

## Curriculum Vitae

### Dustin T. Duncan, ScD

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<http://www.med.nyu.edu/biosketch/duncad05> (faculty website)

<http://www.spatialepilab.org> (lab website)

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### Education

Year	Degree	Field	Institution
2005	BA	Psychology	Morehouse College
2007	Sc.M.	Community Health	Harvard T.H. Chan School of Public Health
2011	Sc.D.	Social Epidemiology	Harvard T.H. Chan School of Public Health
2013	Postdoctoral Training	Social Epidemiology	Harvard T.H. Chan School of Public Health

### Academic Appointments

2013 – Present  
Assistant Professor (Tenure Track)  
Section on Health Choice, Policy, and Evaluation  
Division of Health and Behavior  
Department of Population Health  
New York University School of Medicine

2013 – Present  
Director  
Spatial Epidemiology Lab  
Department of Population Health  
New York University School of Medicine

### Other Professional Positions and Visiting Appointments

2015 – Present  
Affiliated Research Scientist  
My Brother's Keeper, Inc., Jackson, MS  
Center for Research, Evaluation & Environmental and Policy Change

2013 – Present  
Visiting Scientist  
French National Institute of Health and Medical Research (INSERM), Paris, France  
Research Unit in Epidemiology, Information Systems, and Modeling (Unit 707)  
Research Team on Neighborhood Environments and Mobility: Effects on Social health Inequalities (NEMESIS)

2013 – Present  
Visiting Scientist

Harvard T.H. Chan School of Public Health, Boston, MA  
Department of Health Policy and Management

- 2011 – 2013  
Alonzo Smythe Yerby Postdoctoral Fellow  
Harvard T.H. Chan School of Public Health, Boston, MA  
Lung Cancer Disparities Center
- 2012  
Visiting Postdoctoral Fellow  
University of Oxford, Oxford, United Kingdom  
Department of Public Health  
British Heart Foundation Health Promotion Research Group
- 2008 – 2011  
Graduate Research Fellow  
Harvard T.H. Chan School of Public Health, Boston, MA  
Harvard Prevention Research Center on Nutrition and Physical Activity
- 2008 – 2011  
Pre-doctoral Investigator/ Summer Research Assistant  
Harvard T.H. Chan School of Public Health, Boston, MA  
Harvard Youth Violence Prevention Center
- 2007 – 2010  
Center Coordinator  
Harvard T.H. Chan School of Public Health, Boston, MA  
Center for Health Promotion
- 2005 – 2008  
Graduate Research Assistant  
Dana-Farber Cancer Institute, Boston, MA  
Division of Population Sciences  
Center for Community-Based Research
- 2006 – 2007  
Research/ Evaluation Intern  
Duquesne University School of Education, Pittsburgh, PA  
Department of Foundations and Leadership
- 2006  
Summer Intern  
Office of the Assistant Secretary for Planning and Evaluation (US-DHSS), Washington, DC  
Office of Health Policy  
Division of Public Health Services
- 2005 – 2006  
Visiting Research Fellow/ Summer Research Fellow  
National Institutes of Health (US-DHHS), Bethesda, MD  
National Institute on Aging  
Laboratory of Epidemiology, Demography, and Biometry
- 2003 – 2005  
Undergraduate Research Fellow

Morehouse School of Medicine, Atlanta, GA  
Social Epidemiology Research Center

- 2004 Summer Undergraduate Research Fellow  
Harvard School of Dental Medicine, Boston, MA  
Department of Oral Health Policy and Epidemiology
- 2003 Undergraduate Research Assistant  
Morehouse School of Medicine, Atlanta, GA  
Department of Psychiatry and Behavioral Sciences  
Minority Mental Health Research Program
- 2002 Summer Research Assistant  
Emory University Rollins School of Public Health, Atlanta, GA  
Department of Behavioral Sciences and Health Education
- 2001 Summer Government Aide  
Montgomery County, Maryland Department of Health and Human  
Services (DHHS), Rockville, MD  
Income Support Unit

### **Consulting and Business Experience**

- 2016 – Present Chief Executive Officer  
Duncan Develops LLC, New York, NY
- 2014 Research Consultant  
CVS Caremark Corporation, Woonsocket, RI
- 2009 Research Consultant  
Health Resources in Action, Inc., Boston, MA  
Research and Evaluation Department
- 2009 Research/ Evaluation Consultant  
Duquesne University School of Education, Pittsburgh, PA  
Department of Foundations and Leadership

### **Awards and Honors**

#### **Fellowships and Scholarships (Selected)**

- 2015- 2016 HIV Prevention Trials Network (HPTN) Scholars Program (support for a  
research project + conference travel support + other expenses)
- 2015- 2016 Program to Increase Diversity in Behavioral Medicine and Sleep  
Disorders Research (PRIDE, NHLBI-Funded), NYU Langone Medical  
Center
- 2015 AcademyHealth/Aetna Foundation Scholars in Residence Fellowship  
Program (\$15,000 to support a disparities research project + conference  
travel support)

2012	Academic Visitor Programme, British Heart Foundation Health Promotion Research Group, University of Oxford
2011- 2013	Alonzo Smythe Yerby Postdoctoral Fellowship, Harvard School of Public Health (\$62,000 salary + benefits, with a \$3,500 supplemental budget for travel expenses and research per year)
2010- 2011	Association of Schools of Public Health/ Centers for Disease Control and Prevention/ Prevention Research Center Minority Health Fellowship (\$23,095 stipend + \$6,000 fellowship allowance per year)
2009- 2010	Harvey V. Fineberg Fellowship in Cancer Prevention, Harvard School of Public Health (\$25,000 stipend)
2009- 2010	Julius B. Richmond Fellowship, Center on the Developing Child, Harvard University (\$10,000 stipend)
2009	Society for Public Health Education/ Centers for Disease Control and Prevention Student Fellowship in Child, Adolescent and School Health (\$1,500 stipend)
2007- 2009	National Institute of General Medical Sciences Initiative to Maximize Student Diversity (IMSD) Predoctoral Fellowship, Harvard School of Public Health (\$21,000 stipend per year + \$500 travel support per year)
2007- 2011	Presidential Scholarship (Doctoral Program), Harvard School of Public Health (full tuition)
2007	The C. Sylvia and Eddie C. Brown Community Health Scholarship, Johns Hopkins Bloomberg School of Public Health (PhD program full tuition + \$20,000 stipend per year + \$15,000 research award: Declined Funding)
2006- 2007	American Evaluation Association/ Duquesne University Graduate Education Diversity Internship Program (\$8,000 stipend + travel support)
2006- 2007	The Albert Schweitzer Fellowship (Boston Program) (\$2,000 stipend)
2006	National Institute on Aging Intramural Research Training Award (IRTA) Fellowship (\$2,200 monthly stipend)
2005- 2007	Presidential Scholarship (Master's Program), Harvard School of Public Health (full tuition)
2005	Bill Jenkins Graduate School Scholarship, Morehouse College (~\$500)
2005	National Institute on Aging MARC Scholar Summer Research Fellowship (\$5,130 stipend)
2004	Health Policy Summer Program, Harvard Medical School (\$2,500 stipend + free on-campus housing + \$500 for travel expenses)
2003- 2005	National Institute of General Medical Sciences MARC U*STAR Undergraduate Research Fellowship (partial tuition + \$10,224 stipend per year + travel allowance)
2003- 2005	National Institute of Mental Health-COR Undergraduate Research Fellowship (unfunded)
2003- 2005	Ronald E. McNair Post-Baccalaureate Achievement Program, Morehouse College (\$2,400 summer stipend + free campus room and board during summer program + GRE fee waiver)
2002	Federal Employee Education and Assistance Fund Scholarship (Washington DC Region) (\$1,000)

- 2001- 2005 The Rudolph W. Snowden Memorial Scholarship (four-time recipient: \$1,000 per year)
- 2001- 2005 Delta Sigma Theta Sorority, Inc. Montgomery County, Maryland Alumnae Chapter Scholarship (\$7,500 payable over four years)
- 2001 NAACP Montgomery County, Maryland Branch Freedom Fund Scholarship (\$1,000)

**Honors and Distinctions (Selected)**

- 2016- 2017 NIH Health Disparities Research Loan Repayment Program (LRP) Awardee (Second Renewal)
- 2015 Most Tweeted mHealth Paper (Krebs and Duncan, 2015)
- 2015 National Institutes of Health (NIH) Early Career Reviewer Program
- 2015 American Journal of Epidemiology/ SER – Reviewer of the Year (2014)
- 2015 International Journal of Environmental Research and Public Health Best Paper Award: 4th prize
- 2014- 2016 NIH Health Disparities Research Loan Repayment Program (LRP) Awardee (Renewal)
- 2013 The Obesity Society’s Pediatric Obesity Section Poster of Excellence Award
- 2013 National Institute on Drug Abuse (NIDA) Special Populations Research Development Seminar Series Workshop—Selected Participant (travel + lodging + per diem)
- 2013 Robert Wood Johnson Foundation’s New Connections Program Symposium at Princeton University—Selected Participant (travel award up to \$600 + lodging)
- 2012- 2014 NIH Health Disparities Research Loan Repayment Program (LRP) Awardee
- 2012 Commencement Speaker, 2012 Commencement for John F. Kennedy High School at D.A.R. Constitution Hall (Washington, DC)
- 2011 Student Travel Scholarship, First International Conference on Geospatial Geocoding (\$500)
- 2011 Future Directions in Spatial Demography Specialist Meeting—Selected Participant, Center for Spatial Sciences, University of California, Santa Barbara (travel award up to \$600 + lodging)
- 2011 Robert Wood Johnson Foundation’s New Connections Program Research and Coaching Clinic at the American Public Health Association Meeting—Selected Participant (travel award up to \$600 + lodging)
- 2011 Howard T. Fisher Prize for Excellence in Geographic Information Science, Center for Geographic Analysis, Harvard University (\$500)
- 2010 Institute for Quantitative Social Science Travel Award, Harvard University (\$250)
- 2010 Department of Society, Human Development, and Health Travel Award, HSPH (\$250)
- 2009- 2011 Active Living Research Dissertation Award, Robert Wood Johnson Foundation (\$20,768)
- 2008 Who’s Who in America

2007	American Evaluation Association Type II Student Travel Award (up to \$500)
2006	The Chancellor's List
2005	BA Degree <i>Magna Cum Laude</i> , Morehouse College
2005	Departmental Honors, Department of Psychology, Morehouse College
2005	Phi Beta Kappa Honors Society, Morehouse College
2005	Top Ronald E. McNair Post-Baccalaureate Achievement Program Scholar of the Year, Morehouse College (awarded to one student annually)
2005	Top Ranking Senior Award, Department of Psychology, Morehouse College (awarded to one student annually)
2005	Mapp Award for Outstanding Achievement in Research (Psychology), Division of Science and Mathematics, Morehouse College
2004	3 <sup>rd</sup> Place Winner in the Oral Presentations: Annual Frederick E. Mapp Science and Mathematics Symposium, Atlanta, GA
2004	Golden Key International Honour Society
2003	Psi Chi (The National Honor Society in Psychology)
2002	The National Society of Collegiate Scholars
2001- 2005	Dean's List, Morehouse College/ The National Dean's List

### Major Committee Assignments

#### International, National and Regional

2017	<b>Grant Reviewer</b> , NIH Special Emphasis Panel ZRG1 N(51)
2017	<b>Abstract Reviewer</b> , 2017 New York City Epidemiology Forum
10/16- 2/17	<b>Member</b> , Scientific Committee, New York City Epidemiology Forum
9/16- Present	<b>Faculty</b> , Social & Behavioral Determinants of Health Section, F1000Prime
6/16	<b>Invited Moderator</b> , Measuring Access: The Intersection of Data, Equity, and Infrastructure Panel, FitCity 2016: Promoting Healthy Living Through Design
3/16	<b>Invited Participant</b> , Public Health 3.0 Data Metrics and Predictive Modeling Roundtable Meeting, U.S. Department of Health and Human Services, Washington, DC.
3/16	<b>Invited Panelist</b> , Navigating Faculty Career Path Panel, University of Michigan School of Public Health Center for Integrative Approaches to Health Disparities- Jackson Heart Study Symposium, Jackson, MS.
2016	<b>Grant Reviewer</b> , NIH Social Sciences and Population Studies Study Section A
2016	<b>Abstract Reviewer</b> , 2016 Health Disparities Symposium, New York University Langone Medical Center
2016	<b>Grant Reviewer</b> , Swiss National Science Foundation
2016	<b>Grant Reviewer</b> , NYU Center for Healthcare Innovation and Delivery Science
11/15- Present	<b>Member</b> , Black Caucus, HIV Prevention Trials Network (HPTN)
6/15- Present	<b>Member</b> , MSM Scientific Committee, HIV Prevention Trials Network (HPTN)

5/15 **Distinguished Co-Presenter**, Annual Building the Next Generation of Academic Physicians Northeast Regional Academic Medicine Career Development Conference (Workshop titled "Research Scholarship")

5/15 **Career Consultant**, LGBT Health Workforce Conference (Workshop titled "How to Get Involved in LGBT-Related Research")

4/15 **Invited Participant**, LGBTQ Scholars of Color Conference

2015 **Abstract Reviewer**, 2015 Health Disparities Symposium, New York University Langone Medical Center

2015 **Abstract Reviewer**, 2015 American Public Health Association Annual Conference

2015 **Grant Reviewer**, NIH Social Sciences and Population Studies Study Section A

2015 **Grant Reviewer**, Aetna Foundation

7/14- Present **Faculty Advisor** to Associate Editor, *Journal of Young Investigators* (www.jyi.org)

6/14- 2/15 **Invited Member**, 2015 Annual Conference Program Committee, Active Living Research, Robert Wood Johnson Foundation

4/14 **Presentation Judge**, Annual Atlanta University Center Psychology Research Day Conference

2014 **Abstract Reviewer**, 2015 Active Living Research Annual Conference, Robert Wood Johnson Foundation

2014- 2015 **Grant Reviewer**, Ontario Mental Health Foundation

2014 **Grant Reviewer**, European Research Council

2013 **Abstract Reviewer**, 2014 Active Living Research Annual Conference, Robert Wood Johnson Foundation

2013 **Grant Reviewer**, United States-Israel Binational Science Foundation

6/12- 7/13 **Invited Member**, Local Organizing Committee, 2013 Spatial Econometrics Association World Conference in Washington DC

2011 **Abstract Reviewer**, 2012 Active Living Research Annual Conference, Robert Wood Johnson Foundation

3/10- 2/11 **Invited Member**, 2011 Annual Conference Program Committee, Active Living Research, Robert Wood Johnson Foundation

2010 **Abstract Reviewer**, 2011 Active Living Research Annual Conference, Robert Wood Johnson Foundation

9/08- 7/10 **Member**, Interdisciplinary Consortium on Urban Planning and Public Health

11/07 **Session Chair**, Annual American Evaluation Association Meeting, Baltimore, MD.

6/06 **Selected Participant**, McKinsey & Company's Discovery Weekend

10/04 **Session Moderator**, Annual Ronald E. McNair Scholars National Research Conference. Delevan, WI.

8/03- 5/05 **Member**, Atlanta University Center Public Health Careers Society

5/03- 5/04 **Treasurer**, Psi Chi Executive Board, Morehouse College

9/01- 5/02 **Secretary**, William J. White Hall Dorm Council, Morehouse College

**Harvard University**

11/16- Present	<b>President</b> , Harvard T.H. Chan School of Public Health New York City Alumni Chapter
6/13- 6/14	<b>Invited Member</b> , External Advisory Board, National Institute of General Medical Sciences Initiative to Maximize Student Diversity (IMSD)
9/10- 5/11	Predoctoral Fellowship, Harvard School of Public Health <b>Selected Member</b> , Student Advisory Committee, Office of Diversity, HSPH
8/10	<b>Invited Panelist</b> , “Get Ready: A Brief Seminar for Teaching Assistants”, Office for Educational Programs, HSPH
4/10- 8/13	<b>Member</b> , ABCD-GIS Working Group, Harvard University
3/10- 5/11	<b>Co-Founder/ President</b> , Spatial Analysis Methods Student Working Group, HSPH
2/10- 5/11	<b>Graduate Student Affiliate</b> , Institute for Quantitative Social Science, Harvard University
9/09- 5/10	<b>Student Ambassador</b> , Office of Diversity, HSPH
10/08- 10/09	<b>Member</b> , Public Health, Innovation and Technology Student Forum, HSPH
6/06- 5/11	<b>Recruiter</b> , HSPH
2/06- 6/07	<b>Student Member</b> , Master’s Committee, Department of Society, Human Development, and Health, HSPH
9/05- 5/11	<b>Member</b> , Queer Student Alliance, HSPH
9/05- 5/11	<b>Member</b> , Black Student Health Organization, HSPH
9/05- 5/06	<b>Departmental Representative</b> , Student Government Association, HSPH
<b>New York University</b>	
6/13- Present	<b>Faculty Affiliate</b> , NYU Abu Dhabi
6/13- Present	<b>Faculty Affiliate</b> , NYU College of Global Public Health
6/13- Present	<b>Faculty Affiliate</b> , NYU Population Center
6/13- Present	<b>Faculty Affiliate</b> , NYU Center for Data Science
6/13- Present	<b>Faculty Affiliate</b> , NYU Center for Health, Identity, Behavior & Prevention Studies
6/13- Present	<b>Faculty Affiliate</b> , NYU Center for Drug Use and HIV Research
6/13- Present	<b>Faculty Affiliate</b> , NYU SOM, Division of Infectious Diseases and Immunology, Fellowship in Infectious Diseases and Immunology
2/17- Present	<b>Faculty Advisor</b> , Pre-Health Studies Students, NYU Abu Dhabi
2/17	<b>Lecturer</b> (on “Methods for Studying Neighborhood Characteristics”), Sample Courses (Connecting Neighborhoods and Health), Candidate Weekend, NYU Abu Dhabi
8/14- Present	<b>Member</b> , Doctoral Advisory Committee, College of Global Public Health, NYU
6/16- 9/16	<b>Faculty Advisor</b> , Ethiopia Spatial Epidemiology Research Project, NYU Abu Dhabi
6/14- 5/16	<b>Faculty Affiliate</b> , Broome Street Residential College, Office of Residential Life and Housing Services, NYU
6/14	<b>Invited Panelist</b> , “How neighborhoods and communities may influence health and health behaviors” Panel, Institute of Human Development and Social Change (IHSDSC) Health Conference: Contextual Influences on



- Health, NYU
- 4/14- Present **Faculty Mentee**, Mentoring Program for Diverse Faculty, NYU  
2/14 **Invited Speaker** (on “Introduction to Research”), Health Educator Awareness and Leadership Training Honors Program (H.E.A.L.T.H Program), NYU
- New York University School of Medicine**
- 4/16 **Invited Panelist**, Re-visit, Office of Diversity Affairs, NYU School of Medicine
- 7/15 **Invited Speaker** (on “LGBT Health Disparities: What’s Neighborhood Got To Do With It?”), New York State Science & Technology Entry Program (STEP) Scholars Program, NYU School of Medicine
- 2/15- 5/15 **Selected Participant**, CTSI/TREC Mentor Development Program, NYU Langone Medical Center
- 1/15- Present **Invited Member**, Community Engagement and Population Health Research Faculty Steering Committee, NYU-HHC Clinical and Translational Science Institute
- 1/15 **Facilitator**, Journal Club on Neighborhoods and LGBT Health Disparities, Health Disparities (Graduate Course), NYU School of Medicine
- 7/14- Present **Invited Member**, Health Disparities Symposium Planning Committee, NYU School of Medicine
- 7/14 **Invited Speaker** (on “Introduction to Research in Population Health and Health Disparities”), Health Disparities Summer Research Fellowship, NYU School of Medicine
- 3/14- 8/14 **Research Mentor**, Substance Abuse Research Education and Training (SARET) Program, NYU School of Medicine
- 1/14- Present **Member**, LGBT Council, NYU Langone Medical Center  
10/13 **Invited Facilitator**, Works-in-Progress Meeting, Health Disparities Concentration, NYU School of Medicine
- 7/13 **Invited Facilitator**, Works-in-Progress Meeting, Health Disparities Summer Research Fellowship, NYU School of Medicine
- Department of Population Health**
- 10/16- Present **Member**, Space Committee, Translational Research Building 227 East 30<sup>th</sup> Street to 180 Madison Avenue
- 4/15 **Invited Panelist**, Finding and Negotiating a Faculty Position, Postdoctoral Fellows Association, *Department of Population Health*, NYU School of Medicine
- 3/15- Present **Member**, Communications Advisory Group, *Department of Population Health*, NYU School of Medicine
- 12/14- Present **Core Faculty**, Health Geographics Research Initiative, *Department of Population Health*, NYU School of Medicine
- 12/14 **Invited Panelist**, How to Network Panel, Postdoctoral Fellows Association, *Department of Population Health*, NYU School of Medicine
- 11/14- Present **Member**, Division of Health and Behavior Workgroup on Race, *Department of Population Health*, NYU School of Medicine

- 10/14- 4/15      **Member**, Post-Doctoral Fellow Search Committee, Section on Health Choice, Policy and Evaluation, *Department of Population Health*, NYU School of Medicine
- 7/14- Present      **Co-Coordinator**, Outstanding Student Achievement in Population Health Research Award, *Department of Population Health*, NYU School of Medicine
- 7/14- Present      **Invited Member**, ‘Actual Lives Data’ Workgroup, *Department of Population Health*, NYU School of Medicine

**Memberships, Offices, and Committee Assignments in Professional Societies**

- 2017- Present      Interdisciplinary Association of Population Health Science
- 2016- Present      International AIDS Society
- 2011- Present      American Association of Geographers
- 2011- Present      Society for Epidemiologic Research
- 2010- Present      Population Association of America
- 2009- Present      American Public Health Association

**Editorial Positions**

- 2016- Present      **Editorial Board**, *AIMS Public Health*
- 2016- Present      **Associate Reviewer**, *American Journal of Health Promotion*
- 2015- Present      **Editorial Board**, *Geospatial Health*
- 2015- Present      **Associate Editor**, *Behavioral Medicine*
- 2014- Present      **Editorial Board**, *Spatial Demography*
- 2012- 2014      **Managing Editor**, *Spatial Demography*
- 2009- 2010      **Contributing Editor**, *Harvard Journal of African American Public Policy*
- 2004- 2006      **Associate Editor**, *Journal of Young Investigators*  
Research Department, Psychology and Social Sciences Division, and Biological and Biomedical Sciences Division

**Manuscript Reviewer (\*Last 2-3 years) (Number of times in parentheses if > 1)**

- Acta Paediatrica* (2)
- Addiction*\*
- American Journal of Epidemiology*\* (6)
- American Journal of Health Promotion*
- American Journal of Preventive Medicine*\* (9)
- American Journal of Public Health*\* (3)
- Annals of Behavioral Medicine*
- Annals of Epidemiology*\* (2)
- Annals of Internal Medicine*\*
- BMC Public Health* (3)
- Childhood Obesity* (3)
- Culture, Health and Sexuality*\*
- Disability and Health Journal*\* (3)
- Ethnicity & Disease* (3)
- Evaluation and Program Planning* (2)

*Geoinformatics and Geostatistics*  
*Geospatial Health\** (10)  
*Harvard Journal of African American Public Policy* (2)  
*Health and Place\**  
*Health Reports\**  
*International Journal of Behavioral Nutrition and Physical Activity* (2)  
*International Journal for Equity in Health* (2)  
*International Journal of Health Geographics\** (5)  
*Journal of Adolescence*  
*Journal of Counseling and Clinical Psychology\**  
*Journal of Epidemiology and Community Health* (2)  
*Journal of Homosexuality*  
*Journal of Hunger and Environmental Nutrition\** (3)  
*Journal of Maps\**  
*Journal of the National Medical Association* (2)  
*Journal of Physical Activity and Health*  
*Journal of Research in Crime and Delinquency*  
*Journal of Urbanism*  
*Journal of Urban Health\** (2)  
*Journal of Young Investigators* (5)  
*LGBT Health\**  
*Nicotine and Tobacco Research* (2)  
*Pediatrics*  
*PLOS ONE* (2)  
*Preventing Chronic Disease* (2)  
*Preventive Medicine*  
*Preventive Medicine Reports\**  
*Sleep Health\**  
*Social Psychiatry and Psychiatric Epidemiology\** (2)  
*Social Science and Medicine\** (5)  
*Spatial and Spatio-temporal Epidemiology\** (3)  
*Spatial Demography\** (3)

### **Teaching Interests**

Research Methods  
Population Health/ Public Health/ Urban Health  
Epidemiology/ Epidemiologic Methods  
Social Epidemiology/ Society and Health  
Spatial Epidemiology/ Neighborhoods and Health/ Health Geography  
Geographic Information Systems for Public Health and Epidemiology  
Geospatial Technologies in Public Health and Epidemiology  
Social Demography/ Health Demography/ Spatial Demography  
Community Needs Assessment/ Community Intervention Research and Evaluation  
Minority Health and Health Disparities  
LGBT Health Disparities and the Health of Vulnerable Populations  
Men's Health

Gay Men's Health  
Gay Sex and Sexuality in the 21<sup>st</sup> Century  
Sexual Health and Health Promotion  
Infectious Disease Epidemiology and HIV Epidemiology  
Stress: From Biology to Society  
Assessing Intersectionality in Population Health Research/ Intersectionality and Health

## Teaching Experience

### Full Courses (Instructor/ Teaching Assistant)

Spring 2017 **New York University Abu Dhabi**  
Division of Social Science, Abu Dhabi, United Arab Emirates  
**Social Dimensions of Health** (Undergraduate)

January 2016- 2017 **New York University Abu Dhabi**  
Division of Social Science, Abu Dhabi, United Arab Emirates  
**Connecting Neighborhoods and Health: An Introduction to Spatial Epidemiology** (Undergraduate)

Summer 2015- 2017 **Columbia University Mailman School of Public Health**  
Epidemiology and Population Health Summer Institute, New York, NY  
**Assessing Neighborhoods in Epidemiology** (Graduate)

Spring 2010- 2011 **Harvard T.H. Chan School of Public Health**  
Department of Global Health and Population, Boston, MA  
**Introduction to Spatial Methods for Public Health** (Graduate)

Spring 2009 **Harvard T.H. Chan School of Public Health**  
Department of Society, Human Development, and Health, Boston, MA  
**High Risk Behavior: Epidemiology & Prevention Strategies** (Graduate)

Fall 2007- 2008 **Harvard T.H. Chan School of Public Health**  
Department of Society, Human Development, and Health, Boston, MA  
**Program Planning: Design and Evaluation** (Graduate)

Summer 2008 **Harvard T.H. Chan School of Public Health**  
Department of Society, Human Development, and Health, Boston, MA  
**Society and Health** (Graduate)

### Guest Lectures

Spring 2017 **University of Chicago School of Medicine, Chicago, IL**  
**Infectious Disease Epidemiology, Networks and Modeling** (Graduate):  
Dr. John Schneider  
"The Spatial Epidemiology of HIV." (planned)

- Spring 2017 **New York University College of Global Public Health**, New York, NY  
**Environmental Health in a Global World** (Undergraduate): Dr. Andrea Silverman  
“The Built Environment and Population Health”.
- January 2017 **New York University College of Global Public Health**, Abu Dhabi, United Arab Emirates  
**Global Issues in Public Health Nutrition: Obesity and Diabetes in the United Arab Emirates** (Graduate): Dr. Niyati Parekh  
“The Built Environment, Obesity and Diabetes in a Global World”.
- Fall 2016, Spring 2017 **New York University College of Global Public Health**, New York, NY  
**Environmental Health in a Global World** (Undergraduate): Dr. Leonardo Trasande  
“The Built Environment and Population Health”.
- Fall 2016 **Columbia University Mailman School of Public Health**, New York, NY  
Department of Population and Family Health  
**Current Issues in Sexual and Reproductive Health** (Graduate): Dr. Rafael E. Pérez-Figueroa  
“Social Epidemiology of LGBT Health Disparities.” (with William Goedel)
- Spring 2016 **New York University School of Medicine**, New York, NY  
**Primary Care Internal Medicine Residency Program – Health Policy Block** (Post-Graduate): Dr. Mack Lipton  
“Connecting Neighborhoods and Health: Health Policy is Beyond Health Care Policy.”
- Spring 2016 **New York University School of Medicine**, New York, NY  
**Primary Care Internal Medicine Residency Program – Community and Home Care Block** (Post-Graduate): Dr. Mack Lipton  
“Connecting Neighborhoods and Health.”  
“Methods for Understanding Neighborhood Characteristics.”
- Spring 2016 **New York University Wagner School of Public Service**, New York, NY  
**Public Policy and Obesity Research** (Undergraduate): Dr. Brian Elbel  
“Built Environments and Obesity Policy.”
- Spring 2016 **New York University College of Global Public Health**, New York, NY  
**Dissertation Seminar** (Graduate): Dr. Perry Halkitis  
Dissertation Panel

- Fall 2015 **George Mason University**  
Department of Global and Community Health, Fairfax, VA  
**Social Epidemiology** (Undergraduate): Dr. Jhumka Gupta  
“The Built Environment and Population Health”.
- Fall 2015 **New York University College of Global Public Health**, New York, NY  
**Doctoral Student Colloquium** (Graduate): Dr. Bernadette Boden-Albala  
“Perceived Spatial Stigma, Body Mass Index and Blood Pressure: A GPS Study among Low-Income Housing Residents in New York City.”
- Spring 2015, 2016 **New York University School of Medicine**, New York, NY  
**Practice of Medicine** (Graduate): Dr. Ann Danoff  
“Neighborhood Food Environment and Population Health: A Focus on Diabetes”.  
“Neighborhood (Food) Environment and Diabetes”.
- Spring 2015, 2016 **New York University School of Medicine**, New York, NY  
**Population Health Selective** (Graduate): Dr. Jessica Athens/ Dr. Kelly Kyanko  
“Neighborhoods and Population Health” (2015).  
“Health is 0 Feet Away: Geosocial Networking Smartphone Application Use Among Men Who Have Sex with Men” (2016).
- Spring 2015 **New York University Global Institute of Public Health**, New York, NY  
**Health and Society in a Global Context** (Undergraduate): Dr. Marie 1 Bragg  
“Neighborhoods and Population Health”.
- Fall 2014, Spring 2015 **New York University Steinhardt School of Culture, Education and**  
Fall 2015, Spring 2016 **Human Development**  
Department of Nutrition, Food Studies and Public Health, New York, NY  
**Environmental Health, Social Movements and Public Policy**  
(Undergraduate): Dr. Leonardo Trasande  
“The Built Environment and Population Health”.
- Fall 2014 **New York University School of Medicine**, New York, NY  
**Health Disparities** (Graduate): Dr. Rhonda Acholonu/ Ms. Allison Avery  
“Neighborhoods and Health Disparities”.
- Spring 2014, 2015 **New York University School of Medicine**, New York, NY  
**Healthcare System Innovation and Health Policy** (Graduate): Dr. Mark Schwartz/ Ms. Molly Somberg  
“Neighborhoods and Population Health: Implications for Health and Social Policy”.

- Spring 2014      **New York University Steinhardt School of Culture, Education and Human Development**  
Department of Nutrition, Food Studies and Public Health, New York, NY  
**LGBT Health Disparities** (Graduate): Dr. Rafael E. Pérez-Figueroa  
“Neighborhoods and LGBT Health Disparities”.
- Spring 2012, 2013      **Harvard Extension School, Cambridge, MA**  
**Geographic Communication Today** (Graduate): Mr. Jeffrey Blossom  
“Communicating Geographies in Public Health and Epidemiology”  
(2012).  
“Neighborhoods and Disparities in Boston Youth Health: A GIS Approach” (2013).
- Spring 2011      **Harvard T.H. Chan School of Public Health**  
Department of Global Health and Population, Boston, MA  
**Introduction to Spatial Methods for Public Health** (Graduate): Dr. Marcia Castro  
“Location, Location, Location: Geocoding in a Nutshell”.
- Spring 2011      **Boston University School of Public Health**  
Department of Community Health Sciences, Boston, MA  
**Adolescent Health: Understanding Risk & Opportunity:** (Graduate):  
Dr. Renee Johnson  
“Context Matters: The Social Epidemiology of Adolescent Obesity”.
- Fall 2010      **Boston University School of Public Health**  
Department of Community Health Sciences, Boston, MA  
**Social and Behavioral Sciences for Public Health** (Graduate): Dr. Renee Johnson  
“Logic Models: A Tool for Planning & Evaluating Health Promotion Programs”.
- Fall 2008- 2010      **Harvard T.H. Chan School of Public Health**  
Department of Society, Human Development, and Health, Boston, MA  
**Program Planning: Design and Evaluation** (Graduate): Dr. Rima Rudd/  
Dr. Beth Molnar  
“Logic Models: A Tool for Planning & Evaluating Health Promotion Programs”.
- Fall 2007      **Harvard T.H. Chan School of Public Health**  
Department of Society, Human Development, and Health, Boston, MA  
**Program Planning: Design and Evaluation** (Graduate): Dr. Rima Rudd  
“Politics of Program Evaluation” as well as developed a case study.  
“Needs Assessment Approaches: Data, Tools, & Techniques”
- Fall 2007      **Harvard T.H. Chan School of Public Health**

Department of Society, Human Development, and Health, Boston, MA  
**Master's Proseminar** (Graduate): Dr. Greg Connolly  
“Preparing for an Academic Career: My Career (Decisions) Thus Far” to  
first-year master's students.

Fall 2006                      **University of Massachusetts Boston College of Nursing and Health  
Sciences**, Boston, MA  
**Community Health Nursing** (Undergraduate): Dr. Linda Dumas  
“Environmental Justice: Health, Disparities, and Solutions”.

### **Mentoring of Graduate Students, Residents, Post-Doctoral Fellows in Research**

\* NYU School of Medicine Substance Abuse Research Education and Training (SARET)  
Program Mentee

\*\* NYU College of Arts and Science Dean's Undergraduate Research Fund (DURF) Mentee

^ NYU Undergraduate Experiential Learning in Global Public Health (UGPH-GU 90) Student

# NYU School of Medicine Population Health Concentration Student

Summary of Research Supervision and Mentoring

-Student Research Assistants/Research Interns: 32

-MPH Thesis Reader: 2

-Doctoral Advisees: 1

-Doctoral Dissertation Committees: 2

-Postdoctoral Fellows: 2

-Medical Residents/ Medical Fellows: 1

-Junior Faculty: 1

### **Under direct supervision**

#### **Student Research Assistants/ Research Interns (2013- Present)**

- Rochelle Frounfelker (Spring/Summer 2013—Doctoral Student, Harvard School of Public Health)
- Shilpa Dutta (2013/2014—MPH Student, NYU Global Institute of Public Health)
- James Williams (2014—Medical Student, NYU School of Medicine)
- Kimberly Jones\* (Summer 2014—MSW Student, NYU Silver School of Social Work)
- Kenneth Pass (Summer 2014—Undergraduate Student, Morehouse College)
- Brittany Gozlan (Summer 2014—Medical Student, University of South Florida College of Medicine)
- Maliyhah Al-Bayan (Summer 2014—Medical Student, Meharry Medical College)
- William Goedel\*\*^ (Summer 2014 to Spring 2017—Undergraduate Student, NYU College of Global Public Health)
- Ababayehu Yilma (Summer/Fall 2014—MPH Student, NYU Global Institute of Public Health)
- Raiya Mallick (Fall 2014—Medical Student, Ziauddin University in Karachi, Pakistan)
- Samantha Bennett (Spring 2015—Undergraduate Student, NYU College of Nursing)
- Udisa Chowdhury (Spring 2015—Undergraduate Student, NYU Global Institute of Public Health)
- John Twarog (Spring 2015— MPH Student, Georgia Southern University College of Public Health)



Health)

- Jermaine Blakely (Summer/Fall 2015 —MPA Student, NYU Wagner Graduate School of Public Service)
- Aisha Khan\*\* (Summer 2015 to Spring 2017—Undergraduate Student, NYU College of Global Public Health)
- Jonathan Varghese (Summer 2015—Medical Student, Meharry Medical College)
- Thayane Moreira (Summer 2015—Undergraduate Student, Universidade de Sao Paulo in Brazil)
- Forrest Brooks (Summer/Fall 2015—Medical Student, NYU School of Medicine)
- Shivali Devjani (Fall 2015—Undergraduate Student, NYU Leonard N. Stern School of Business)
- Gina Leipertz (Fall 2015/Spring 2016—Undergraduate Student, NYU Shanghai)
- Thomas Gepts^ (Spring 2016—Undergraduate Student, NYU College of Global Public Health)
- Yazan Al-Ajlouni (Spring 2016 to Spring 2017—Undergraduate Student, NYU Abu Dhabi)
- Lucy Yang^ (Summer 2016—Undergraduate Student, NYU College of Global Public Health)
- Gladyne Confident# (Summer/Fall 2016—Medical Student, NYU School of Medicine)
- Chrystal Dol (Summer/Fall 2016—Medical Student, Meharry Medical College)
- Noah Kreski (Summer 2016 to Spring 2017—Undergraduate Student, NYU College of Global Public Health)
- Jace Morganstein (Summer 2016 to Spring 2017—Medical Student, Rowan University Cooper Medical School)
- Gabriel Figueroa Torres (Fall 2016—Undergraduate Student, NYU Abu Dhabi)
- H. Rhodes Hambrick (Fall 2016/ Spring 2017—Medical Student, NYU School of Medicine)
- Samuel Dubin (Summer 2017—Medical Student, NYU School of Medicine) (planned)
- Salem Harry (Summer 2017—Medical Student, University of Connecticut School of Medicine) (planned)
- Hayden Mountcastle (Summer 2017—Undergraduate Student, NYU Abu Dhabi) (planned)

#### **MPH Thesis Reader**

- Sweetie Xin Wen, MPH Student, NYU College of Global Public Health (Spring 2017)  
*Thesis Title: The Association between Physical Activity and Sleep among Low-Income Housing Residents in New York City*
- Sabah Shaikh, MPH Student, NYU College of Global Public Health (Spring 2017)  
*Thesis Title: How do relationship attachment styles (insecure vs. secure) influence physiological markers- particularly the ratio between salivary testosterone and cortisol among adults?*

#### **Doctoral Advisees**

- Daniel Hagen, MPH (PhD Student, NYU College of Global Public Health) (2015- 2016)  
*Medical leave of absence*

#### **Doctoral Dissertation Committees**

- Daniel Giovenco, MPH, CHES (PhD Student, Rutgers University School of Public Health) (2015- 2016)  
Dissertation Title: *The electronic cigarette retail environment in New Jersey and its associations with community demographics and youth vaping behaviors*  
Current Position: Assistant Professor, Department of Sociomedical Sciences, Mailman School of Public Health, Columbia University
- Benjamin Spoer, MPH (PhD Student, New York University College of Global Public Health) (2016 -Present)

### **Postdoctoral Fellows**

- Kosuke Tamura, PhD, NYU School of Medicine, Department of Population Health (Co-Mentor: Secondary Mentor) (Fall 2015- Present)
- Diana Sheehan, PhD, Florida International University College of Public Health and Social Work) (Co-Mentor: NIH K Secondary Mentor) (Spring 2016- Present)

### **Medical Residents/ Medical Fellows**

- Ofole Mgbako, MD (Internal Medicine Resident, NYU Langone Medical Center) (Mentor and advise on Black MSM HIV research project) (Spring 2016- Present)

### **Junior Faculty**

- Alexandra Ursache, PhD, NYU School of Medicine (Co-Mentor: NIH K Secondary Mentor) (Fall 2016- Present)  
Current Position: Assistant Professor, Department of Population Health, New York University School of Medicine

### **Major Research Interests**

#### Neighborhood determinants of population health and health disparities

1. How neighborhoods – the built environment (including parks, tobacco retailers and access to healthcare services) and the social environment (including crime, violence and spatial stigma) – influence population health (especially cardiovascular disease, drug abuse and HIV) among children, adolescents/young adults and their families—with special emphasis on minority health and health disparities in New York City and around the world. Most current work is most focused on the health and wellbeing of Black gay, bisexual and other men who have sex with men (MSM), especially as it relates to HIV prevention and HIV treatment.
2. Socio-demographic disparities in neighborhood environmental features related to population health and community wellbeing (e.g. neighborhood socio-economic and demographic disparities in walkable neighborhood amenities and in the tobacco retail environment).
3. Methodologically, this work utilizes a geospatial lens to apply spatially explicit approaches such as computer-based geographic information systems (GIS), web-based geospatial technologies, real-time geospatial technologies and geospatial modeling techniques. For instance, this work applies emerging geospatial technologies such as Global Positioning System (GPS) devices and smartphones to, in part, examine mobility and social networks in neighborhoods.

## Grants Received

Total Grant Funding (Current and Completed):

PI: \$5,643,470 (External: \$5,455,773)

co-I/collaborator: \$14,642,642 (External: \$14,630,776)

\* = Contact PI

### Prior

NIH/Federal (PI): 0

Foundation/Other (PI): 9

NIH/Federal (co-I/collaborator): 0

Foundation/Other (co-I/collaborator): 8

Agency	Title	Type & #	Period	Total Direct Costs	Role
Robert Wood Johnson Foundation, Active Living Research Program	A Spatial Analysis of Obesogenic Neighborhood Environmental Influences Among Children and Adolescents	ID #: 67129	1/2010-12/2011	\$20,768	PI
Robert Wood Johnson Foundation Health and Society Scholars Seed Grant Program, Harvard Center for Population and Development Studies, Harvard School of Public Health	Spatial Dynamics and Neighborhood Effects on Obesogenic Behaviors and Tobacco Use among Urban Youth		7/12-8/13	\$9,961	PI
NYU-HHC Clinical and Translational Science Institute (CTSI) Pilot Project Awards Program	Understanding Obesity Among Public Housing Residents in New York City: A Community-Based Geospatial Project	UL1TR000038	11/13-12/14	\$35,000	PI
NYU Center for Drug Use and HIV Research Pilot Project Awards Program	Feasibility Assessment of Real-Time Geospatial Methods to Explore Social and Spatial Contexts of Substance Use and HIV Risk in YMSM	5P30DA011041-17	1/14-12/14	\$24,968	*MPI
NYU Global Public Health Research Challenge Fund	Neighborhood Walkability and Cardiometabolic Outcomes in the Paris Metropolitan Area		9/13-3/15	\$15,000	PI
NYU College of Arts and Science, Dean's Undergraduate Research Fund	Body Image Satisfaction as a Correlate of Sexual Risk Taking Behavior in Online Sex-Seeking Men Who Have Sex with Men (MSM) in Atlanta: The Men's Body Image and Sexual Health Survey		12/14-5/15	\$1,000	Co-I
Aetna Foundation	Ecological Momentary Assessment of Neighborhood Conditions and Cardiovascular Health Behaviors in NYC Public Housing Residents		1/15-9/15	\$15,000	PI
Verizon Foundation	Health App Use Among Verizon Users		11/14-10/15	\$20,000	PI
Robert Wood Johnson Foundation Health and Society Scholars Seed Grant Program, Harvard	The Spatial and Multilevel Association of Alcohol Exposure, Alcohol Misuse, and HIV outcomes		1/15-12/15	\$10,000	Co-I

Center for Population and Development Studies, Harvard School of Public Health					
NYU College of Arts and Science, Dean's Undergraduate Research Fund	Looking? Understanding HIV Risk Attribution and Sexual Risk Taking Behaviors in Online Sex-Seeking Men Who Have Sex With Men in New York City		3/15-12/15	\$1,000	Co-I
NYU College of Arts and Science, Dean's Undergraduate Research Fund	Evaluating Social and Spatial Correlates of Geosocial Networking Application Use, Sexual Behavior, and Substance Use in Gay, Bisexual, and Other Men Who Have Sex with Men (MSM) in New York City		4/15-9/15	\$866	Co-I
Harvard Catalyst Health Disparities Award	A Neighborhood Analysis of Linkage to HIV Care in a Large Metropolitan Health System		1/16-4/16	\$3,000	Consultant
My Brother's Keeper Inc.	Neighborhood Activity Space and HIV Risk among Black MSM in the Deep South		6/15-6/16	\$45,000	Co-I
NYU Center for Drug Use and HIV Research Pilot Project Awards Program (5P30DA011041-17)	Neighborhood Activity Space, Drugs and HIV Risk Among Black MSM in the Deep South: A Pilot Study		6/15-6/16	\$5,000	PI
NYU College of Arts and Science, Dean's Undergraduate Research Fund	Evaluating Novel Correlates of Sexual Risk Taking Behavior Among Gay, Bisexual, and Other Men Who Have Sex with Men (MSM) Who Use Grindr in London, England.		1/16 – 8/18	\$1,000	Co-I
NYU College of Arts and Science, Dean's Undergraduate Research Fund	Barriers that caretakers of children living in public housing face in providing their children with a health supporting environment.		1/16 – 8/18	\$745	Co-I
HIV Prevention Trials Network (HPTN) Scholars Program	Community-Level Norms and Sexual Beliefs, Behaviors and STIs in HIV-Infected Men		6/2015-11/2016	\$56,009	PI
NYU College of Arts and Science, Dean's Undergraduate Research Fund	Feasibility of a Novel Geospatial Methodology to Assess Activity Space Neighborhoods, Social Networks, and Syndemic Dynamics Among Transgender Women in New York City		3/2016-12/2016	\$1,000	Co-I
NYU Shanghai Dean's Undergraduate Research Fund	Characterizing HIV Risk Factors Among Men Who Have Sex with Men (MSM) Who Use the Geo-social networking Application Jack'd in Shanghai, China		5/2016-12/2016	\$1,000	Co-I

## Current

NIH/Federal (PI): 4  
 Foundation/Other (PI): 1  
 NIH/Federal (co-I/collaborator): 3  
 Foundation/Other (co-I/collaborator): 7

Agency	Title	Type & #	Period	Total Direct Costs	Role
NIH National Institute on Mental Health	PrEP Uptake and Adherence Among Young Black MSM: Neighborhood and Network Determinants	1R01MH112406-01	9/2016-6/2021	\$2,930,356	*MPI
CDC National Center for HIV, Viral Hepatitis, STDs And TB Prevention	Impact of Neighborhoods and Networks on HIV Prevention and Care Behaviors Among Black MSM in the Deep South	1U01PS005122-01	5/2016-9/2020	\$1,176,356	PI
NIH National Institute on Mental Health	Neighborhoods, Mobility and HIV Among Young MSM	1R21MH110190-01	4/2016 – 5/ 2018	\$275,000	PI
NIH National Institute on Drug Abuse	Activity Space Neighborhoods, Drug Use and HIV Among Black MSM in the Jackson Mississippi MSA	1R03DA039748-01A1	7/2016-6/2018	\$200,000	*MPI
NIH National Institute on Child Health and Human Development	Early Life Stress and the Environmental Origins of Disease: a Population-based Prospective Longitudinal Study of Children in Rural Poverty	1UG3OD023332-01	9/2016-8/2018	\$4,425,692.00	Co-I
NIH National Institute on Diabetes and Digestive and Kidney Diseases	Impact of the Built Environment on Child Body Mass Index	1R01DK108682-01A1	12/2015-9/2020	\$2,646,009	Co-I
NIH National Institute on Diabetes and Digestive and Kidney Diseases	Impact of the Food Environment on Child Body Mass Index	R01DK097347	9/2013-5/2017	\$1,677,543	Co-I
NYU College of Arts and Science, Dean's Undergraduate Research Fund	Measuring Sleep Health and Its Effects on Sexual Behaviors and Substance Use Among Young Black and Latino Gay, Bisexual, and Other Men Who Have Sex with Men in New York City		5/2016-4/2017	\$1,000	Co-I
NYU Abu Dhabi Affiliated Faculty Grant	Studying Neighborhood Environments in Abu Dhabi by Developing and Validating Novel Context-Specific Linguistic Constructs of Food Content in Social Media		10/2016-5/2017	\$3,000	PI
Gilead Sciences	HIV Cure Research Perceptions Among HIV-Infected African American MSM, and Affected Communities, in the Deep American South: A Multi-level Mixed Methods Perspective		11/2016-10/2019	\$1,900,880	Consultant
NYU College of Arts and Science, Dean's Undergraduate Research Fund	Assessing Daily Pre-Exposure Prophylaxis (PrEP) Adherence and Sexual Behavior Using Smartphone-Based Ecological Momentary Assessment (EMA) Methods		1/2017-5/2017	\$1,000	Co-I

	Among Young Men Who Have Sex with Men in New York City: A Pilot Study				
NYU College of Arts and Science, Dean's Undergraduate Research Fund	Evaluating Facilitators and Barriers to Daily Pre-Exposure Prophylaxis (PrEP) Adherence Among Young Men Who Have Sex with Men in New York City		1/2017-5/2017	\$1,000	Co-I
NYU College of Arts and Science, Dean's Undergraduate Research Fund	Assessing Preferences for Pre-Exposure Prophylaxis Modalities Among a Sample of Male Sex Workers in New York City: A Qualitative Investigation		1/2017-5/2017	\$1,000	Co-I

### Pending

NIH/Federal (PI): 1

Foundation/Other (PI): 0

NIH/Federal (co-I/collaborator): 6

Foundation/Other (co-I/collaborator): 3

Agency	Title	Type & #	Period	Total Direct Costs	Role
NIH National Institute on Minority Health and Health Disparities	Impact of Neighborhoods on Hypertension Disparities Among Low-Income Housing Residents	1R01MD011402-01	4/2017 – 5/2022	\$2,398,480	PI
NIH National Institute on Diabetes and Digestive and Kidney Diseases	Patient Empowerment Project (PEP): Transforming the Patient Role through a Behavioral Intervention to Improve Diabetic Outcomes	R18	9/2016-8/2018	\$275,000	Consultant/Scientific Advisory Committee Member
NIH National Institute on Drug Abuse	The role of momentary-state substance use, psychosocial factors and activity spaces on ART adherence among young Latino MSM with HIV	1K01DA043406-01A1	9/2016-8/2021	\$724,925	Co-Mentor
NIH National Institute on Drug Abuse	Longitudinal panel study of the role of social disorganization on community-level rates of new HIV diagnoses, Florida, 2004-2016	1R01MH112394-01	1/2017-12/2021	\$1,643,219	Consultant
NIH National Institute on Drug Abuse	Optimizing combination HIV prevention strategies for key populations in Zimbabwe: A partnership between Zimbabwe Ministry of Health and Child Care and a multidisciplinary U.S. team	R01	1/2017-12/2021	\$1,643,219	Co-I
NIH National Institute on Drug Abuse	Stop-and-Frisk, Arrest, and Incarceration and STI/HIV Risk in Minority MSM	R01DA044037	7/2017-6/2022	\$2,546,917	Co-I

NIH National Heart, Lung and Blood Institute	Neighborhood deprivation and early childhood obesity: characterizing longitudinal pathways and identifying multilevel mediators and moderators	1 K01 HL138114-01	7/2017- 6/2022	\$588,253	Co-Mentor
NYU Center for Drug Use and HIV Research Pilot Project Awards Program	To Acknowledge His Dignity – Diversity of Experiences of HIV Positive Black Men Who Have Sex With Men (MSM) Along the HIV Care Continuum in New York City	5P30DA011041 -17	1/17-12/17	\$25,000	Co-Mentor
CDC National Center for Chronic Disease Prevention and Health Promotion	Natural Experiments of Policy and Built Environment Impact on Diabetes Risk in New York	--	9/17-9/22	\$4,056,176	Co-I

**Military Service**

None

**Other Professional Training (Selected)**

- 7/16                    **Selected Participant**, Summer Institute on Ecological Momentary Assessment, The Methodology Center, The Pennsylvania State University (awarded NIDA Diversity/Early Career award to cover \$395 registration fee and \$500 to use toward travel expenses)
- 6/16                    **Participant**, Columbia University Mailman School of Public Health, Epidemiology and Population Health Summer Institute, “Social Network Analysis” (one-week course)
- 12/14                   **Participant**, NIH mHealth Winter Training Institute (two-day course) (awarded scholarship from the Aetna Foundation including travel, registration and lodging)
- 5/12- 6/12            **Selected Participant**, Spatial Econometrics Advanced Institute, Università Cattolica del Sacro Cuore a Roma (Catholic University of the Sacred Heart in Rome, Italy) (four-week workshop; week-long courses on “Spatial Statistics” and “Theoretical Spatial Econometrics”, “Spatial Econometrics I”, “Spatial Econometrics II”, and “Spatial Panel Econometrics”)
- 6/11                    **Selected Participant**, Built Environment Assessment Training (BEAT) Institute, Center for Health Behavior Research, University of Pennsylvania (one-week workshop)
- 6/11                    **Selected Participant**, Advanced Spatial Analysis Workshop on Spatial Regression Modeling, Population Research Institute, The Pennsylvania State University (one-week workshop) (awarded \$600 scholarship)

- 7/10                    **Selected Participant**, Advanced Spatial Analysis Workshop on Spatial Pattern Analysis, Center for Spatially Integrated Social Science, University of California, Santa Barbara (one-week workshop and conference) (awarded \$500 scholarship)
- 5/10                    **Participant**, University of Texas at Austin Summer Statistics Institute (four-day courses on “Introduction to R” and “Spatial Analysis and GIS”)
- 6/09                    **Selected Participant**, Harvard Center for Geographic Analysis GIS Summer Institute (two-week workshop and conference)
- 10/06                   **Participant**, American Evaluation Association Professional Development Workshop on Qualitative Methods (two-day course)

### **Other: Film**

Producer (with Mykwain Gainey [Executive Producer/Director] of Mykwain Gainey Studios), “*Bad Neighborhoods Affect Your Health? A story of low-income housing residents in New York City*” [10-minute documentary]. 2014.

### **Bibliography**

\* = Author was a student or fellow

^ = Co-first authors

Underline = Senior author

Citations = 1,305

*h*-index = 20

*i*10-index = 29

### Summary of Published Papers

-Total: 71

-First author: 28

-Senior author: 13

-Second author: 16

### **Peer-Reviewed Original Research Journal Articles**

#### Published

1. Bennett GG, McNeill LH, Wolin KY, **Duncan DT**, Puleo E, Emmons KM. Safe To Walk? Neighborhood Safety and Physical Activity Among Public Housing Residents. *PLoS Medicine*. 2007 Oct 23; 4(10): 1599-606. **Impact factor: 13.585.**
2. Harley AE, Katz ML, Heaney CA, **Duncan DT**, Buckworth J, Odoms-Young A, Willis SK. Social Support and Companionship Among Active African American Women. *American Journal of Health Behavior*. 2009 Nov-Dec; 33(6): 673-685. **Impact factor: 1.31.**



3. Azrael D, Johnson RM, Molnar BE, Vriniotis M, Dunn EC, **Duncan DT**, Hemenway D. Creating a Youth Violence Data System for Boston, Massachusetts. *Australian and New Zealand Journal of Criminology*. 2009 Dec; 42(3): 406-421. **Impact factor: 0.696.**
4. **Duncan DT**, Johnson RM, Molnar BE, Azrael D. Association Between Neighborhood Safety and Overweight Status Among Urban Adolescents. *BMC Public Health*. 2009 Aug 11; 9: 289. **Impact factor: 2.209.**
5. **Duncan DT**, Wolin KY, Scharoun-Lee M, Ding EL, Warner ET, Bennett GG. Does Perception Equal Reality? Weight Misperception in Relation to Weight-Related Attitudes and Behaviors Among Overweight and Obese US Adults. *International Journal of Behavioral Nutrition and Physical Activity*. 2011 Mar 22; 8(1): 20. **Impact factor: 3.993.**
6. **Duncan DT**, Castro MC, Blossom JC, Bennett GG, Gortmaker SL. Evaluation of the Positional Difference Between Two Common Geocoding Methods. *Geospatial Health*. 2011 May; 5(2): 265-273. **Impact factor: 1.093.**
7. **Duncan DT**, Aldstadt J, Whalen J, Melly SJ, Gortmaker SL. Validation of Walk Score<sup>®</sup> for Estimating Neighborhood Walkability: An Analysis of Four US Metropolitan Areas. *International Journal of Environmental Research and Public Health*. 2011 Nov; 8(11): 4160-4179. **Impact factor: 2.035.**
8. Warner ET, Wolin KY, **Duncan DT**, Heil DP, Askew S, Bennett GG. Differential Accuracy of Physical Activity Self-report by Body Mass Index. *American Journal of Health Behavior*. 2012 Mar; 32(6): 168-178. **Impact factor: 1.13.**
9. Gortmaker SL, Lee R, Cradock AL, Sobol AM, **Duncan DT**, Wang YC. Disparities in Youth Physical Activity in the United States: 2003-2006. *Medicine and Science in Sports and Exercise*. 2012 May; 44(5): 888-93. **Impact factor: 4.041.**
10. **Duncan DT**, Castro MC, Gortmaker SL, Aldstadt J, Melly SJ, Bennett GG. Racial Differences in the Built Environment—Body Mass Index Relationship? A Geospatial Analysis of Adolescents in Urban Neighborhoods. *International Journal of Health Geographics*. 2012 Apr 26; 11(1): 11. **Impact factor: 2.270.**
11. **Duncan DT**, Aldstadt J, Whalen J, White K, Castro MC, Williams DR. Space, Race and Poverty: Spatial Inequalities in Walkable Neighborhood Amenities? *Demographic Research*. 2012 May 15; 26(17): 409-448. **Impact factor: 1.26.**
12. Fiechtner L, Block J, **Duncan DT**, Gillman MW, Gortmaker SL, Melly SJ, Rifas-Shiman SL, Taveras EM. Proximity to Supermarkets Associated with Higher Body Mass Index among Overweight and Obese Preschool-Age Children. *Preventive Medicine*. 2013 Mar; 56(3-4): 218-21. **Impact factor: 2.893.**

13. **Duncan DT**, Aldstadt J, Whalen J, Melly SJ. Validation of Walk Scores and Transit Scores for Estimating Neighborhood Walkability and Transit Availability: A Small-Area Analysis. *GeoJournal*. 2013 Apr; 78(2): 407-416. **Impact factor: 1.6.**
14. **Duncan DT**, Piras G, Dunn EC, Johnson RM, Melly SJ, Molnar BE. The Built Environment and Depressive Symptoms among Urban Youth: A Spatial Regression Study. *Spatial and Spatio-temporal Epidemiology*. 2013 June; 5: 11-25. **Impact factor: 1.51.**
15. **Duncan DT**, Kawachi I, White K, Williams DR. The Geography of Recreational Open Space: Influence of Neighborhood Racial Composition and Neighborhood Poverty. *Journal of Urban Health*. 2013 Aug; 90(4): 618-631. **Impact factor: 2.046.**
16. **Duncan DT**, Hatzenbuehler ML, Johnson RM. Neighborhood-Level LGBT Hate Crimes and Current Illicit Drug Use Among Sexual Minority Youth. *Drug and Alcohol Dependence*. 2014 Feb 1; 135: 65-70. **Impact factor: 3.349.**
17. **Duncan DT**, Hatzenbuehler ML. Lesbian, Gay, Bisexual, and Transgender Hate Crimes and Suicidality Among a Population-Based Sample of Sexual-Minority Adolescents in Boston. *American Journal of Public Health*. 2014 Feb; 104(2): 272-278. **Impact factor: 4.138.**
18. **Duncan DT**, Kawachi I, Subramanian SV, Aldstadt J, Melly SJ, Williams DR. Examination of How Neighborhood Definition Influences Measurements of Youths' Access to Tobacco Retailers: A Methodological Note on Spatial Misclassification. *American Journal of Epidemiology*. 2014 Feb 1; 179(3): 373-381. **Impact factor: 5.036.**
19. **Duncan DT**, Kawachi I, Kum S, Aldstadt J, Piras G, Matthews SA, Arbia G, Castro MC, White K, Williams DR. A spatially explicit approach to the study of socio-demographic inequality in the spatial distribution of trees across Boston neighborhoods. *Spatial Demography*. 2014; 2(1): 1-29. **Impact factor: N/A.**
20. **Duncan DT**, Kawachi I, Melly SJ, Blossom J, Sorensen G, Williams DR. Demographic Disparities in the Tobacco Retail Environment in Boston? A Citywide Spatial Analysis. *Public Health Reports*. 2014 March/April; 129(2): 209-215. **Impact factor: 1.737.**
21. **Duncan DT**, Kapadia F, Halkitis PN. Examination of Spatial Polygamy among Young Gay, Bisexual, and Other Men Who Have Sex with Men in New York City: The P18 Cohort Study. *International Journal of Environmental Research and Public Health*. 2014 Aug 28; 11(9): 8962-8983. **Impact factor: 2.035.**
22. **Duncan DT**, Palamar JJ, Williams JH\*. Perceived neighborhood illicit drug selling, peer illicit drug disapproval and illicit drug use among U.S. high school seniors. *Substance Abuse Treatment, Prevention and Policy*. 2014 Sept 3; 9(1): 35. **Impact factor: 1.713.**

23. Hansen AR, **Duncan DT**, Tarasenko Y, Wang W, Yan F, Zhang J. Change in Parental Perceptions of Overweight. *Pediatrics*. 2014 Sept; 134(3): 481-488. **Impact factor:** 5.473.
24. **Duncan DT**, Regan SD, Shelley D, Day K, Ruff RR, Al-Bayan M\*, Elbel B. Application of Global Positioning System Methods for the Study of Obesity and Hypertension Risk Among Low-Income Housing Residents in New York City: A Spatial Feasibility Study. *Geospatial Health*. 2014 Nov; 9(1): 57-70. **Impact factor:** 1.093.
25. **Duncan DT**, Sharifi M, Melly SJ, Marshall R, Sequist TD, Rifas-Shiman SL, Taveras EM. Characteristics of Walkable Built Environments and BMI Z-Scores in Children: Evidence from a Large Electronic Health Record Database. *Environmental Health Perspectives*. 2014 Dec; 122(12): 1359-65. **Impact factor:** 8.44.
26. Almeida J, **Duncan DT**, Sonnevile KR. Obesogenic behaviors among adolescents: The role of generation and time in the US. *Ethnicity and Disease*. 2015 Winter; 25: 58-64. **Impact factor:** 1.014.
27. Piccolo RS, **Duncan DT**, Pearce N, McKinlay JB. The role of neighborhood characteristics in racial/ethnic disparities in type 2 diabetes: Results from the Boston Community Health (BACH) Survey. *Social Science and Medicine*. 2015; 130: 79-90. **Impact factor:** 2.814.
28. Sonnevile KR, **Duncan DT**, Johnson RM, Almeida J. Are first-generation adolescents less likely to be overweight? Results from a Survey of Boston Youth. *Journal of Immigrant and Minority Health*. 2015; 17(2): 605-609. **Impact factor:** 1.579.
29. Benjamin Neelon SE, **Duncan DT**, Burgoine T, Mayhew M, Platt A. Promoting breastfeeding in child care through state regulation. *Maternal and Child Health Journal*. 2015 Apr; 19(4): 745-54. **Impact factor:** 1.917.
30. Fiechtner L, Sharifi M, Sequist T, Block JP, **Duncan DT**, Melly SJ, Rifas-Shiman SL, Taveras EM. Food environments and childhood weight status: modifying effects of neighborhood median income. *Childhood Obesity*. 2015 June; 11(3): 260-8. **Impact factor:** 2.543.
31. **Duncan DT**, Hansen AR, Wang W, Yan F, Zhang J. Change in Misperception of Child's Body Weight among Parents of American Preschool Children. *Childhood Obesity*. 2015 August; 11(4): 384-393. **Impact factor:** 2.543.
32. ^Goedel WC\*, **Duncan DT**. Geosocial-Networking App Usage Patterns of Gay, Bisexual, and Other Men Who Have Sex With Men: Survey Among Users of Grindr, A Mobile Dating App. *JMIR Public Health & Surveillance*. 2015; 1(1):e4. **Impact factor:** 4.532.

33. Johnson RM, **Duncan DT**, Rothman EF, Gilreath T, Hemenway D, Molnar BE, Azrael D. Fighting with siblings and with peers among urban high school students. *Journal of Interpersonal Violence*. 2015; 30(13): 2221-2237. **Impact factor: 1.579.**
34. Ortiz KS\*, **Duncan DT**, Blossnich JR, Salloum RG, Battle J. Smoking Among Sexual Minorities: Are There Racial Differences? *Nicotine and Tobacco Research*. 2015 Nov; 17(11): 1362-8. **Impact factor: 3.811.**
35. Hatzenbuehler ML, **Duncan D**, Johnson R. Neighborhood-level LGBT Hate Crimes and Bullying Among Sexual Minority Youths: A Geospatial Analysis. *Violence and Victims*. 2015; 30(4): 663-75. **Impact factor: 0.858.**
36. Krebs P, **Duncan DT**. Health App Use Among U.S. Mobile Phone Owners: A National Study. *JMIR Mhealth and Uhealth*. 2015 Nov 4;3(4):e10. **Impact factor: 2.03 (projected).**
37. Hickson DA, Truong NL, Smith-Bankhead N, Sturdevant N, **Duncan DT**, Schnorr J, Gipson JA, Mena LA. Rationale, Design and Methods of the Ecological Study of Sexual Behaviors and HIV/STI among African American Men Who Have Sex with Men in the Southeastern United States (The MARI Study). *PLoS ONE*. 2015 Dec 23;10(12):e0143823. **Impact factor: 3.057.**
38. **Duncan DT**, Kapadia F, Regan SD, Goedel WC\*, Levy MD, Barton S, Friedman SR, Halkitis PN. Feasibility and Acceptability of Global Positioning System (GPS) Methods to Study the Spatial Contexts of Substance Use and Sexual Risk Behaviors Among Young Men who Have Sex with Men in New York City: A P18 Cohort Sub-study. *PLoS ONE*. 2016 Feb 26; 11(2): e0147520. **Impact factor: 3.057.**
39. Goedel WC\*, Halkitis PN, Greene RE, Hickson DA, **Duncan DT**. HIV Risk Perception, Testing and Perceptions and Pre-Exposure Prophylaxis Awareness/Use in Grindr-using Men Who Have Sex with Men in Atlanta, Georgia. *Journal of the Association of Nurses in AIDS Care*. 2016 Mar-Apr; 27(2): 133-42. **Impact factor: 1.398.**
40. Goedel WC\*, Halkitis PN, **Duncan DT**. Behavior- and Partner-Based HIV Risk Perception and Sexual Risk Behaviors in Men Who Have Sex with Men (MSM) Who Use Geosocial-Networking Smartphone Applications in New York City. *Journal of Urban Health*. 2016 Apr;93(2):400-6. **Impact factor: 2.046.**
41. **Duncan DT**, Regan SD. Mapping Multi-Day GPS Data: A Cartographic Study in NYC. *Journal of Maps*. 2016; 12(4): 668-670. **Impact factor: 1.435.**
42. **Duncan DT**, Ruff RR, Chaix B, Regan SD, Williams JH\*, Ravenell J, Bragg MA, Ogedegbe G, Elbel B. Perceived Spatial Stigma, Body Mass Index and Blood Pressure: A Global Positioning System Study among Low-Income Housing Residents in New York City. *Geospatial Health*. 2016; 11(399): 164-173. **Impact factor: 1.093.**

43. Giovenco DP\*, **Duncan DT**, Coups EJ, Lewis MJ, Delnevo CD. Census tract correlates of vape shop locations in New Jersey. *Health and Place*. 2016 May 31; 40: 123-128. **Impact Factor: 2.4.**
44. Krause KD\*, Kapadia F, Ompad DC, D'Avanzo PA, **Duncan DT**, Halkitis PN. Early Life Psychosocial Stressors and Housing Instability Among Young Sexual Minority Men: The P18 Cohort Study. *Journal of Urban Health*. 2016 Jun; 93(3): 511-25. **Impact factor: 2.441.**
45. Goedel WC\*, Halkitis PN, Greene RE, **Duncan DT**. Correlates of Awareness of and Willingness to Use Pre-Exposure Prophylaxis (PrEP) in Gay, Bisexual, and Other Men Who Have Sex with Men Who Use Geosocial-Networking Smartphone Applications in New York City. *AIDS & Behavior*. 2016 Jul; 20(7): 1435-42. **Impact factor: 3.063.**
46. **Duncan DT**, Rienti Jr. M\*, Kulldorff M, Aldstadt J, Castro MC, Frounfelker RL\*, Williams JH\*, Sorensen G, Johnson RM, Hemenway D, Williams DR. Local Spatial Clustering in Youths Use of Tobacco, Alcohol and Marijuana in Boston. *American Journal of Drug and Alcohol Abuse*. 2016 Jul; 42(4): 412-21. **Impact factor: 1.828.**
47. **Duncan DT**, Méline J, Kestens Y, Day K, Elbel B, Trasande L, Chaix B. Walk Score, Transportation Mode Choice, and Walking Among French Adults: A GPS, Accelerometer, and Mobile Survey Study. *International Journal of Environmental Research and Public Health*. 2016; 13(6), 611. **Impact factor: 2.035.**
48. Goedel WC\*, Brooks FA\*, **Duncan DT**. Approaches to Sampling Gay, Bisexual, and Other Men Who Have Sex with Men from Geosocial-Networking Smartphone Applications: A Methodological Note. *Social Sciences*. 2016; 5(51): 1-7. **Impact factor: N/A.**
49. Al-Bayan M\*, Islam N, Edwards S, **Duncan DT**. Neighborhood Perceptions and Hypertension Among Low-Income Black Women: A Qualitative Study. *BMC Public Health*. 2016 Oct 12; 16(1): 1075. **Impact factor: 2.209.**

#### Accepted or In Press

50. Goedel WC\*, Krebs P, Greene RE, **Duncan DT**. Body Image Dissatisfaction, Self-Objectification and Sexual Sensation Seeking in Men Who Have Sex with Men (MSM). *Behavioral Medicine*. in press. **Impact factor: 1.735.**
51. Molnar BE, Goerge RM, Gilsanz P, Hill A, Subramanian SV, Holton JK, **Duncan DT**, Beatriz ED, Beardslee WR. Neighborhood-level social processes and substantiated cases of child maltreatment. *Child Abuse and Neglect*. in press. **Impact factor: 2.397.**
52. Athens JK, **Duncan DT**, Elbel B. Proximity to Fast Food Outlets and Supermarkets as Predictors of Fast Food Dining Frequency. *Journal of the Academy of Nutrition and Dietetics*. in press. **Impact factor: 3.609.**

53. **Duncan DT**<sup>^</sup>, Goedel WC\*, Stuls CB\*, Brady WJ\*, Brooks FA\*, Blakely JS\*, Hagen D\*. A Study of Intimate Partner Violence, Substance Abuse and Sexual Risk Behaviors Among Gay, Bisexual and Other Men Who Have Sex With Men in a Sample of Geosocial-Networking Smartphone Application Users. *American Journal of Men's Health*. in press. **Impact factor:** 1.713.
54. Chaix B, Kestens Y, **Duncan DT**, Brondeel R, Méline J, El Aarbaoui T, Pannier B, Merlo J. A GPS-based methodology to analyze environment–health associations at the trip level: case-crossover analyses of built environment effects on walking. *American Journal of Epidemiology*. in press. **Impact factor:** 5.036.
55. Hansen A, **Duncan DT**, Baidal Woo J, Hill A, Turner S, Zhang J. An Increasing Trend in Health Care Professionals notifying Children of Unhealthy Weight Status: NHANES 1999-2014. *International Journal of Obesity*. in press. **Impact factor:** 5.337.
56. Williams JH\*, **Duncan DT**, Cantor J\*, Elbel B, Ogedegbe G, Ravenell J. A Comparison of Self-Reported and Measured Blood Pressure Status Among Low-Income Housing Residents in New York City. *Journal of Health Disparities Research and Practice*. 2016; 9(4): in press. **Impact factor:** N/A.
57. Ruff RR, Ng J, Jean-Louis G, Elbel B, Chaix B, **Duncan DT**. Neighborhood stigma and sleep: Findings from a pilot study of low-income housing residents in New York City. *Behavioral Medicine*. in press. **Impact factor:** 1.735.
58. Sharifi M, Sequist TD, Rifas-Shiman SL, Melly SJ, **Duncan DT**, Horan CM, Koziol RL, Marshall R, Taveras EM. The Role of Neighborhood Characteristics and the Built Environment in Understanding Racial/Ethnic Disparities in Childhood Obesity. *Preventive Medicine*. in press. **Impact factor:** 2.893.
59. **Duncan DT**<sup>^</sup>, Goedel WC\*, Mayer KH, Safren SA, Palamar JJ, Hagen D\*, Jean-Louis G. Poor Sleep Health and Its Association with Mental Health, Substance Use and Condomless Anal Intercourse Among Gay, Bisexual and Other Men who have Sex with Men. *Sleep Health*. 2016 Dec; 2(4): 316-321. **Impact factor:** N/A.
60. **Duncan DT**, Tamura K\*, Regan SD, Athens J, Elbel B, Meline J, Al-Ajlouni YA\*, Chaix B. Quantifying Spatial Misclassification in Exposure to Noise Complaints Among Low-Income Housing Residents Across New York City Neighborhoods: A Global Positioning System (GPS) Study. *Annals of Epidemiology*. 2017 Jan; 27(1): 67-75. **Impact factor:** 2.355.
61. Giovenco DP\*, Casseus M, **Duncan DT**, Coups EJ, Lewis MJ, Delnevo CD. Association between the electronic cigarette marketing near schools and electronic cigarette use among youth. *Journal of Adolescent Health*. in press. **Impact factor:** 3.838.

62. Goedel WC\*, **Duncan DT**. Contextual Influences on Application Use and Sexual Risk Taking Behavior in Gay, Bisexual, and Other Men Who Have Sex With Men using *Grindr*. *Sexual Health*. in press. **Impact factor: 1.225.**
63. Cole H\*, **Duncan DT**, Ogedegbe G, Bennett S\*, Ravenell J. Neighborhood Socioeconomic Disadvantage, Neighborhood Racial Segregation and Hypertension Stage, Awareness, and Treatment among Hypertensive Black Men in New York City: Does Nativity Matter? *Journal of Racial and Ethnic Health Disparities*. accepted. **Impact factor: N/A.**
64. Park SH, **Duncan DT**, El Shahawy O\*, Shearston JA, Lee L\*, Tamura K\*, Sherman SE, Weitzman M. Analysis of state-specific prevalence, regional differences, and correlates of hookah use in the U.S. adults, 2012-2013. *Nicotine and Tobacco Research*. accepted. **Impact factor: 3.811.**
65. **Duncan DT**, Hansen A, Baidal JW, Twarog J, Hill A, Zhang J. Self-perceived Body Image not Measured Weight is Associated with Excessive School Absenteeism among U.S. Adolescents. *Obesity Research and Clinical Practice*. accepted. **Impact factor: 2.094.**
66. Goedel WC\*, Schneider JA, Hagen D\*, **Duncan DT**. Serodiscussion, Perceived Seroconcordance, and Sexual Risk Behaviors Among Dyads of Men Who Have Sex with Men (MSM) Who Use Geosocial-Networking Smartphone Applications in London. *Journal of the International Association of Providers of AIDS Care*. accepted. **Impact factor: N/A.**
67. Goedel WC\*, Hagen D\*, Halkitis PN, Greene RE, Tomas-Griffin M\*, Brooks FA\*, Hickson DA, **Duncan DT**. Post-exposure prophylaxis awareness and use in London among geo-social networking app-using men who have sex with men. *AIDS Care*. accepted. **Impact factor: 1.902.**
68. Tamura K\*, **Duncan DT**, Athens J, Bragg MA, Rienti M, Aldstadt J, Scott MA, Elbel B. Geospatial clustering in sugar sweetened beverage consumption among Boston adolescents. *International Journal of Food Sciences and Nutrition*. in press. **Impact factor: 1.202.**
69. Johnson K, Politis MD\*, Hansen AR, Parker L, **Duncan DT**, Zhang J. It is painful somatic symptom, not the history of cancer/malignancy that is associated with depression: findings from multiple national surveys. *Pain*. in press. **Impact factor: 5.213.**
70. Chaix B, **Duncan DT**, Vallée J, Vernez-Moudon A, Benmarhnia T, Kestens Y. The “residential” effect fallacy in neighborhood and health studies: formal definition, empirical identification, and correction. *Epidemiology*. accepted. **Impact factor: 7.522.**

71. Goedel WC\*, Hickson DA, **Duncan DT**. Identification and Involvement with the Gay Community Among Men Who Have Sex with Men in Atlanta Who Use Geosocial-Networking Smartphone Applications. *Journal of Gay and Lesbian Mental Health*. accepted. **Impact factor: 0.83**.

#### In Review

72. **Duncan DT**, Kapadia F, Kirchner TR, Goedel WC\*, Brady WJ\*, Halkitis PN. Acceptability of Ecological Momentary Assessment Among Young Men who have Sex with Men: A P18 Cohort Sub-Study. *Journal of LGBT Youth*. submitted.
73. **Duncan DT**, Park SH, Goedel WC\*, Kreski N\*, Morganstein JG\*, Hambrick HR\*, Jean-Louis G, Chaix B. Perceived Neighborhood Safety is Associated with Poor Sleep Health Among Gay, Bisexual and Other Men Who Have Sex with Men in Paris, France. *Journal of Urban Health*. submitted.
74. **Duncan DT**, Park SH, Schneider JA, Al-Ajlouni YA\*, Elbel B, Morganstein JG\*, Ransome Y\*, Mayer KH. Financial Hardship, Condomless Anal Intercourse and HIV Risk Among Men Who Have Sex with Men. *AIDS & Behavior*. submitted.
75. Twarog J\*, Yond RK, **Duncan DT**, Tedders S, Tysinger J, Zhang J. School absenteeism among US children and adolescents: gender, race and socioeconomic differences. *Pediatrics*. submitted.
76. Twarog J\*, Politis M, **Duncan DT**, Belle-Isle L, Zhang J. Trends in Secondhand Smoke Exposure among US Children and Adolescents from 1999- 2012. *Nicotine and Tobacco Research*. submitted.
77. Twarog J\*, **Duncan DT**, Sonnevile KR, Perrin EM, Zhang J. School Absenteeism: Mirror or the Scale, which matters most? *Obesity*. submitted.
78. Giovenco DP\*, **Duncan DT**, Coups EJ, Lewis MJ, Delnevo CD. Electronic Cigarette Availability and Advertising around New Jersey High Schools. *Tobacco Control*. major revision.
79. Robbins R\*, Krebs P, Jagannathan R\*, Jean-Louis G, **Duncan DT**. Health-related app Use among persons with chronic medical conditions: A National study of U.S. smartphone users. *BMC Medical Informatics and Decision Making*. revise and resubmit; revision submitted.
80. Goedel WC\*, Mayer KH, Mimiaga MJ, Hagen D\*, **Duncan DT**. Considerable Interest in Pre-Exposure Prophylaxis (PrEP) Uptake Among Men Who Have Sex with Men (MSM) Recruited from a Popular Geosocial-Networking Smartphone Application in London. *Global Public Health*. submitted.
81. Goedel WC\*, Mayer KH, **Duncan DT**. Indications for and Willingness to use Potential Candidacy for Pre-Exposure Prophylaxis Use Among Men Who Have Sex with Men in



- London Who Use Geosocial-Networking Smartphone Applications. *Sexual Health*. submitted.
82. Tamura K\*, **Duncan DT**, Athens J, Scott MA, Rienti M, Aldstadt J, Brotman L, Elbel B. Geospatial clustering in physical activity and sedentary behavior? Analysis of a population-based sample of Boston adolescents. *Journal of Physical Activity and Health*. submitted.
  83. Goedel WC\*, **Duncan DT**. Correlates of Engagement in Group Sex Events Among Men Who Have Sex with Men in London Who Use Geosocial-Networking Smartphone Applications. *AIDS Education and Prevention*. submitted.
  84. Goedel WC\*, Safren SA, Mayer KH, **Duncan DT**. Community-Level Norms and Condomless Anal Intercourse Among Gay, Bisexual, and Other Men Who Have Sex with Men Who Use Geosocial-Networking Smartphone Applications in the Deep South. *Journal of HIV/AIDS and Social Sciences*. revise and resubmit; revision submitted.
  85. Méline J, Chaix B, Pannier B, Day K, Ogedegbe G, Trasande L, **Duncan DT**. Neighborhood Walk Score and Cardiometabolic Disease in the French RECORD Cohort Study. *BMC Public Health*. submitted.
  86. Goedel WC\*, Reisner SL, Janssen AC, Poteat TC, Regan SD, Kreski N\*, Confident G\*, **Duncan DT**. Acceptability and Feasibility of Using a Novel Geospatial Method to Measure Neighborhood Contexts and Mobility Among Transgender Women in New York City. *Transgender Health*. submitted.
  87. Elbel B, Tamura K\*, McDermott Z, **Duncan DT**, Athens JK, Mijanovich T, Schwartz AE. Do food access exist? Access to food outlets around homes and schools for New York City Children. *American Journal of Preventive Medicine*. submitted.
  88. Tamura K\*, Elbel B, Chaix B, Regan SD, Al-Ajlouni YA\*, Athens J, Meline J, **Duncan DT**. Residential and GPS-based Activity Space Neighborhood Noise Complaints, Body Mass Index and Blood Pressure Among Low-income Housing Residents in NYC. *Journal of Community Health*. submitted.
  89. El Shahawy O\*, Park SH, Lee L\*, **Duncan DT**, Tamura K\*, Shearston JA, Sherman SE, Weitzman M. E-Cigarette Use among Adults in the United States (NATS 2012-2013). *Nicotine and Tobacco Research*. submitted.
  90. Chambers EC, Hanna DB, Hua S, **Duncan DT**, Camacho-Rivera M, Zenk S, McCurley JL, Perreira K, Gellman MD, Gallo LC. Home ownership, neighborhood home foreclosure risk and cardiovascular disease risk among a population-based sample of Latino adults: The Hispanic Community Health Study/Study of Latinos. *American Journal of Public Health*. submitted.
  91. Park SH, **Duncan DT**, El Shahawy O\*, Lee L, Shearston J, Tamura K\*, Sherman SE, Weitzman M. Patterns and Geographic Differences of Adults Who Switched from

Traditional Cigarette Smoking to E-cigarettes: Results from the National Adult Tobacco Survey (NATS). *American Journal of Preventive Medicine*. submitted.

92. Bragg MA, Amico, A, **Duncan DT**, Halkitis PN, Elbel B. Examining the Use of Social Media-Based Adolescent Food and Beverage Marketing. *American Journal of Public Health*. submitted.
93. Hambrick HR\*, Park SH, Morganstein JG\*, Goedel WC\*, Kreski NT\*, Mgbako O\*, **Duncan DT**. Rectal Douching Among Men Who Have Sex with Men in Paris: Implications for HIV/STI Risk Behaviors and Rectal Microbicide Development. *Journal Acquired Immune Deficiency Syndromes*. submitted.
94. Ransome Y\*, Luan H, Shi X, **Duncan DT**, Subramanian SV. Heavy drinking mediates the positive association between off-premises alcohol outlet density and drinking-related complaints in a large urban United States city. *Addiction*. submitted.
95. Herrera W\*, Clark J, Tuite A, Goedel WC\*, **Duncan DT**, Chunara R. Modeling Syphilis Dynamics Including the Impact of Geosocial-Networking Behavior. *The 11th International AAAI Conference on Web and Social Media (ICWSM-17)*. submitted.
96. Hansen AR, **Duncan DT**, Hester MA, Hackney AA, Nazaruk D, Zhang J. Racial disparity in health care professionals' notification of overweight status: Analysis of parent and adolescent reports, NHANES 1999-2014. *Journal of Health Care for the Poor and Underserved*. submitted.

## Books

1. **Duncan DT**, Kawachi I, co-editors. *Neighborhoods and Health, 2<sup>nd</sup> Edition*. Oxford, UK: Oxford University Press; in progress (to be published Spring 2018)

## Book Chapters and Encyclopedia Entries

2. Bennett GG, **Duncan DT**. John Henryism. *International Encyclopedia of the Social Sciences, 2nd edition*. Volume 4. Darity WA, ed. Detroit: Macmillan Reference USA; 2008: 207-209.
3. Bennett GG, Wolin KY, **Duncan DT**. Social Determinants of Obesity. In: *Obesity Epidemiology: Methods and Applications*. Hu FB, ed. Oxford, UK: Oxford University Press; 2008: 342-376.
4. Cradock AL, **Duncan DT**. The Role of the Built Environment in Supporting Health Behavior Change. In: *The Handbook of Health Behavior Change 4<sup>th</sup> Edition*. Riekert KA, Ockene JK, Pbert L, eds. New York: Springer Publishing Company; 2014: 437-462.
5. **Duncan DT**, Kawachi I. A Decade of Research Connecting Neighborhoods and Health Research. In: **Duncan DT**, Kawachi I, co-editors. *Neighborhoods and Health, 2<sup>nd</sup> Edition*. Oxford, UK: Oxford University Press; in progress (to be published Spring 2018)

6. **Duncan DT**, Goedel WC\*. Measuring Neighborhood Characteristics. In: **Duncan DT**, Kawachi I, co-editors. *Neighborhoods and Health, 2<sup>nd</sup> Edition*. Oxford, UK: Oxford University Press; in progress (to be published Spring 2018)
7. **Duncan DT**, Chaix B. Neighborhood Definition and Spatial Misclassification. In: **Duncan DT**, Kawachi I, co-editors. *Neighborhoods and Health, 2<sup>nd</sup> Edition*. Oxford, UK: Oxford University Press; in progress (to be published Spring 2018)
8. Kawachi I, **Duncan DT**. Opportunities for Neighborhoods Research to Inform Public Health Interventions and Policies. In: **Duncan DT**, Kawachi I, co-editors. *Neighborhoods and Health, 2<sup>nd</sup> Edition*. Oxford, UK: Oxford University Press; in progress (to be published Spring 2018)

#### **Letters to the Editor, Book Reviews and Commentaries (Selected)**

9. **Duncan DT**. Health Disparities Research: Role for Undergraduate Students [Letter]. *Journal of Young Investigators*. 2005; 12(2): Available at: URL: <http://www.jyi.org/features/ft.php?id=90>. **Impact factor:** N/A.
10. **Duncan DT**. Pursuing an Academic Career: *A Ph.D. Is Not Enough* [Book Review]. *Journal of Young Investigators*. 2005; 12(4): Available at: URL: <http://www.jyi.org/features/ft.php?id=159>. **Impact factor:** N/A.
11. **Duncan DT**, Quarells RC, Jones DJ. Approaching Health Equity [Letter]. *Journal of the National Medical Association*. 2005 Apr; 97(4): 584-585. **Impact factor:** N/A.
12. **Duncan DT**, Quarells RC, Din-Dzietham R, Arroyo C, Davis SK. Physical Activity and Incident Hypertension Among Blacks: No Relationship? [Peer-Reviewed Research Letter]. *Preventing Chronic Disease*. 2006 Jul; 3(3): A109. Available at: URL: [http://www.cdc.gov/pcd/issues/2006/jul/05\\_0197.htm](http://www.cdc.gov/pcd/issues/2006/jul/05_0197.htm). **Impact factor:** 2.213.
13. **Duncan DT**. Health Careers for Racial/Ethnic Minorities: Planting the Seeds Early in the Pipeline [Letter]. *Ethnicity & Disease*. 2006 Summer; 16(3): 623. **Impact factor:** 1.000.
14. **Duncan DT**. Parental Misperception of Their Child's Weight Status: Clinical Implications for Obesity Prevention and Control [Letter]. *Obesity*. 2011 Dec; 19(12): 2293. **Impact factor:** 4.389.
15. **Duncan DT**, Castro MC, Blossom JC. Response to Geocoding Protected Health Information Using Online Services May Compromise Patient Privacy [Reply Letter]. *Geospatial Health*. 2012 May; 6(2): 158-159. **Impact factor:** 1.093.
16. **Duncan DT**. Dancehall Music and Skin Bleaching: Destructive Fashion or Internal Foe? [Commentary]. *The Huffington Post*. March 6, 2013. Available at: URL: [http://www.huffingtonpost.com/dustin-t-duncan/dancehall-music-and-skin\\_b\\_2818690.html](http://www.huffingtonpost.com/dustin-t-duncan/dancehall-music-and-skin_b_2818690.html). **Impact factor:** N/A.

17. **Duncan DT.** All Hands on Deck: (Some) Reflections on Ameliorating Global Health Disparities in the 21<sup>st</sup> Century. [Commentary]. *The Huffington Post*. May 7, 2013. Available at: URL: [http://www.huffingtonpost.com/dustin-t-duncan/all-hands-on-deck\\_b\\_3232122.html](http://www.huffingtonpost.com/dustin-t-duncan/all-hands-on-deck_b_3232122.html). **Impact factor:** N/A.
18. **Duncan DT.** What's Your Walk Score<sup>®</sup>? Web-based Neighborhood Walkability Assessment for Health Promotion and Disease Prevention [Commentary]. *American Journal of Preventive Medicine*. 2013; 45(2): 244-245. **Impact factor:** 4.527.
19. **Duncan DT, Kawachi I, Subramanian SV, Aldstadt J, Melly SJ, Williams DR.** Response to "Can we claim spatial misclassification of neighborhood exposures without any reference to people?" [Reply Letter]. *American Journal of Epidemiology*. 2014 Mar 1; 179(5): 662. **Impact factor:** 5.230.
20. **Duncan DT.** Putting Health and Behavior in Context: Current Knowledge and Future Directions on Research Embracing Ecological Perspectives [Invited Commentary]. *Behavioral Medicine*. 2015 Jul-Sep; 41(3): 172-176. **Impact factor:** 1.735.
21. **Duncan DT, Meyer E, Khan A\*.** A Surprising Reason For Child Obesity and What You Can Do It. *Kidz Central Station* [Blog]. August 14, 2015. Available at: <http://blog.kidzcentralstation.com/from-the-real-experts-at-nyu/surprising-reason-child-obesity-can/> **Impact factor:** N/A.

**Conference Presentations (Presenting Author or Presenting Author is a Student/ Fellow\* [Underline = Senior author]: Selected)**

1. **Duncan D, Bradford D.** *The Sociocultural Risk Factors Associated with Schizophrenia Onset and Incidence: A Review*. Oral presentation. Morehouse College Ronald E. McNair Summer Research Symposium. Atlanta, GA. July 2003.
2. **Duncan D, Collins R, Din R, Liu Y, Arroyo C, Davis S.** *Are Physically Active Persons at a Reduced Risk for Hypertension? Results from the National Health and Examination Follow-up Survey (NHEFS)*. Poster presentation. Society for Epidemiologic Research Meeting. Salt Lake City, UT. June 2004.
3. **Duncan D, Douglass C, Badovinac R.** *The Great Divide: The Need for a Research Agenda on Oral Cleft Treatment Disparities*. Oral presentation. Harvard Medical School, Health Policy Summer Program Research Project Presentations. Boston, MA. August 2004.
4. **Duncan D, Collins R, Liu Y.** *National Trends in Youth Physical Activity (1993- 2003): Implications for Researchers and Policymakers*. Poster presentation. American College of Epidemiology Meeting. Boston, MA. September 2004.
5. **Duncan DT, Quarells RC.** *Family Environment and Blood Pressure in a Community-Based Sample of African American Adults: Study Design and Implications*. Oral

- presentation. Rocky Mountain McNair Research Symposium and Graduate Education Conference. Broomfield, CO. April 2005.
6. Baldwin G, **Duncan DT**, Duru O, Flowers A, Martin J, Posey J [all authors contributed equally]. *Assessing Health Behaviors of Morehouse College Students Utilizing the AUC Survey: Evaluation of Results*. Poster presentation. Public Health Awareness Conference. Atlanta, GA. April 2005.
  7. **Duncan DT**, Quarells RC, Din-Dzietham R, Arroyo C, Davis SK. *Physical Activity, Incident Hypertension, and Blacks: Is there a relationship?* Oral presentation. Atlanta University Center 2005 MARC U\*STAR Senior Research Symposium. Atlanta, GA. April 2005.
  8. **Duncan DT**, Patel KV, Coppin AK, Guralnik JM. *Racial/Ethnic Differences in High-Risk Health Behaviors among Older Americans: Prevalence and Trends, 1994-2004*. Poster presentation. National Institutes of Health Intramural Research Program 2005 Summer Student Poster Day. Bethesda, MD. August 2005.
  9. Bennett GG, **Duncan DT**, Wolin KY, Goodman MS, Askew S. *Does Socioeconomic Variation Exist in the Proportion of US Blacks Meeting CDC/ACSM Physical Activity Guidelines?* Poster presentation. Society of Behavioral Medicine Meeting. San Francisco, CA. March 2006.
  10. **Duncan DT**. *Logic Model Ownership: Implications for Logic Model Utilization and Program Effectiveness*. Oral presentation. American Evaluation Association Meeting. Baltimore, MD. November 2007.
  11. **Duncan DT**. *Diversity in the Evaluation Field: Expanding the Pipeline for Racial/Ethnic Minorities*. Oral presentation. American Evaluation Association Meeting. Baltimore, MD. November 2007.
  12. **Duncan D**, Bennett G, McNeill L, Harley A, Kaphingst K, Sorensen G, Puleo E, Kaphingst K, O'Neil A, McInnis K. *Feasibility of a behavioral weight loss intervention for ethnically diverse women in an urban fitness center*. Poster presentation. Society of Behavioral Medicine Meeting. Montreal, Quebec, Canada. April 2009.
  13. **Duncan DT**. *Geocoding and Analyzing Neighborhood Environmental Influences of Physical Activity Among Children*. Oral presentation. Harvard Center for Geographic Analysis GIS Summer Institute Conference. Boston, MA. June 2009.
  14. **Duncan DT**, Castro MC, Bennett GG, Gortmaker SL. *Walkability and Access to Parks as Correlates of Accelerometer-Determined Physical Activity Among Children: A Preliminary Investigation*. Oral presentation. Society for Public Health Education Meeting. Philadelphia, PA. November 2009.

15. **Duncan DT**, Castro MC, Bennett GG, Melly SJ, Gortmaker SL. *A Spatial Analysis of Obesogenic Neighborhood Environmental Influences Among Children and Adolescents: Methods and Policy Implications*. Poster presentation. Active Living Research Conference. San Diego, CA. February 2010.
16. **Duncan DT**. *Urban Crime and Adolescent Physical Activity: A Preliminary Spatial Analysis*. Oral Presentation. University of California, Santa Barbara, Center for Spatially Integrated Social Science, Advanced Spatial Analysis Workshop on Spatial Pattern Analysis. Santa Barbara, CA. July 2010.
17. **Duncan DT**, Johnson RM, Bennett GG, Castro MC, Molnar BE, Gortmaker SL. *Neighborhood Social Disorder Related to Use of Parks and Open Spaces Among Urban Youth*. Oral Presentation. International Conference on Urban Health. New York, NY. October 2010.
18. **Duncan DT**, Johnson RM, Dunn EC, Molnar BE. *Gangs, Guns and Drugs: Neighborhood Disorder and Safety Associated with Depressive Symptoms Among Urban Adolescents*. Oral Presentation. International Conference on Urban Health. New York, NY. October 2010.
19. **Duncan DT**, Castro MC, Gortmaker SL, Aldstadt J, Melly SJ, Bennett GG. *Racial Differences in the Association Between Built Environment Features and BMI Among Urban Adolescents*. Oral presentation. Active Living Research Conference. San Diego, CA. February 2011.
20. **Duncan DT**, Bennett GG, Castro MC, Melly SJ, Gortmaker SL. *Built Environmental Determinants of Objectively Measured Physical Activity and Intervention Uptake in Children*. Poster presentation. Active Living Research Conference. San Diego, CA. February 2011.
21. **Duncan DT**, Gortmaker SL, Bennett GG, Aldstadt J, Johnson RM, Papachristos AV, Azrael D, Castro MC. *Influence of Neighborhood Crime on the Body Mass Index of Urban Adolescents: A Spatial Analysis*. Oral presentation. Centers for Disease Control and Prevention/ Prevention Research Centers Program Conference. Atlanta, GA. April 2011.
22. **Duncan DT**, Papachristos AV, Johnson RM, Molnar BE. *Concordance between Objectively Measured Neighborhood Crime and Youths' Perception of Neighborhood Safety*. Poster presentation. American Society of Criminology Conference. Washington, DC. November 2011.
23. **Duncan DT**, Aldstadt J, Whalen J, White K, Castro MC, Williams DR. *Spatial Inequalities in Neighborhood Walkability?* Oral presentation. Association of American Geographers Conference. New York, NY. February 2012.

24. **Duncan DT**, Kulldorff M, Aldstadt J, Castro MC, Williams DR. *Does Youth Tobacco Use Cluster? Investigation of Spatial Clustering in Youth Tobacco Use*. Poster presentation. Society for Research on Nicotine and Tobacco Conference. Boston, MA. March 2013.
25. **Duncan DT**, Kawachi I, Melly SJ, Blossom J, Sorensen G, Williams DR. *Demographic Disparities in the Tobacco Retail Environment in Boston, Massachusetts? A Citywide Spatial Analysis*. Oral presentation. Celebration of Young Investigators in Cancer Research. Boston, MA. May 2013.
26. **Duncan DT**, Kawachi I, Kum S, Aldstadt J, Piras G, Matthews SA, Arbia G, Castro MC, White K, Williams DR. *Socio-demographic inequality in the spatial distribution of trees across Boston neighborhoods: A spatial econometric approach*. Oral presentation. Spatial Econometrics Association World Conference. Washington, DC. July 2013.
27. **Duncan DT**, Sharifi M, Melly S, Marshall R, Sequist T, Rifas-Shiman S, Taveras EM. *Walkable Built Environments Associated with Child BMI Z-score: Data from Electronic Health Records*. Poster presentation. The Obesity Society Meeting. Atlanta, GA. November 2013.
28. Jones K\*, **Duncan DT**. *A Qualitative Study on Neighborhood and Social Network Influences of Drug Use Among YMSM in New York City*. Poster presentation. NYU School of Medicine Substance Abuse Research Education and Training (SARET) Poster Day. New York, NY. August 2014.
29. Al-Bayan M\*, **Duncan DT**, Islam N. *Neighborhood Influences of Hypertension Among Low-Income African American Women in New York City: A Qualitative Study*. Poster presentation. Meharry Medical College Medical Student Research Experience Presentation Day. Nashville, TN. August 2014.
30. **Duncan DT**, Regan SD. *Mapping Multi-Day GPS Data: A Cartographic Study in NYC*. Poster presentation. NYU GIS Day. New York, NY. November 2014.
31. **Duncan DT**. *Neighborhoods and LGBT Health Disparities: A Focus on Black MSM*. Oral presentation. African American LGBTI Health Summit. Jackson, MS. November 2014.
32. **Duncan DT**, Chaix B, Ruff RR, Williams JH\*, Ravenell J, Bragg MA, Ogedegbe G, Elbel B. *Spatial Stigma, Body Mass Index and Blood Pressure Among Low-Income Housing Residents in New York City: A Pilot Study*. Poster presentation. New York City Epidemiology Forum. New York, NY. February 2015.
33. Goedel WC,\* **Duncan DT**. *Geosocial-Networking Application Use, Contextual Influences on Application Use, and Sexual Risk Taking Behavior in Gay, Bisexual, and Other Men Who Have Sex With Men using Grindr in New York City*. Poster presentation.

NYU Langone Medical Center Health Disparities Symposium. New York, NY. October 2015.

34. Goedel WC\*, Halkitis PN, Greene RE, **Duncan DT**. *Pre-Exposure Prophylaxis (PrEP) Awareness, Use and Willingness to Use in Gay, Bisexual, and Other Men Who Have Sex with Men Using Grindr in New York City*. Poster presentation. NYU Langone Medical Center Health Disparities Symposium. New York, NY. October 2015.
35. **Duncan DT**, Méline J, Kestens Y, Day K, Trasande L, Chaix B. *Walk Score and Physical Activity Among Adults in the Paris Metropolitan Area: A GPS Study*. Pitch presentation. European Public Health Conference. Milan, Italy. October 2015.
36. Goedel WC\*, **Duncan DT**. *Geosocial-Networking Application Use in Application-Using Gay, Bisexual, and Other Men Who Have Sex With Men (MSM) in Atlanta, Georgia*. Poster presentation. American Public Health Association Annual Conference. Chicago, IL. November 2015.
37. **Duncan DT**, Regan SD, Matthews SA, Chaix B, Goedel WC\*, Pass KM\*, Al-Bayan M\*, Gozlan B\*, Williams JH\*, Dutta S\*, Yilma AN\*, Elbel B. *Quantifying Spatial Polygamy Among Low-Income Housing Residents in NYC: A GPS Study*. Oral presentation. American Public Health Association Conference. Chicago, IL. November 2015.
38. **Duncan DT**, Goedel WC\*, Stuls CB\*, Brady WJ\*, Brooks FA\*, Blakely JS\*, Hagen D\*. *Intimate Partner Violence, Substance Abuse and Sexual Risk Behaviors Among Gay, Bisexual and Other Men who have Sex with Men in New York City: A Grindr Study*. Poster presentation. New York City Epidemiology Forum. New York, NY. February 2016.
39. Goedel WC\*, Halkitis PN, **Duncan DT**. *Does HIV Risk Stereotyping Exist? Behavior- and Partner-Based HIV Risk Perception, HIV Testing Patterns, and Sexual Risk Behaviors in Men Who Have Sex with Men (MSM) Using Grindr in New York City*. Poster presentation. New York City Epidemiology Forum. New York, NY. February 2016.
40. Hagen D\*, **Duncan DT**, Kapadia F, Hickson DA, Halkitis PN. *Psychometric Properties of the Gay Friendliness of the Neighborhood (GAFN) Scale Among Young Men Who Have Sex with Men: A P18 Cohort Sub-Study*. Poster presentation. New York City Epidemiology Forum. New York, NY. February 2016.
41. Tamura K\*, **Duncan DT**, Athens J, Scott MA, Schwartz AE, Elbel B. *Is obesity spatially clustered? A population-based analysis of public schoolchildren in New York City neighborhoods*. Poster presentation. New York City Epidemiology Forum. New York, NY. February 2016.
42. Williams JH\*, **Duncan DT**, Cantor J, Elbel B, Ogedegbe G, Ravenell J. *A Comparison of Self-Reported and Measured Blood Pressure Status Among Low-Income Housing*



*Residents in New York City*. Poster presentation. New York City Epidemiology Forum. New York, NY. February 2016.

43. Tamura K\*, **Duncan DT**, Athens J, Rienti M, Aldstadt J, Scott MA, Elbel B. *Geospatial clustering in sugar sweetened beverage consumption among Boston adolescents*. Poster presentation. NYU Department of Medicine Research Day. New York, NY. May 2016.
44. **Duncan DT**, Pathak S, Li S, Ojikutu B, Mimiaga M, Mayer KH, Safren SA. *Community-Level Cultural Norms and Condomless Sexual Behavior Among Men Living with HIV in Three Continents (HPTN 063)*. Oral presentation. HIV Prevention Trials Network (HPTN) Annual Meeting. Washington, DC. June 2016.
45. **Duncan DT**, Tamura K\*, Regan SD, Athens J, Elbel B, Meline J, Al-Ajlouni YA\*, Chaix B. *Quantifying Spatial Misclassification in Neighborhood Noise Exposure Among Low-Income Housing Residents in NYC: A GPS Study*. Poster presentation. Society for Epidemiologic Research Annual Meeting. Miami, FL. June 2016.
46. **Duncan DT**, Crawford ND, Gipson JA, Barber S\*, Browne DC, Wheeler DP, Hickson DA [senior author presented]. *Associations between Neighborhood Problems, Sexual Behaviors and HIV Infection in Black Men Who Have Sex with Men in the Deep South: The MARI Study*. Poster presentation. International AIDS Conference. Durban South Africa. July 2016.
47. Tamura K\*, **Duncan DT**, Athens JK, Elbel B. *Detecting localized clusters of colorectal cancer incidence in New York City: Application of spatial scan statistics*. Poster presentation. NCI Geospatial Approaches to Cancer Control and Population Sciences. Bethesda, MD. September 2016.
48. Tamura K\*, Elbel B, Athens J, Rummo P, Chaix B, Regan S, **Duncan DT**. *Are neighborhood food environments associated with body mass index and blood pressure? Application of GPS technology among low-income housing residents in New York City*. NYU School of Medicine. Postdoc Research Day. New York, NY. September 2016.
49. Dol C\*, Khan A\*, Yang L\*, **Duncan DT**. *Social Contextual Factors in Food Purchasing Behavior Among Low-Income Parents in New York City*. Meharry Medical College Medical Student Conference. Oral presentation. Nashville, TN. September 2016.
50. Tamura K\*, **Duncan DT**, Athens J, Scott MA, Schwartz AE, Elbel B. *Is obesity spatially clustered? A population-based analysis of public schoolchildren in New York City neighborhoods*. Oral presentation. American Public Health Association Conference. Denver, Colorado. October 2016.
51. Khan A\*, Dol C\*, Yang L\*, **Duncan DT**. *Impact of Disadvantaged Neighborhoods on Childhood Obesity in NYC: A qualitative study among low-income parents*. Poster presentation. NYU Langone Medical Center Health Disparities Symposium. New York, NY. October 2016.

52. Tamura K\*, Elbel B, Athens J, Regan SD, Al-Ajlouni YA\*, **Duncan DT**. *Is neighborhood noise associated with body mass index and blood pressure? Application of GPS technology among low-income housing residents in New York City*. Poster presentation. NYU Langone Medical Center Health Disparities Symposium. New York, NY. October 2016.
53. Goedel WC\*, Mayer KH, **Duncan DT**. *Awareness of, Willingness to Use, and Potential Candidacy for Pre-Exposure Prophylaxis (PrEP) to Prevent HIV Infection Among Men Who Have Sex with Men in London*. Poster presentation. NYU Langone Medical Center Health Disparities Symposium. New York, NY. October 2016.
54. Kreski NT\*, Park SH, Safren SA, Goedel WC\*, Morganstein JG\*, Grace R, **Duncan DT**. *Neighborhood Safety, Depression, Anxiety and Psychological Distress, Among Gay, Bisexual, and Other Men Who Have Sex with Men in Paris, France*. Poster presentation. New York City Epidemiology Forum. New York, NY. February 2017.
55. Goedel WC\*, Kreski NT\*, Morganstein JG\*, **Duncan DT**. *Sexual Role and Preferences for Available and Hypothetical Pre-Exposure Prophylaxis (PrEP) Administration Modalities Among Men Who Have Sex with Men (MSM) in Paris, France*. Poster presentation. New York City Epidemiology Forum. New York, NY. February 2017.
56. El Shahawy O\*, Park SH, Lee L\*, **Duncan DT**, Tamura K\*, Shearston JA, Sherman SE, Weitzman M. *E-Cigarette Use among Adults in the United States (NATS 2012-2013): Should we encourage E-cigarettes taxation?* Oral presentation. Society for Research on Nicotine and Tobacco. Florence, Italy. March 2017. accepted.
57. Dol C\*, Khan A\*, Yang L\*, **Duncan DT**. *Social Contextual Factors in Food Purchasing Behavior Among Low-Income Parents in New York City*. Meharry Medical College Medical Student Research Day. Poster presentation. Nashville, TN. March 2017. in review.
58. **Duncan DT**, Park SH, Schneider JA, Al-Ajlouni YA\*, Elbel B, Morganstein JG\*, Ransome Y\*, Mayer KH. *Financial Hardship, Condomless Anal Intercourse and HIV Risk Among Men Who Have Sex with Men in Paris France*. Poster presentation. International AIDS Conference. Paris France. July 2017. in review.
59. Park SH, **Duncan DT**, El Shahawy O\*, Lee L, Shearston J, Tamura K\*, Sherman SE, Weitzman M. *Patterns and Geographic Differences of Adults Who Switched from Traditional Cigarette Smoking to E-cigarettes: Results from the National Adult Tobacco Survey (NATS)*. Oral presentation. American Public Health Conference. Atlanta GA. November 2017. in review.

#### **Invited Talks (Selected)**

1. *My Career and Research Thus Far: Strategies for Early Career Success*. Morehouse School of Medicine, Department of Community Health and Preventive Medicine, Public Health Practice Leadership MPH Student Seminar. Atlanta, GA. April 2010.

2. *A Spatial Analysis of Obesogenic Neighborhood Environmental Influences Among Children and Adolescents*. Harvard School of Public Health, National Institute of General Medical Sciences Initiative to Maximize Student Diversity (IMSD) Predoctoral Fellowship Seminar. Boston, MA. February 2011.
3. *Risk of Obesity and the Built Environments of Urban Children/Youth: Clinical and Policy Implications*. Children's Hospital Boston and Boston Medical Center, Boston Combined Residency Program in Pediatrics, Urban Health and Advocacy Track, Research Advocacy and Policy Session. Boston, MA. April 2012.
4. *Walker's Paradise: Validation of Walk Score<sup>®</sup> for Measuring Neighborhood Walkability*. Harvard School of Public Health, Spatial Analysis Methods Student Working Group. Boston, MA. April 2012.
5. *Successfully Navigating the Doctoral Process*. Harvard University, Center on the Developing Child Doctoral Working Group. Boston, MA. October 2012.
6. *Spatial Determinants of Obesity: Implications for Obesity Prevention Among African American Women and Girls*. The Association of Black Psychologists and the American Psychological Association Summit on Obesity and Weight Management in African American Girls and Women. Washington, DC. October 2012.
7. *Modeling Effects of the Built Environment on Disparities in Urban Youth Physical and Mental Health: A Spatial Perspective*. Harvard School of Public Health, Department of Social and Behavioral Sciences Seminar. Boston, MA. March 2013.
8. *Space, Race and the City: Socio-Demographic Inequality in the Spatial Distribution of Cancer Prevention-Related Neighborhood Amenities*. Harvard School of Public Health, Lung Cancer Disparities Center Science Meeting. Boston, MA. April 2013.
9. *Neighborhoods and Population Health*. New York University School of Medicine, New York University Primary Care Internal Medicine Residency Program. New York, NY. September 2014.
10. *Bad Neighborhoods Affect Your Health? A story of low-income housing residents in New York City*. New York University School of Medicine, Health Policy Student Interest Group. New York, NY. December 2014.
11. *The Health and Neighborhood Experiences of Low-Income Housing Residents in New York City*. New York City Department of Health and Mental Hygiene Commissioner's Brown Bag Lecture. Queens, NY. December 2014.
12. *LGBT Health Disparities: What's Neighborhood Got To Do With It?* Emory University Rollins School of Public Health, Department of Behavioral Sciences and Health Education Research Seminar. Atlanta, GA. May 2015.

13. *Emerging Methods and Technologies for Studying Global Neighborhoods in Spatial Epidemiology*. French National Institute of Health and Medical Research (INSERM) Research Seminar. Paris, France. October 2015.
14. *Leadership and Leadership Skills for Minority Young Men in the 21<sup>st</sup> Century*. Paideia ([paideianyc.com](http://paideianyc.com)), New York University. New York, NY. February 2016.
15. *Connecting Neighborhoods and Health Disparities using Emerging Technologies*. University of Michigan School of Public Health Center for Integrative Approaches to Health Disparities- Jackson Heart Study Symposium. Jackson, MS. March 2016.
16. *Health is 0 Feet Away: Geosocial-Networking Smartphone Application Use Among Men who have Sex with Men* (with William Goedel). New York University School of Medicine Department of Population Health Research Seminar. New York, NY. March 2016.
17. *Neighborhoods, Networks and HIV Among Men who have Sex with Men*. New York University School of Medicine, Division of Infectious Diseases and Immunology Grand Rounds. New York, NY. April 2016.
18. *Spatial Epidemiology in a Global Context*. New York University College of Arts and Science Scholars Lecture Series. New York, NY. September 2016.
19. *Spatial Epidemiology of LGBT Health Disparities: Methods and Challenges*. University of California Santa Barbara Broom Center for Demography Research Seminar. Santa Barbara, CA. November 2016.
20. *Spatial Epidemiology of LGBT Health Disparities: Methods and Challenges*. University of California Santa Barbara Department of Geography Research Colloquium. Santa Barbara, CA. November 2016.
21. *Spatial Epidemiology of LGBT Health Disparities: Methods and Challenges*. Drexel University Dornsife School of Public Health, Urban Health Collaborative Research Seminar. Philadelphia, PA. November 2016.
22. *Spatial Epidemiology of LGBT Health Disparities: Methods and Challenges*. Fenway Health and Harvard Medical School Department of Population Medicine Research Seminar. Boston, MA. December 2016.
23. *Spatial Epidemiology of LGBT Health Disparities: Methods and Challenges*. University of Chicago School of Medicine, Third Coast Center for AIDS Research Seminar. Chicago, IL. December 2016.

24. *Spatial Epidemiology of LGBT Health Disparities: Methods and Challenges*. University of Miami Miller School of Medicine, Department of Public Health Sciences Grand Rounds. Miami, FL. May 2017. (planned)
25. *Spatial and Spatio-Temporal Epidemiology: Current Approaches and Limitations* (with Samson Gebreab, PhD). Society for Epidemiology Research “SER Talks” Invited Seminar. Bethesda MD. May 2017. (planned)
26. *Connecting Neighborhoods and Health in the United Arab Emirates: The UAE Healthy Future Study*. New York University Abu Dhabi Public Health Research Center Seminar. Abu Dhabi, United Arab Emirates. September 2017. (planned)

### **Technical Skills**

Statistical and Geographic Information Systems Software: SAS, R, ArcGIS, Quantum GIS, GeoDA, SaTScan

### **Media Interviews (2015-present)**

#### ***Topic: Housing and Health***

**Phone Interview:** Quoted in: Desperate New Yorkers to live in glorified shoeboxes. *New York Post*. By Andrea Peyser. March 2, 2015. Available at: <http://nypost.com/2015/03/02/desperate-new-yorkers-to-live-in-glorified-shoe-boxes/>

#### ***Topic: Parental Weight Misperception of Their Child’s Weight (Duncan et al., 2015)***

**Phone Interview:** Quoted in: 'Goldilocks syndrome'? Parents often in denial about overweight kids. *TODAY Health*. By Lisa Flam. May 11, 2015. Available at: <http://www.today.com/health/goldilocks-syndrome-parents-often-denial-about-overweight-kids-t20446>.

**Radio Interview:** On: "Everyday Health" show LIVE on SiriusXM's Doctor Radio channel (SiriusXM81). Hosted by Carol Bernstein, MD. May 12, 2015. <http://www.siriusxm.com/>

**Phone Interview:** Quoted in: 95 percent of parents think their overweight children look ‘just right’. *Washington Post*. By Lenny Bernstein. May 12, 2015. Available at: <http://www.washingtonpost.com/news/to-your-health/wp/2015/05/12/95-percent-of-parents-think-their-overweight-children-look-just-right/>

**Radio Interview:** On: KGO - San Francisco. Mr. Hamann, The Drex Radio Show. May 12, 2015. <http://www.kgoradio.com/>

**Radio Interview:** On: Take Two Show on NPR affiliate KPCC in Los Angeles. Southern California Public Radio. Host: A Martinez. May 13, 2015. <http://www.scpr.org/>

**Radio Interview:** On: Morning News Show with Dave Ross, airing on Seattle's KIRO Radio, a CBS affiliate. Seattle, WA. May 14, 2015. <http://kioradio.com/category/smn/>

**Radio Interview:** On: Michael Smerconish Program POTUS SiriusXM 124. May 15, 2015. <http://www.siriusxm.com/>

**Email Interview:** Quoted in: Pais têm dificuldades de ver sobrepeso dos filhos, mostra estudo Americano by Paloma Oliveto, *Correio Braziliense*: May 17, 2015. Available at: [http://www.correio braziliense.com.br/app/noticia/ciencia-e-saude/2015/05/17/interna\\_ciencia\\_saude,483436/pais-tem-dificuldades-de-ver-sobrepeso-dos-filhos-mostra-estudo-americano.shtml](http://www.correio braziliense.com.br/app/noticia/ciencia-e-saude/2015/05/17/interna_ciencia_saude,483436/pais-tem-dificuldades-de-ver-sobrepeso-dos-filhos-mostra-estudo-americano.shtml)

**Radio Interview:** On: Capital City Recap 1320 WILS Host. Michael Cohen. Lansing, MI. May 19, 2015. [1320wils.com](http://1320wils.com)

**Radio Interview:** The Andrew Lawton Show on AM980 / Corus Radio Network in London, Ontario, Canada. May 20, 2015. <http://www.am980.ca/the-andrew-lawton-show/>

**Email Interview:** Quoted in: Parents Don't Notice Extra Pounds on Overweight Children. *New York Times*. May 20, 2015. By. KJ Dell'Antonia. Available at: <http://parenting.blogs.nytimes.com/2015/05/20/parents-dont-notice-extra-pounds-on-overweight-children/>

**Radio Interview:** On: Dr. Radio. Host: Samantha Heller. Program: Nutrition. May 22, 2015. <http://www.siriusxm.com/doctorradio>

**Radio Interview:** On: Matt Townsend Show, Sirius XM channel 143. May 27 2015. <http://www.byuradio.org/>

**Phone Interview:** Quoted in: When parents become personal trainers: How to help a young child lose weight. By: Kelsey Dallas. *Deseret News National*. Salt Lake City, Utah. June 3, 2015. Available at: <http://national.deseretnews.com/article/4695/when-parents-become-personal-trainers-how-to-help-a-young-child-lose-weight.html>

**Radio Interview:** On: 'American Medicine Today'. Host: Ethan Youker. June 4, 2015. <http://www.970wfla.com/>

**Phone Interview:** Quoted in: When Your Child Has Obesity: How to Tackle Weight Loss as a Family. By: Corinne Ruff. *U.S. News and World Report*. July 15, 2015. Available at: <http://health.usnews.com/health-news/health-wellness/articles/2015/07/15/when-your-child-has-obesity-how-to-tackle-weight-loss-as-a-family>

**Phone Interview:** Quoted in: Percentage of obese U.S. preschoolers whose parents believe their children are "about the right weight". By: Jamie Fisher. *Harper's Magazine*. October 2015.

**Topic: Parental Weight Misperception of Their Child's Weight (General)**

**Email Interview:** Quoted in: Mothers may be unwilling to believe their children are obese. *Reuters Health*. October 15, 2015. By: Madeline Kennedy. Available at: <http://www.reuters.com/article/2015/10/15/us-health-obesity-mothers-perceptions-idUSKCN0S92KD20151015>

**Email Interview:** Quoted in: Nagging Your Kids About Weight Might Backfire. *HealthDay*. April 21, 2016. By: Randy Dotinga. Available at: <http://news.health.com/2016/04/21/nagging-your-kids-about-weight-might-backfire/>

**Topic: Health Apps (Krebs and Duncan, 2015)**

**Phone Interview:** Quoted in: Many Americans download health apps, then ignore them. *CBS News*. November 3, 2015. By: Brian Mastroianni. Available at: <http://www.cbsnews.com/news/many-americans-download-health-apps-then-ignore-them/>

**Email Interview:** Quoted in: The majority of adult smartphone users have at least one of 40,000 health apps. *Dot Med Health Care Business Daily News*. November 4, 2015. By: John Mitchell. Available at: <http://www.dotmed.com/news/story/27741>

**Email Interview:** Quoted in: Health apps are widely downloaded, but are they used? *Medical News Today*. November 4, 2015. Written by Marie Ellis. Available at: <http://www.medicalnewstoday.com/articles/301944.php>

**Email Interview:** Quoted in: Many Of Us Download, But Don't Use, Health Apps. *MedicalResearch.com*. November 5, 2015. Written by: Marie Benz. Available at: <http://medicalresearch.com/author-interviews/many-of-us-download-but-dont-use-health-apps/19101/>

**Radio Interview:** On: Doctor Radio. Rehabilitative Medicine Show with Dr. Jonathan Whiteson. November 30, 2015.

**Topic: Health Apps (General)**

**Email Interview:** Quoted in: The Privacy Gap Among Health Apps. LifeZette.com's Health channel. March 9, 2016. Written by: Kristen Fischer. Available at: <http://www.lifezette.com/healthzette/the-privacy-gap-among-health-apps/>