, Park Y, Herbstman JB, Kinsey EW, Wang YC. COVID-19 Related School Closings and Risk of Weight Gain Among Children. *Obesity*. E-pub ahead of print March 2020, in print 2020 Jun;28(6):1008-1009.\*
- 219 Beebe-Dimmer JL, Ruterbusch JJ, Harper FWK, Baird TM, Finlay DG, Rundle AG, Pandolfi SS, Hastert TA, Schwartz KL, Bepler G, Simon MS, Mantey J, Abrams J, Albrecht TL, Schwartz AG. Physical activity and quality of life in African American cancer survivors: The Detroit Research on Cancer Survivors study. *Cancer*. E-Pub ahead of print Feb 2020, in print 2020 Jan 1;126(9):1987-1994.
- 218 Morrison, CN., Mehranboda, C., Kwizerac, M., Rundle, AG., Keyes, KM., Humphreys, DK. Ridesharing and Motor Vehicle Crashes: A Spatial Ecological Case-Crossover Study of Trip-Level Data. *Injury Prevention*, 2021 Apr;27(2):118-123.
- 217 Shi, Z., Rundle, AG., Genkinger, JM., Cheung, YK., Ergas, IJ., Roh, JM., Kushi, LH., Kwan, M., Greenlee, H. Distinct trajectories of moderate to vigorous physical activity and sedentary behavior following a breast cancer diagnosis: The Pathways Study. *J Cancer Surviv* 2020 Jun;14(3):393-403.

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- 216 Rundle, AG., Factor-Litvak, P., Suglia, SF., Susser, ES., Kezios, KL., Lovasi, GS., Cirillo, PM., Cohn, BA., Link, BG. Tracking of Obesity in Childhood into Adulthood: Effects on Body Mass Index and Fat Mass Index at Age 50. *Childhood Obesity*, 2020 Apr;16(3):226-233.\*
- 215 Jia, P., Yu, C., Remais, JV., Steina, A., Liu, Y., Brownson, RC., Lakerveld, J., Wu, T., Yang, L., Smith, M., Amer, S., Pearce, J., Kestens, Y., Kwan, MP., Lai, S., Xu, F., Chen, X., Rundle, A., Xiao, Q, Xue, H., Luo, M., Zhao, L., Cheng, G., Yang, S., Zhou, X., Lia, Y., Panter, J., Kingham, S., Jones, A., Johnson, BT., Shi, X., Zhang, L., Wang, L., Wu, J., Mavoa, S., Toivonen, T., Mwenda, KM., Wang, Y., Verschuren, WMM., Vermeulen, R., James, P. Spatial Lifecourse Epidemiology Reporting Standards (ISLE-ReSt) statement. *Health & Place*. 2020 Jan;61:102243.
- 214 Plascak, JJ, Rundle, AG., Babel., RA., Llanos, AAM., LaBelle, CM., Stroup, AM., Mooney, SJ. Drop-And-Spin Virtual Neighborhood Auditing: Assessing Built Environment for Linkage to Health Studies. *American Journal of Preventive Medicine*. 2020 Jan;58(1);152-160.
- 213 Rundle, AG., Torsiello, N., Davis, B., Griffin, B., Neugut, AI., Levy, D. Analyses of Employer Medical Claims Data to Assess Receipt of High Priority Preventive Health Services. *American Journal of Preventive Medicine*. E-pub ahead of print March 2020, In print 2020 May;58(5):715-723.\*
- 212 Widen E, Nichols A, Kahn L, Factor-Litvak P, Insel B, Hoepner L, Dube S, Rauh V, Perera F, Rundle A. Prepregnancy obesity is associated with cognitive outcomes in boys in a low-income, multiethnic birth cohort. *BMC Pediatrics*, 2019 19(1)507.
- 211 Mooney SJ, Wheeler-Martin K, Fiedler LM, LaBelle CM, Lampe T, Ratanatharathorn A, Shah NN, Rundle AG, DiMaggio CJ. Development and validation of a Google Street View pedestrian safety audit tool. *Epidemiology*. E-Pub ahead of print October 2019, In Print 2020 Mar;31(2):301-309.
- 210 Shi Z, Rundle A, Genkinger JM, Cheung YK, Ergas IJ, Roh JM, Kushi LH, Kwan ML, Greenlee H. Distinct trajectories of fruits and vegetables, dietary fat, and alcohol intake following a breast cancer diagnosis: the Pathways Study. *Breast Cancer Res Treat*. E-Pub ahead of print October 2019, In Print 2020; 179(1):229-240.
- 209 Tylavsky, F., Catellier, D., Oken, E., Li, X., Hua, AL., Dabelea, D., Rundle, A., Gilbert-Diamond, D., Hivert, MF., Breton, CV., Cassidy-Bushrow, A., Mueller, N., Hunt, K., Arteaga, S., Lombo, T., Mahabir, S., Ruden, D., Sauder, K., Hedderson, M., Zhu, Y., Polk, S., Mihalopoulos, N., Vos, M., Pyles, L., Roary, M., Aschner, J., Karagas, M., Trasande, L. Understanding childhood obesity in the US: The NIH Environmental influences on Child Health Outcomes (ECHO) Program. *International Journal of Obesity*, E-Pub ahead of Print Oct 2019.
- 208 Nichols, AR., Rundle, AG., Factor-Litvak, P., Insel, B., Hoepner, L., Rauh, V., Perera, F., Widen, E. Prepregnancy obesity is associated with lower psychomotor

- development scores in boys at age 3 in a low-income, minority birth cohort. *Journal of Developmental Origins of Health and Disease*. E-pub ahead of print September 2019, In Print 2020 Feb;11(1):49-57.
- 207 Rundle, A., Gallagher, D., Herbstman, J., Goldsmith, J., Holmes, D., Hassoun, A., Oberfield, S., Miller, R., Andrews, H., Widen, E., Hoepner, L., Perera. Prenatal Exposure to Airborne Polycyclic Aromatic Hydrocarbons and Childhood Growth Trajectories from Age 5 to 14 Years. *Environmental Research*. E-pub ahead of print July 2019, In-print 2019, Oct;(177)\*.
- 206 Rundle AG, Chen Y, Quinn JW, Rahai N, Bartley K, Mooney SJ, Bader MD, Zeleniuch-Jacquotte A, Lovasi GS, Neckerman KM. Development of a Neighborhood Walkability Index for Studying Neighborhood Physical Activity Contexts in Communities across the U.S. over the Past Three Decades. *Journal of Urban Health*. E-Pub ahead of print June 18, 2019, In Print 2019 Aug;96(4):583-590\*.
- 205 Berger, N., Kaufman, TK., Bader, MDM, Rundle, AG., Mooney, SJ., Neckerman, KNM., Lovasi, GS. Disparities in trajectories of changes in the unhealthy food environment in New York city: A latent class growth analysis, 1990–2010. *Social Science & Medicine*. E-Pub ahead of print, June 12, 2019, In Print 2019 Aug:234.
- 204 Kryvenko ON, Wang Y, Sadasivan S, Gupta NS, Rogers C, Bobbitt K, Chitale DA, Rundle A, Tang D, Rybicki BA. Potential effect of anti-inflammatory drug use on PSA kinetics and subsequent prostate cancer diagnosis: Risk stratification in black and white men with benign prostate biopsy. *Prostate*. E-Pub ahead of print, May 2, 2019, In Print 2019 Jul;79(10):1090-1098.
- 203 Kaufman, T., Rundle, A., Neckerman, K., Sheehan, D., Lovasi, G., Hirsch, J. Neighborhood Recreation Facilities and Facility Membership are Jointly Associated with Objectively Measured Physical Activity. *Journal of Urban Health*. E-Pub ahead of print, Apr 29, 2019, In Print 2019 Aug;96(4):570-582.
- 202 Rundle, AG., Suglia, SF., Susser, ES., Factor-Litvak, P., March, D., Kezios KL., Lovasi, GS., Fader, KM., Andrews, H., Cirillo, PM., Cohn, BA., Link, BG. Body Mass Index across the Life-Course: Emergence of Race by Sex Disparities in Early Childhood. *Annals of Epidemiology*, May;33:44-48.2019\*
- 201 Plascak JJ, Llanos AAM, Chavali LB, Xing CY, Shah NN, Stroup AM, Plaha J, McCue EE, Rundle AG, Mooney SJ. Sidewalk Conditions in Northern New Jersey: Using Google Street View Imagery and Ordinary Kriging to Assess Infrastructure for Walking. *Prev Chronic Dis*. 2019 May;16:E60
- 200 Lerner BA, Vo LP, Yates S, Rundle AG, Green PH, Lebwohl, B. Detection of Gluten in Gluten-Free Labeled Restaurant Food: Analysis of Crowd-Sourced Data. *American Journal of Gastroenterology*. E-Pub ahead of print, March 2019, In-Print 2019 May;114(5):792-797.
- 199 Remigio RV, Zulaika , Rabello RS, Bryan J, Sheehan D, Galea S, Carvalho , Rundle A, Lovasi G. A local view of informal urban environments: a mobile phone-based neighborhood audit of street-level factors in a Brazilian informal

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**Curriculum Vitae**

- community. *Journal of Urban Health*. E-Pub ahead of print, March 2019, In Print 2019 Aug;96(4):537-548.
- 198 Lovinsky-Desir S, Acosta LM, Rundle AG, Miller RL, Goldstein IF, Jacobson JS, Chillrud SN, Perzanowski MS. Air pollution, urgent asthma medical visits and the modifying effect of neighborhood asthma prevalence. *Pediatr Res*. E-Pub ahead of print, Oct 2018. In-Print 2019 Jan;85(1):36-42.
- 197 Bratton-Rhodes, B., Rundle, A., Lovasi, G., Herbstman, J. The relationship between childhood obesity and neighborhood food ecology explored through the context of gentrification in New York City. *International Public Health Journal*. 2018;10(4):481-496.
- 196 Soffer N, Green BJ, Acosta L, Divjan A, Sobek E, Lemons AR, Rundle AG, Jacobson JS, Goldstein IF, Miller RL, Perzanowski MS. *Alternaria* is associated with asthma symptoms and exhaled NO among NYC children. *J Allergy Clin Immunol*. E-Pub ahead of print June 2018. In-print 2018 Oct;142(4):1366-1368.
- 195 Lovinsky-Desir, S., Lawrence, J., Jung, KH, Rundle, A., Hoepner, L., Yan, B., Perera, F., Perzanowski, M., Miller, R. Assessment of exposure to air pollution in children: Determining whether wearing a personal monitor affects physical activity. *Environmental Research*, 2018 Oct;166:340-343.
- 194 Tieu HV, Koblin BA, Latkin C, Curriero FC, Greene ER, Rundle A, Frye V. Neighborhood and Network Characteristics and the HIV Care Continuum among Gay, Bisexual, and Other Men Who Have Sex with Men. *J Urban Health*. E-pub ahead of print, May 2018.
- 193 Neslund-Dudas CM, McBride RB, Kandegedara A, Rybicki BA, Kryvenko ON, Chitale D, Gupta N, Williamson SR, Rogers CG, Cordon-Cardo C, Rundle AG, Levin AM, Dou QP, Mitra B. Association between cadmium and androgen receptor protein expression differs in prostate tumors of African American and European American men. *J Trace Elem Med Biol*. 2018 Jul;48:233-238.
- 192 Mooney SJ, Joshi S, Cerdá M, Kennedy GJ, Beard JR, Rundle AG. Longitudinal Physical Activity Patterns among Older Adults: a Latent Transition Analysis. *American Journal of Epidemiology*. E-pub ahead of press May 2018. In-Print 2018 Jul 1;187(7):1549-1558\*
- 191 Mooney, SJ., Bader, MDM., Lovasi, GS., Neckerman, KM., Rundle, AG., Teitler, JO. Using universal kriging to improve neighborhood physical disorder measurement. *Sociological Methods and Research*. E-Pub ahead of print May 2018.\*
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- 1 Perera, F.P., Estabrook, A., Hewer, A., Channing, K., Rundle, A., Mooney, L., Whyatt, R., Phillips, D.H. DNA damage from environmental carcinogens in human breast tissue. *Cancer Epidemiology, Biomarkers and Prevention*, Vol. 4, p233-238 April/May 1995.

Editorials and Chapters

6. Lovasi, G.S., Bader, M.D.M., Rundle, A., Neckerman, K.M. Healthy and Unhealthy Food Sources in NYC: Tracing the generation, evolution, and dissemination of policy-relevant research on the food environment. Case Study 1 in: Hiatt, R.A., ed. Population Health: The Translation of Research to Policy. Milbank Quarterly, 2018.
5. Rundle, A.G., Heymsfield, S., Designed for Health: Can Walkable Urban Design Play a Role in Reducing the Incidence of Obesity-Related Conditions? JAMA, 315(20), 2175-7, 2016.\*
4. Bader, MDM., Mooney, SJ., Rundle AG. Protecting Personally Identifiable Information when Using Online Geographic Tools for Public Health Research. American Journal of Public Health, E-pub ahead of print Feb 2016, in-print 106(2) 206-8, 2016.\*
3. Neckerman, K., Purciel, M., Quinn, J., Rundle, A. Urban Design Qualities in New York City. In Measuring Urban Design. Edited by Reid Ewing and Otto Clemente. Island Press, Washington, DC. 2013.
2. Rundle, A. Mechanisms Underlying the Effects of Physical Activity on Cancer. In Physical Activity, Dietary Calorie Restriction and Cancer. Edited by Anne McTiernan. Springer Science, New York. 2010.\*
1. Rundle, A., Ahsan, H., Molecular Epidemiologic Studies Nested within Cohorts. In Molecular Epidemiology of Chronic Disease. Edited by Wild, C., Vineis, P., Garte, S. John Wiley & Sons, Ltd, London. 2008.\*

#### Letters to the Editor

- 7 Mooney, S.J., Rundle, A. Response to invited commentary on Street Audits to Measure Neighborhood Physical Disorder: Virtual or In-person? American Journal of Epidemiology. Vol. 186(3):278-279, 2017.
- 6 Ratanatharathorn, A., Mooney, S.J., Rundle, A. Response to Neil Pearce's Analysis of Matched Case-control Studies. BMJ, 352:i969, Epub March 2016.
- 5 Lebwohl B, Blaser MJ, Ludvigsson JF, Green PH, Rundle A, Sonnenberg A, Genta RM. Am J Epidemiol. Authors reply re "Decreased risk of celiac disease in patients with helicobacteria pylori colonization" Epub ahead of print April3, 2014.
- 4 Cereijido, A, Richards, C., Rundle, A. Correspondence re: "The Joy of Cooking Too Much: 70 years of calorie increases in Classic Recipes". Annals of Internal Medicine, epub, September 2009\*.
- 3 Rundle, A., Neugut, AI. Correspondence re: "Hemodilution of Prostate Specific Levels Among Obese Men". Cancer Epidemiology Biomarkers & Prevention, Vol. 18, 2343-4, 2009\*.
- 2 Rundle, A., Correspondence re: "Bulky DNA adducts as risk indicators of lung cancer in a Danish case-cohort study". International Journal of Cancer, Vol 120, 214, 2006.\*

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- 1 Perera F., Rundle A. Correspondence re: Gammon et al, Environmental toxins and breast cancer on Long Island. I. Polycyclic aromatic hydrocarbon DNA adducts. 11, 677-685, 2002. Cancer Epidemiology Biomarkers & Prevention. Vol 1, 75 2003.

Other Media

Lay/Practitioner Publications

- 6 Rundle, A. The Quantified Impact of Business Travel on a Person's Health. Business Travel News, July 2018.
- 5 Rundle, A. Just How Bad Is Business Travel for Your Health? Here's the Data. Harvard Business Review Blog, June 2018.
- 4 Friedman, M., Rundle, A. Don't let frequent business travel ruin your health. CEO.COM, November 2014.
- 3 Rundle, A. Heed the Warnings of Your BMI. CNN.com Health Editorial, February 2013.
- 2 Lovasi, G.S., Rundle, A., Trees may help city kids breathe easy. Prepared for Treeline, a quarterly publication of the International Society of Arboriculture, 2008.
- 1 Rundle, A. Adapting molecular epidemiologic approaches to the study of physical activity and cancer. American College of Sports Medicine's Certified News. Vol 17, 7-9.\*

Illustrations

2. Figures 2.5, 4.5 and 7.1 in What's the Risk? A Guide to Environmental Health Hazards. Goldstein, I., and Goldstein, M., Oxford University Press, 2001.
1. Figure 1. in Perera, F., Environmental Cancer: Who are Susceptible? Science, Vol 278, p1068-1073, 1997.

Video and Video Art Installation

- 12 Rundle, A., 2020AD: A pandemic Film Project. Digital Video. Columbia University and Rutgers University, 2020 & 2021.  
<https://blogs.cuit.columbia.edu/agr3/>
- 11 Rundle, A. Development of air spaces in the human lung. Digital video. Thoracic Society Annual Meeting 2009.
- 10 Cerejido, F., Rundle, A., Travel by Milk: Tijuana. Video installation. Shown as part of Al DF en Leche, at Universidad Del Claustro De Sor Juana, Mexico City 2009.
- 9 Rundle, A., Cerejido, F. Sumo Y Leche. Shown as part of Al Df en Leche, at Universidad Del Claustro De Sor Juana, Mexico City 2009.\*
- 8 Rundle, A., Cerejido, F. Sumo Y Leche. Shown as part of Renmora at M&A (Materials and Applications), Los Angeles, California, 2008.\*
- 7 Cerejido, F., Rundle, A., Travel by Milk: Detroit. Video installation. Group show at 555 Gallery, Detroit, Michigan, 2006.

- 6 Cereijido, F., Rundle, A., Travel by Milk: Tijuana. Video installation. Permanent collection of the La Jolla Museum of Contemporary Art, 2006.
- 5 Rundle, A., Cereijido, F. Vectors of Fate. Video shown on Public Television, Buenos Aires, 2005.
- 4 Cereijido, F., Rundle, A. Mahler Y Leche. Four Video Installations. Solo show at National University, School of Design and Architecture, Buenos Aires, 2004.
- 3 Cereijido, F., Rundle, A. Mahler Y Leche. Four Video Installations. Solo show at Centro Cultural Borges, Buenos Aires, 2003.
- 2 Rundle, A. Carcinogen and DNA Animation and Graphics for Bill Moyers Documentary, PBS, May 10th, 2002\*.
- 1 Rundle, A., Brandt-Rauf, P., P53 Wildtype-Mutant Protein Conformation Morph. A Sterio-scopic 3-Dimensional Film. Digital Video. Mailman School of Public Health, P8432 Environmental Epidemiology, 2001.

#### Public Release Data Sets

2. NYC Urban Tree Canopy Assessment Metrics 2010. New York City Open Data. <https://nycopendata.socrata.com/Environment/NYC-Urban-Tree-Canopy-Assessment-Metrics-2010/hnxz-kkn5>
1. New York City Neighborhood Walkability Scale 2010. New York City Department of Health and Mental Hygiene. Environment and Health Data Portal. <http://a816-dohbesp.nyc.gov/IndicatorPublic/PublicTracking.aspx>

#### Academic Blog/Web-sites

3. COVID-19 response web sites  
<https://tinyurl.com/beh-columbia-maps>  
<https://cuepi.shinyapps.io/COVID-19/>  
<https://msph.shinyapps.io/timemachine/>  
 Interactive web-based mapping and data visualization tools for visualizing projected COVID-19 cases, new infections, health care system capacity and surge response and populations at high risk for severe COVID-19. The tools were used as part of COVID-19 response by the Army Core of Engineers, US Air Force, the CDC, White House COVID-19 Task Force, numerous state and county governments and corporations.
2. BEH.Columbia.edu The blog and web –site for the Built Environment and Health research team at Columbia University.
1. SocialEpidemiology.net The blog and web-site for the Social and Spatial Epidemiology Unit at the Department of Epidemiology, Mailman School of Public Health. The blog has associated Facebook, Twitter, LinkedIn and Spotify pages to disseminate and communicate the work of faculty associated with the Cluster.

#### **Invited and/or Peer-Selected Presentations at International, National and Regional Levels**

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International

18. Building and Thinking at Healthy Scales: Neighborhood Design. The Building the Future of Health Conference, Groningen, Holland, June 2016
17. Beating the Stress of the City: Urban Design to Support Physical Activity. German House for Research and Innovation, German Consulate, New York NY, Nov 2015
16. Urban Design and Neighborhood Effects on Health. Studio-X Rio, Rio De Janeiro, Brazil, March 2014.
15. Prenatal Exposures to Polycyclic Aromatic Hydrocarbons and Di-(2-ethylhexyl)-Phthalate and Body Size in Childhood. International Society of Environmental Epidemiology, Annual Meeting 2013. Basel, Switzerland, August 2013.
14. Using Biomarkers in Nested Case-Control and Case-Cohort Studies. Imperial College, London, England, October 2009.
13. Advanced Epidemiologic Study Design. Molecular Epidemiology Workshop, Shanghai Centers for Disease Control, Shanghai, China, December 2008.
12. Analyses of Case-Only Study Designs. Shanghai Medical School, Shanghai, China, December 2007.
11. Urban Design, Sprawl and Body Size Among Residents of New York City. International Forum on Public Health, Shanghai, China, December 2007.
10. Analyses of Physical Activity, Biomarkers and Lung Cancer Risk Among Non- and Ex-smokers in EPIC. Imperial College, London, England, April 2007
9. Design Options for Biomarker Studies within Large Cohort Studies. Imperial College of London. London, England, November 2004.
8. Molecular Epidemiology of Physical Activity and Cancer. Imperial College of London. London, England, November 2004.
7. Molecular Epidemiology: Theory and Examples from Breast Cancer. Hospital Italiano de Buenos Aires. Buenos Aires, Argentina. April 2004.
6. Advanced Statistical Analyses. International Graduate School of Genetic and Molecular Epidemiology. Karolinska Institute, Stockholm, Sweden. March 2004
5. Advanced Study Design. International Graduate School of Genetic and Molecular Epidemiology. Karolinska Institute, Stockholm, Sweden. March 2004
4. Physical Activity, Blood Glutathione and Lung Cancer. GEN-AIR VII Investigators Meeting, European Prospective Investigation of Cancer, International Agency for Research on Cancer. Torino, Italy, December 2003.
3. Misclassification and Sample Size. Sixth International Course of Molecular Epidemiology. Torino, Italy. December 2003.
2. Gene-Environment Interactions. Sixth International Course of Molecular Epidemiology. Torino, Italy. December 2003.

1. Primer on Epidemiology for laboratory scientists. Sixth International Course of Molecular Epidemiology. Torino, Italy. December 2003.

#### National

37. Case Studies in Urban Health Informatics: The Urban Forest and Health. Epidemiology Doctoral Student Distinguished Lecture at Rutgers School of Public Health. Department of Epidemiology, Feb 2021.
36. Using Urban Health Informatics to Understand Links Between Neighborhood Built Environments and Health. UCLA, Department of Epidemiology, Department Seminar, Dec 2020.
35. Keeping Employees Healthy, Safe and Engaged, UIDP, national webinar, Oct 2020.
34. RETURN TO WORK: Planning a safe return to work in a COVID-19 World. International SOS, national webinar, July 2020.
33. Creating Longitudinal Measures of Neighborhood Change to Support Causal Inference for Neighborhood Health Effects Studies. Society for Prevention Research, 2020 Annual Meeting, July 2020.
32. Keeping You and your Family Safe in Turbulent Times: An Expert Panel on COVID-19. John Carroll University, Boler College of Business. National webinar, April 2020.
31. COVID-19 What's Next? Helping Americans Return to Work Safely. EHE Health, national webinar, April 2020
30. Research to Support Health Integration and Institutionalization in Transportation Agency Processes and Decisions. Plenary speaker, 2019 Conference on Health and Active Transportation, Transportation Research Board, National Academy of Sciences, Engineering and Medicine, Washington DC, Dec 2019
29. Business Travel and Mental and Behavioral Health, International Corporate Health Leadership Council, 2019 Annual Meeting, Anaheim, CA, April 2019.
28. Obesity, Physical Activity and Obesity Prevention. Cadwalader, Wickersham & Taft, New York, NY and streamed nationally, Nov 2018
27. Health and Health Behaviors Among Business Travelers. Annual meeting of the Society for Collegiate Travel & Expense Management. Austin TX, September 2018.
26. Urban Informatics: Studying How Urban Design Influences Obesity, Physical Activity and Cancer. Key Note Speech, 2017 Karmanos Cancer Institute, Population Studies and Disparities Research Program Annual Retreat, "Eliminating Disparities in Cancer Survivorship Through Cohort-Based Research", Detroit, MI, Oct 2017.
25. The Reciprocal Dynamics of Health within Married Couples. HEROForum Conference 2016. Atlanta, GA, Sept 2016.

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24. Did you mean to give your patient's address to Hooli.com? Privacy concerns when using online spatial tools for research. Conference on Geospatial Approaches to Cancer Control and Population Sciences. National Cancer Institute. Bethesda MA, Sept 2016.
23. Design of our Daily Lives. Partnership for Healthier America, Building a Healthier Future Summit, Washington, DC, May 2016.
22. Exposures to Polycyclic Aromatic Hydrocarbons and Childhood Growth Trajectories and Body Composition: Linkages to Disrupted Self-Regulatory Processes. NIEHS/EPA Children's Centers Webinar, Jan 2016.
21. The Obesity Epidemic: A Focus on Prevention. World Economic Forum, Global Leadership Fellows Programme, Wharton School of Business, Philadelphia, PA, July 2015.
20. Neighborhood Influences on Health: New York City and Rio das Pedras. American Institute of Architects Design and Health Research Consortium Meeting, Robert Wood Johnson Foundation Headquarters, Princeton Junction, NJ, March 2015.
19. Prenatal Exposures to Polycyclic Aromatic Hydrocarbons (PAH) and Childhood BMI Trajectories. NIEHS/EPA Webinar Series, Feb 2015.
18. How Prenatal Exposure to Air Pollutants and Phthalates May Affect a Child's Body Size. EPA/NIEHS Children's Centers 2013 Webinar Series, December 2013.
17. The Role of Neighborhood Characteristics on Health-Related Outcomes in Older Adults: Findings from the Health and Retirement Survey and the UAB Study of Aging. Invited Discussant. The Gerontological Society of American Annual Meeting. New Orleans, November 2013.
16. Residential Neighborhood Walkability and Physical Activity in New York City: Using GPS to Understand Neighborhoods. University of Washington, School of Public Health, Seattle, WA, April 2013.
15. Neighborhood Park Access and Quality and Body Mass Index in New York City, Active Living Research Annual Conference, San Diego, CA, Feb 2013.
14. Childhood Obesity and Prenatal Exposures to Environmental Pollutants. Keystone Mini-symposium on Childhood Obesity and the Environment, NIEHS, Research Triangle Park, NC, Nov 2012.
13. Neighborhood walkability and physical activity and obesity: Translating research into action. National Organization of City Transportation Officials annual meeting, New York City, NY, Oct 2012.
12. Multi-level Approaches to the Study of Endocrine Disrupting Pollutants and Childhood Obesity. University of Massachusetts Amherst, Amherst, MA February 2012.



11. Prenatal Exposure to Polycyclic Aromatic Hydrocarbons and Childhood Obesity. University of Illinois at Chicago School of Public Health, Chicago, IL October 2011.
10. Nested Case-Control and Case-Cohort Study Design and the use of Biomarkers. Henry Ford Health System, Detroit, MI. March 2011.
9. Neighborhood Built and Social Environments and Health: Moving beyond census variables to describe contexts. Henry Ford Health System, Detroit, MI. March 2011.
8. Aspirations for Healthy Food Among Hispanic Immigrants: The NYC Experience. Shopping for Health Conference, University of Washington, Seattle, WA, May 2010.
7. Using Google Street View to Implement Community Audit Tools: The Pedestrian Environment Data Scan. Active Living Research Conference, San Diego, February 2010.
6. Obesity and neighborhood built and social environments: Chinese boxes and eco-epidemiology. Moores Comprehensive Cancer Center, San Diego, March 2009.
5. Built and Social Characteristics of Neighborhoods and Body Size Among Residents of New York City. University of North Carolina, Chapel Hill, North Carolina, March 2007
4. The urban built environment and obesity in New York City: A multilevel analysis. Robert Wood Johnson Active Living Research Conference Plenary Session, San Diego, California, April 2006.
3. Physical Activity and Obesity Research: an Urban Perspective. Henry Ford Cancer Center, Detroit, Michigan, October 2005.
2. Physical Activity and Obesity Research: an Urban Perspective. Department of Epidemiology, University of Michigan, Michigan, October 2005.
1. The Urban Environment: Physical Activity & Obesity - Just how much of a risk for cancer? American Cancer Society, National Minority Cancer Awareness Week, April 2005.

#### Regional

48. Using Data Science to Fight the Pandemic (632 Days Since I Became a Corona Virus Epidemiologist), International House, Dec 2021
47. Academics as Consultants: managing the risks and rewards of a side hustle. Urban Health Collaborative, Drexel University, Oct 2021.
46. Update on the COVID-19 Epidemic and the Delta Variant. Justice Resource Institute. Lowell, MA, Aug 2021.
45. Mapping and Data Visualization to Combat COVID-19. Columbia University COVID-19 Virtual Symposium. New York, NY April 2020.

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44. Urban Health Informatics: Studying How Urban Design Influences Obesity, Physical Activity and Cancer. Rutgers Cancer Institute of New Jersey, Robert Wood Johnson Medical School, New Brunswick, NJ, Feb 2020.
43. Urban Health Informatics: Bringing Social and Spatial Data to Clinical Research and Practice. Department of Medicine Grand Rounds. Columbia University, Vagelos College of Physicians & Surgeons, Department of Medicine. New York, NY, Jan 2020
42. Childhood Obesity: An Epidemic of 1,000 Paper Cuts. Columbia University Alumni Association, Washington DC and Milken Institute School of Public Health, George Washington University. Washington DC, Dec 2019.
41. The Obesity Epidemic: Looking for Game Changers, Chronic Disease Seminars, Mailman School of Public Health, Columbia University, New York, NY Feb 2019.
40. Using Urban Health Informatics to Understand Links Between Neighborhood Built Environments and Health. Quantitative Methods in the Social Sciences, Institute for Social and Economic Research and Policy, Columbia University. New York NY, Nov 2018.
39. Exposures to Polycyclic Aromatic Hydrocarbons and Childhood Growth Trajectories. Irving Institute for Clinical and Translational Research, Integrating Special Populations (ISP) Seminar Series, Columbia University Medical Center, New York, NY, May 2018.
38. Using Urban Health Informatics to Understand Links Between Neighborhood Built Environments and Health. CUNY School of Medicine, The City College of New York, New York, NY, April 2018.
37. Using Urban Health Informatics to Understand Links Between Neighborhood Built Environments and Health. Yale School of Public Health, New Haven, CT. April 2018
36. Access to Healthy Food and Exercise: Is Your Neighborhood to Blame? New York University Langone Medical Center course "Dietary and Lifestyle Strategies for Cardiovascular Risk Reduction", New York University Langone Medical Center, New York, NY, May 2017.
35. Urban Informatics: Epidemiology and Public Health in a Data Intensive world. New York University, College of Global Public Health, New York NY, Fed 2017.
34. The Youth of Today: Prenatal and Childhood Origins of Adult Obesity. Mount Sinai School of Medicine, New York, NY, Dec 2016.
33. Urban Informatics: Studying How Urban Design Influences Health in New York City (and Beyond). New York University, Center for Urban Science+Progress, Brooklyn, NY, Dec 2016.
32. Measures of Neighborhood Physical Disorder from Google Street View. Fragile Families Summer Data Workshop 2016. Columbia Population Research Center. New York, NY, June 2016.

31. Using Google Street View to Assess Environmental Contributions to Pedestrian Injury. NYC Roadway Trauma Symposium, Bellevue Hospital Center, New York City, NY, March 2016.
30. Exposures to Polycyclic Aromatic Hydrocarbons and Childhood Growth Trajectories and Body Composition: Linkages to Disrupted Self-Regulatory Processes. Mount Sinai Medical School, New York City, NY, Jan 2016
29. The Dynamics of Health within Married Couples. EHE International, Inc. Annual Medical Retreat, New York City, NY. Jan 2016.
28. Neighborhood built environments and obesity and physical activity in New York City. Institute for Human Nutrition, Obesity Course, New York, NY, April 2015.
27. Why Focus on Pregnancy and Early Childhood? Plenary Talk, A SMART START: A Symposium on Preventing Childhood Obesity. Mailman School of Public Health, New York, NY, April 2015.
26. Prenatal Exposures to Polycyclic Aromatic Hydrocarbons in Air Pollution and Childhood Obesity, NY Obesity Research Center, New York, NY, April 2015
25. Neighborhood Urban Form and Physical Activity: What are neighborhoods and how do we use them? Conversations Around Public Health, Architecture, and Cities conference at Studio-X New York, New York NY, April 2014.
24. Food Environments, Diet and Obesity in New York City. NY State Department of Agriculture and Markets' Council on Food Policy, Albany, NY January 2014.
23. Recent Work on Food Environments in New York City: The Built Environment and Health Research Group. Hunter College Food Policy Forum. Hunter College, New York City, Oct 2103.
22. Childhood Obesity and Prenatal Exposures to Chemical Pollutants: A "Cells to Society" Research Perspective. New York University School of Medicine, Department of Population Health, New York City, NY, April 2013.
21. Turning the Tide on Obesity: Beyond Eating Less and Exercising More. Mailman School of Public Health Grand Rounds, New York, NY, March 2013.
20. Designing Cities to Fight Obesity. New York University, New York City, NY, May 2012.
19. Obesity, Exercise & Cancer. American Express, Wellness Lunch, New York, NY Jul 2011.
18. Prenatal Exposures to Endocrine Disruptors (with Drs. Perera and Oberfield). Pediatric Grand Rounds, Columbia University Medical Center, New York, NY October 2010.
17. The Hunger/Obesity Paradox. NYC Emergency Food Program Advocacy Conference. New York, NY, October 2010.
16. Using Google Street View to Measure Neighborhood Conditions (with Dr. Teitler). Best Practices and New Directions in Neighborhood Research Conference, Columbia University, New York, NY, October 2010.

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15. Neighborhood Social and Built Environments and Health. Million Trees NYC Research Symposium, New York NY, March 2010.
14. The Epidemic of Childhood Obesity: Individual, Environmental, and Social Causes. Child and Adolescent Psychiatry, Grand Rounds, Columbia University/ New York State Psychiatric Institute, New York, NY February 2010.
13. Neighborhood social and built environments and obesity in New York City. New York Academy of Medicine, New York City, September 2009.
12. Neighborhood Environment and Health. New York City Department of Health and Mental Hygiene Annual Staff Meeting, New York City, June 2008.
11. Obesity, Exercise & Cancer. NY Life, Employee Wellness Seminar, New York, NY Jan 2008.
10. Obesity, Exercise & Cancer. American Express, Wellness Forum, New York, NY Jan 2007.
9. Obesity, Exercise & Cancer. Metropolitan Transit Authority, Wellness Forum, New York, NY Nov 2006.
8. The Obesity Epidemic in New York City: Physical Activity in Kids and Obesity in Adults. Lehman College, New York, NY Sept 2006
7. Obesity and Prostate Cancer Prognosis and Survival. Roswell Park Cancer Institute. Buffalo, New York, July 2006
6. Weight gain upon entering college: The Freshman 15 (or more)? New York Institute of Technology. Old Westbury, New York, June 2006.
5. The built environment and body mass index in New York City. American Institute of Architecture, Fit City Conference, New York City, New York, May 2006.
4. The epidemic of overweight among New York City children: Research on physical activity and body size in Head Start. The 2005 Lucille N. Austin Lecture. Columbia University School of Social Work, New York, December 2005.
3. The Molecular Epidemiology of Physical Activity and Cancer. Albert Einstein School of Medicine, New York, March 2005.
2. Physical Activity and Obesity Research: an Urban Perspective. Mailman School of Public Health, Department of Epidemiology Seminar Series, February, 2005
1. A Molecular Epidemiologist's Journey: from Chemical Carcinogens to Physical Activity. Derald H. Rittenberg Cancer Center, Mount Sinai School of Medicine, Oct 2002.