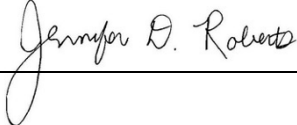


CURRICULUM VITAE

Notarization. I have read the following and certify that this *curriculum vitae* is a current and accurate statement of my professional record.

Signature  Date July 15, 2021

I. PERSONAL INFORMATION

I.A. UID: 114503213
Roberts, Jennifer, Denise
Department of Kinesiology
University of Maryland
School of Public Health
2136 SPH Building #255
4200 Valley Drive
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Office Phone: 301.405.7748
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Faculty Profile Website: <http://sph.umd.edu/people/jennifer-d-roberts>
PHOEBE Lab Website: www.sph.umd.edu/phoebelab
Professional Website: <http://www.jenniferdeniseroberts.com>

I.B. Academic Appointments at UMD

- | | |
|----------------|--|
| 2021 – Present | Associate Professor (with tenure) , Department of Kinesiology, University of Maryland School of Public Health (UMD-SPH), College Park, MD |
| 2015 – 2021 | Assistant Professor , Department of Kinesiology, University of Maryland School of Public Health (UMD-SPH), College Park, MD |
| 2015 – Present | Director , Public Health Outcomes and Effects of the Built Environment (PHOEBE) Laboratory, University of Maryland, College Park, MD |
| 2015 – Present | Faculty Affiliate , Maryland Population Research Center, University of Maryland, College Park, MD |
| 2017 – Present | Faculty Affiliate , Consortium on Race, Gender & Ethnicity, University of Maryland, College Park, MD |
| 2018 – Present | Faculty Affiliate , Maryland Transportation Institute, University of Maryland, College Park, MD |
| 2019 – Present | Associate Member , NIDDK-Funded Mid-Atlantic Nutrition Obesity Research Center, University of Maryland, School of Medicine, Baltimore, MD |

I.C. Other Employment

- 2011 – 2015 **Assistant Professor**, Uniformed Services University (USUHS), F. Edward Hébert School of Medicine, Department of Preventive Medicine and Biometrics, Division of Occupational and Environmental Health Sciences, Bethesda, MD
- 2008 – 2015 **Adjunct Assistant Professor**, Department of Environmental and Occupational Health Sciences, University of Illinois at Chicago (UIC) School of Public Health, Chicago, IL
- 2007 – 2011 **Senior Scientist**, Health Sciences Center for Exposure Assessment and Dose Reconstruction, Exponent®, Wood Dale, IL
- 2005 – 2007 **Senior Health Scientist**, ChemRisk®, San Francisco, CA
- 2004 – 2005 **Post-Doctoral Fellow**, Board on Environmental Studies and Toxicology, The National Academies, Washington, DC
- 2002 **Christine Mirzayan Science & Technology Policy Graduate Fellow**, Board on Children, Youth, and Families, The National Academies, Washington, DC

I.D. Educational Background

- 2004 **Dr.PH (Environmental Health Sciences)**, Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD
- 2002 **Risk Sciences and Public Policy Certificate**, Johns Hopkins University Bloomberg School of Public Health, Baltimore, MD
- 2000 **M.P.H (Environmental and Occupational Health)**, Emory University Rollins School of Public Health, Atlanta, GA
- 1996 **A.B. (Health and Society)**, Brown University, Providence, RI

I.E. Continuing Education

- 2019 **GIS Workshop: Visualizing and Analyzing Health Data**, Columbia University Mailman School of Public Health, New York, NY, July 22-23, 2019
- 2019 **Longitudinal Data Analysis Using Structural Equation Modeling**, Statistical Horizons, Beacon Hotel, Washington, DC, October 25-26, 2019
- 2018 **Building Trust: Between Minorities and Researchers, Becoming a Self-Reflective Researcher: Successfully Engaging Minority Communities**, Edward St. John Learning Center, University of Maryland, College Park, MD, June 27-28, 2018.

I.F. Professional Certifications, Licenses, and Memberships

- 2020 – Present **Member**, American College of Sports Medicine
- 2017 – Present **Member**, International Congress on Physical Activity and Public Health
- 2016 – Present **Member**, International Society of Behavioral Nutrition and Physical Activity

II. RESEARCH, SCHOLARLY, CREATIVE AND/OR PROFESSIONAL ACTIVITIES

II.A. Books

II.A.1. BOOKS EDITED

1. **ROBERTS, J.D.** and D. Paustenbach (Eds). (2008). Toxic Substances and Chemical Risk Section. In E.L. Melnick and B. Everitt (Eds.), *Encyclopedia of Quantitative Risk Analysis and Assessment*, Vol. 3. West Sussex, England: Wiley Publishing, ISBN: 9780470035498.

II.B. Chapters

II.B.1. ENCYCLOPEDIA

1. Gaffney SH and **ROBERTS JD.** (2008). Occupational Risks. In E.L. Melnick and B. Everitt (Eds.), *Encyclopedia of Quantitative Risk Analysis and Assessment*, Vol. 3. West Sussex, England: Wiley Publishing, ISBN: 9780470035498.

II.C. Refereed Journals

II.C.1. REFEREED JOURNAL ARTICLES - PUBLISHED

#denotes advised or mentored student ^denotes lead or senior author

1. Dickinson KL., **ROBERTS JD.**, Banacos, N., Neiberger L., Koebele EA., Blanch-Hartigan D., Shanahan EA. (2021). Structural Racism and the COVID-19 Experience in the United States. *Health Security*. doi: 10.1089/hs.2021.0031.
Co-wrote and co-edited manuscript with all colleagues
2. Koebele EA., Albright EA, Dickinson KL., Blanch-Hartigan D., Neiberger L., DeLeo RA., Shanahan EA., **ROBERTS JD.** (2021). Perceptions of Efficacy are Key Determinants of Mask-Wearing Behaviors During the COVID-19 Pandemic. *Natural Hazards Review*. 22(3). doi.org/ 10.1061/(ASCE)NH.1527-6996.0000489.
Co-wrote and co-edited manuscript with all colleagues
3. **ROBERTS JD.**^, Ada M.#, and Jette SL. (2021). NatureRx@UMD: A Review for Pursuing Green Space as a Health and Wellness Resource for the Body, Mind and Soul. *American Journal of Health Promotion*. doi.org/ 10.1177/0890117120970334d.
Conceptualized, wrote and co-edited manuscript as lead author with UMD student and colleague

4. Hu M., **ROBERTS JD.**[^], Azevedo GP, Milner D. (2021). The Role of the Built and Social Environments in COVID-19 Transmission: A Look at America's Capital City. *Sustainable Cities and Society*. doi.org/10.1016/j.scs.2020.102580.
Analyzed data; wrote and co-edited manuscript with colleague
5. Hu M. and **ROBERTS JD.** (2020). Built Environment Evaluation in Virtual Reality Environments: A Cognitive Neuroscience Approach. *Urban Science*. 4(4), 48. doi.org/10.3390/urbansci4040048.
Co-edited manuscript with colleague
6. **ROBERTS JD.**[^], Dickinson KL., Koebele EA., Albright EA, Neiberger L., Bancos N., Blanch-Hartigan D., Welston-Mitchell C. (2020). Clinicians, Cooks and Cashiers: Examining Health Equity and the COVID-19 Risks to Essential Workers. *Toxicology and Industrial Health*. doi:10.1177/0748233720970439.
Conceptualized, wrote and co-edited manuscript as lead author with colleagues
7. **ROBERTS JD.**[^], Tehrani SO.[#], Isom R.[#], Stone EA., Garcia VN. (2020). A Case-Comparison Study Protocol for Gauging Effects of Neighborhood Trends and Sickness: Examining the Perceptions of Transit-Induced Gentrification in Prince George's County. *BMJ Open*. doi:10.1136/bmjopen-2020-039733.
Advised and supervised non-UMD student on manuscript draft; conceptualized, co-wrote manuscript as senior author with non-UMD student; advised UMD doctoral student on student instrument development; submitted study protocol for IRB approval; co-edited manuscript with all colleagues
8. **ROBERTS JD.**[^] and Tehrani, SO.[#]. (2020). Environments, Buildings and Inequalities: Reflecting on the Impact and Reimagining a New Normal in Response to the COVID-19 Pandemic. *International Journal of Environmental Research and Public Health*. 17(12). doi.org/10.3390/ijerph.17124484.
Conceptualized, co-wrote and co-edited manuscript as lead author with non-UMD student
9. Stone EA.[#] and **ROBERTS JD.**[^] (2020). Park Spaces and the User Experience: Reconsidering the Body in Park Analysis Tools. *Journal of Nature and Culture*, 15(2). doi.org/10.3167/nc.2020.150201.
Advised and supervised doctoral UMD student independent study; co-wrote and co-edited manuscript with doctoral UMD student as the senior author
10. Phelan P., Wang N., Hu M. and **ROBERTS JD.** (2020). Editorial – Sustainable, Healthy Buildings and Communities. *Building and Environment*, 174. doi.org/10.1016/j.buildenv.2020.106806.
Conceptualized, co-wrote and co-edited manuscript with all colleagues
11. Hu M. and **ROBERTS JD.** (2020). Connections and Divergence between Public Health and Built Environment Design – A Review. *Urban Science*, 4(1). doi.org/10.3390/urbansci4010012.
Conceived and designed experiments with co-author; supervised student researchers; revised and co-edited manuscript

12. Tehrani SO.#, Wu SJ.#, **ROBERTS JD.^** (2019). The Color of Health: Residential Segregation, Light Rail Transit Developments, and Gentrification in the United States. *International Journal of Environmental Research and Public Health*, 16(19). doi: 10.3390/ijerph16193683.
Advised and supervised non-UMD student on manuscript draft; conceptualized, co-wrote and co-edited manuscript with non-UMD and UMD students as senior author
13. **ROBERTS JD.^**, Mandic S., Fryer CS., Brachman ML., Ray R. (2019). Between Privilege and Oppression: An Intersectional Analysis of Active Transportation Experiences among Washington D.C. Area Youth. *International Journal of Environmental Research and Public Health*, 16(8). doi:10.3390/ijerph16081313.
Conceptualized and designed study; co-collected and analyzed data; co-wrote and co-edited manuscript as lead author with all colleagues
14. Puett RC., Huang D.#, Montresor-López JA.#, Ray R., **ROBERTS JD.^** (2019) Relationship of Sociodemographic Factors with Indoor and Outdoor Physical Activity Environments among Washington D.C. Area Children. *Journal of Physical Activity and Health*, 16(7). doi: 10.1123/jpah.2019-0142.
Conceptualized and designed study; co-collected data; supervised doctoral UMD students' manuscript writing; co-wrote and co-edited manuscript as senior author with colleagues
15. **ROBERTS JD.^**, Hu M., Saksvig BI., Brachman ML., Durand CP. (2018). Examining the influence of a new light rail line on the health of a demographically diverse and understudied population within the Washington, DC metropolitan area: A protocol for a natural experiment study. *International Journal of Environmental Research and Public Health*, 15(2). doi:10.3390/ijerph15020333.
Conceptualized and designed study; submitted study for IRB approval; wrote and co-edited manuscript as lead author
16. **ROBERTS JD.^**, Rodkey L.#, Ray R., Saelens B. (2018). Don't forget about public transportation: Analysis of the association of active transportation to school among Washington DC area children with parental perceived built environment measures. *Journal of Physical Activity and Health*, 15(7). doi: 10.1123/jpah.2017-0266.
Conceptualized and designed study; co-collected and analyzed data; supervised graduate UMD student's manuscript writing; co-wrote and co-edited manuscript as lead author with colleagues
17. **ROBERTS JD.^**, Rodkey L.#, Grisham C.#, Ray R. (2017). The Influence of family dog ownership and parental perceived built environment measures on children's physical activity within the Washington DC area. *International Journal of Environmental Research and Public Health*, 14(11). doi:10.3390/ijerph14111398.
First author; conceptualized and designed study; co-collected and analyzed data; supervised manuscript writing of graduate and undergraduate UMD students; co-wrote and co-edited manuscript as lead author with all colleagues
18. Ray R., Sewell AA., Gilbert KL., **ROBERTS JD.** (2017). Missed opportunity? Leveraging mobile technology to reduce racial health disparities. *Journal of Health Politics, Policy and Law*, 42(5). doi: 10.1215/03616878-3940477.
Co-conceptualized and co-edited manuscript with all colleagues

19. **ROBERTS JD.**[^], Rodkey L.#, Ray R., Knight B., Saelens B. (2017). Electronic media time and sedentary behaviors in children: Findings from the Built Environment and Active Play Study in the Washington DC Area. *Preventive Medicine Reports*, 6. doi:10.1016/j.pmedr.2017.02.021.
Conceptualized and designed study; co-collected and analyzed data; supervised graduate UMD student's manuscript writing; co-wrote and co-edited manuscript as lead author with all colleagues
20. **ROBERTS JD.**[^], Knight B., Ray R., Saelens B. (2016). Parental perceived built environment measures and active play in Washington DC Metropolitan children. *Preventive Medicine Reports*, 3. doi: 10.1016/j.pmedr.2016.04.001.
Conceptualized and designed study; co-collected and co-analyzed data; co-wrote and co-edited manuscript as lead author with all colleagues
21. **ROBERTS JD.**[^], Ray R., Biles A., Knight B., Saelens B. (2015). Built environment and active play among D.C. Metropolitan children: A protocol for a cross-sectional study. *Archives of Public Health*, 73(22). doi:10.1186/s13690-015-0070-3.
Conceptualized and designed study; submitted study protocol for IRB approval; wrote and co-edited manuscript as lead author with all colleagues
22. **ROBERTS JD.**[^], Voss JD., Knight B. (2014). Physical inactivity, ambient air pollution and obesity in the United States. *PLoS ONE*, 9(3). doi:10.1371/journal.pone.0090143.
Co-conceptualized and designed study; supervised data download and analysis; co-wrote and co-edited manuscript as lead author with all colleagues
23. **ROBERTS JD.**[^] and Roberts MA. (2013). Wind turbines: Is there a human health risk? *Journal of Environmental Health*. 75(8).
Special report and journal's cover article; wrote and co-edited manuscript as lead author with colleague
24. Dorevitch S., Doi M., Hsu F-C., Lin K-T., **ROBERTS JD.**, Liu LC,. Gladding R., Vannoy E., Li H., Javor M., Scheff PA. (2011). A comparison of rapid and conventional measures of indicator bacteria as predictors of waterborne protozoan pathogen presence and density. *Journal of Environmental Monitoring*, 13(9):2427-2435. doi: 10.1039/c1em10379b.
Co-conceptualized study; co-wrote and co-edited manuscript with all colleagues
25. **ROBERTS JD.**[^]. (2009). Have "green" U.S. automobile drivers made an impact on greenhouse gases? *Natural Resources and Environment*. 24(2).
Conceptualized and designed study; analyzed data; wrote and edited manuscript
26. Donovan E., Unice K.; **ROBERTS JD.**, Harris M., Finley B. (2008). Risk of gastrointestinal disease associated with exposure to pathogens in the water of the Lower Passaic River. *Applied and Environmental Microbiology*, 74(4):994–1003. doi: 10.1128/AEM.00601-07.
Co-conceptualized and designed study; collected data samples; co-wrote and co-edited manuscript with all colleagues

27. Donovan E., Staskal D., Unice K., **ROBERTS JD.**, Haws L., Finley B., Harris M. (2008). Risk of gastrointestinal disease associated with exposure to pathogens in the sediments of the Lower Passaic River. *Applied and Environmental Microbiology*, 74(4). doi: 10.1128/AEM.01203-07.
Co-conceptualized and designed study; collected data samples; co-wrote and co-edited manuscript with all colleagues
28. **ROBERTS JD.**[^], Silbergeld EK., Graczyk TK. (2007). A probabilistic risk assessment of Cryptosporidium exposure among Baltimore urban anglers. *Journal Toxicology and Environmental Health A*. 70(18):1568–1576.
Conceptualized and designed study; collected and analyzed data; wrote and co-edited manuscript as lead author with all colleagues
29. Graczyk TK., McOliver C., Silbergeld EK., Tamang L., **ROBERTS JD.** (2007). Risk of handling as a route of exposure to infectious waterborne *Cryptosporidium parvum* oocysts via Atlantic blue crabs (*Callinectes sapidus*). *Applied and Environmental Microbiology*, 73(12). doi: 10.1128/AEM.00166-07.
Co-edited manuscript with all colleagues
30. Geer LA., Cardello N., Dellarco MJ., Leighton TJ., Zendzian RP., **ROBERTS JD.**, Buckley TJ. (2004). Comparative analysis of passive dosimetry and biomonitoring for assessing chlorpyrifos exposure in pesticide workers. *Annals of Occupational Hygiene*, 48(8). doi: 10.1093/annhyg/meh056.
Co-edited manuscript with all colleagues
31. Riepenhoff-Talty M., Morse K., Wang CH., Shapiro C., **ROBERTS JD.**, Welter M., Allen M., Evans MJ., Flanagan TD. (1997). Epidemiology of group C rotavirus infection in western New York women of childbearing age. *Journal of Clinical Microbiology*, 35(2):486–488.
Analyzed data; co-edited manuscript with all colleagues

II.C.2. REFEREED JOURNAL ARTICLES – UNDER REVIEW

#denotes advised or mentored student ^denotes lead or senior author

1.

II.C.3. REFEREED JOURNAL ARTICLES – IN PREPARATION

#denotes advised or mentored student ^denotes lead or senior author

1. **ROBERTS JD.**[^], Hu M., Saksvig BI., Brachman ML., Durand CP. Introducing a New Light Rail Line in a Racially and Ethnically Diverse Community: Qualitative Findings of the Purple Line Outcomes on Transportation Study.
Conceptualized and designed study; co-collected and analyzed data; co-wrote and co-edited manuscript with all colleagues
2. **ROBERTS JD.**[^], Tehrani SO.[#], Hendricks MD. Built, Social and Green Environments: The Intersections of Industrialization, Epidemiology and the Compounded Effects of the Coronavirus Pandemic in the United States.
Co-conceptualized, co-wrote and co-edited manuscript as lead author with colleague and non-UMD student

3. Wu, S. and **ROBERTS JD.**[^]. Built, Social and Green Environments: Community Perceptions and Anticipations of a New Light Rail Transit Line in Prince George's County, Maryland.
Conceptualized, co-wrote and co-edited manuscript as senior author with UMD student

II.D. Conferences, Workshops, and Talks

II.D.1. KEYNOTES

1. "Piscataway Park Rx Day". Presented at Accokeek Foundation, Accokeek, MD, April 29, 2018.

II.D.2. INVITED TALKS

1. "TBD". Center for Health and Nature Symposium. Texas A&M Health Science Center, College Station, TX, December 8, 2021.
2. "TBD". Henson Honors Program in Science and Math, Clarke Honors College, Salisbury University, Salisbury, MD, October 7, 2021.
3. "Black Bodies, Green Spaces, White Minds: The Nature of Pandemics and Prejudice". Art and Science of Health Promotion Conference, Hilton Head Island, SC, September 29-30, 2021.
4. Invited Panelist to "Intersectional Environmental Justice: Environmental Justice, Racism, Stress and Health", Symposium on Environmental Justice and Health Disparities. University of Maryland, College Park, MD, [VIRTUAL PRESENTATION], August 20, 2021.
5. "I Can't Breathe: The Many Sides of Environmental Racism". Summer Practicum, Cardno ChemRisk, San Francisco, CA, [VIRTUAL PRESENTATION] August 18, 2021.
6. "Environmental Racism: Its Assault on the Mind, Body and Soul". Summer Practicum, Graduate School of Professional Psychology, University of Denver, Denver, CO, [VIRTUAL PRESENTATION] June 28, 2021.
7. "The Sum of Us: A Community Book Conversation". Community Book Group. Greater Washington Community Foundation, Washington, DC, [VIRTUAL PRESENTATION], June 25, 2021.
8. Invited Panelist to "ISBNPA Webinar SIG Socioeconomic Inequalities: Physical Activity and Nutrition Behavior Research in the Context of Structural Racism". International Society of Behavioral Nutrition and Physical Activity, [VIRTUAL PRESENTATION], May 10, 2021. Available at: <https://isbnpa.org/webinar/isbnpa-webinar-sig-socioeconomic-inequalities-physical-activity-and-nutrition-behavior-research-in-the-context-of-structural-racism/>
9. "The Health of the Country Depends Upon the Health of the Negroes: Nature of Pandemics and Protests in the 20th and 21st Centuries". Spring 2021 Nature and Health Symposium. Nature and Health at the University of Washington, Seattle,

WA, [VIRTUAL PERSENTATION], April 28, 2021. Available at: <https://www.youtube.com/watch?v=slo4Ceihmql>

10. "Environmental Racism: An Old Wine in a New Bottle". Spring 2021 Seminar Series. Columbia Center for Environmental Health in Northern Manhattan, Columbia University Mailman School of Public Health, New York, NY, [VIRTUAL PERSENTATION], April 15, 2021.
11. "The Color of Greenspace: Optimizing the Value of Nature and Open Space for Everyone". 2021 Land Conservation Conference Webinar Series. Forever Maryland Foundation, Forest Hill, MD. [VIRTUAL PERSENTATION], March 31, 2021. Available at: <https://www.youtube.com/watch?v=ZC-gegJlb8o>.
12. "Moving Targets: Racialized and Socialized Barriers to Active Transportation". Accelerating Active Transportation Change in Northern Virginia. George Mason University. Fairfax, VA. [VIRTUAL PERSENTATION], March 25, 2021.
13. "Nothing Can Change Until It Is Faced: Structural Racism and COVID-19 Outcomes". The Cheverly Community Forum for Accountability and Action. Cheverly, MD. [VIRTUAL PERSENTATION], March 19, 2021.
14. Invited Panelist to "Career Journeys in Health Care: Panel". Rush University Medical Center, Chicago, IL, [VIRTUAL PRESENTATION], February 10, 2021.
15. "Active Living Research: My Journey from Pupil to Professor". Global STEWARDS Program Seminar Series. University of Maryland, College Park, MD, March 11, 2021.
16. "When White Folks Get a COVID Cough, Black Folks Catch the COVID Death". Tale of Two Pandemics: Illuminating Structural Racism and COVID Panel. Research Commons at University Libraries, University of Maryland, College Park, MD, [VIRTUAL PERSENTATION], November 18, 2020. Available at: <https://umd.libcal.com/calendar/events/two-pandemics>
17. Invited Panelist to "Global Public Health Scholars and Justice and Legal Thought" Scholar Panel. University of Maryland, College Park, MD, [VIRTUAL PRESENTATION], November 11, 2020.
18. Invited Panelist to "Expert Panel Session Hosted by SPHL 100 (Foundations of Public Health)". University of Maryland, College Park, MD, [VIRTUAL PRESENTATION], November 9, 2020.
19. "There is No Green Book for Walking: Transit Risks Patterned by Race and Place". University of California Institute of Transportation Studies Seminar Series. University of California, Davis, CA, [VIRTUAL PRESENTATION], November 6, 2020. Available at: https://www.youtube.com/watch?v=HtjhD_EkGcY
20. Invited Panelist to "Women in STEM" Panel. Henson School of Science and Technology, Salisbury University, Salisbury, MD, [VIRTUAL PERSENTATION], October 21, 2020.

21. "NatureRx@UMD: Origination, Launch, Roadblocks and Goals". Campus Nature Rx Symposium. Cornell University, Ithaca, NY , [VIRTUAL PRESENTATION], October 23, 2020. Available at: <https://www.campusnature.com/2020-symposium>
22. "Active Living Research: From Pupil to Professor". University of California Ecology and Evolutionary Biology Seminar Series. University of California, Los Angeles, CA , [VIRTUAL PRESENTATION], October 19, 2020.
23. "Pursuing a Career in STEM: The Winding Road from Pupil to Professor ". Invited Key Note Speaker for "Mentors and Mimosas Gala". The Ashe Academy, Thousand Oaks, CA, [VIRTUAL PRESENTATION], October 10, 2020.
24. Invited Panelist to "Pandemic Work: Rights of Vulnerable Workers". Center for Health, Work and Environment and Center for Bioethics and Humanities, Colorado School of Public Health, Aurora, CO , [VIRTUAL PRESENTATION], October 7, 2020. Available at: <https://www.youtube.com/watch?v=Fo-wbeaaKt0>
25. "Do Better. Act Better. Live Better". Invited "Harriet and Willcox Adsit Lecturer". Buffalo Seminary Convocation, Buffalo, NY, [VIRTUAL PRESENTATION], September 16, 2020. Available at: <https://www.youtube.com/watch?v=nOddhcxHVb4&feature=youtu.be>
26. "Health Determinants: Patterned by Place and Race. A Look at COVID-19 Disproportionalities and Disparities". "Envisioning a Healthier and More Equitable Society Post-Pandemic". UMD Alumni Association, College Park, MD, [VIRTUAL PRESENTATION], August 4, 2020. Available at: <https://go.umd.edu/futurevision>.
27. "Unintended Realities of Youth Active Transportation". Action Committee for Transit. Silver Spring Civic Center, Silver Spring, MD, [VIRTUAL PRESENTATION], April 14, 2020. Available at: <https://drive.google.com/file/d/12nvxA9fTpXoReR3RVtJfhm-M8Ep1uPA9/view>.
28. "Public Health Outcomes and Effects of the Built Environment: A Look at PHOEBE Laboratory Research". University of Michigan Precision Health Seminar Series. University of Michigan, Ann Arbor, MI, February 11, 2020. Available at: <https://events.umich.edu/event/65113>.
29. "Practicing Resilience in Graduate School and Preventing Burnout: A Health Wellness Model". Dinner with IRT and McNair Graduate Students. University of Maryland, College Park, MD, March 28, 2019.
30. "Community Based Active Living Research in the Washington DC Area". NIH/National Heart, Lung and Blood Institute, DC Cardiovascular Health and Obesity Collaborative, Community Advisory Board Meeting. Howard University, Washington, DC, June 25, 2018.

31. "Physical Activity (For Young Children) Block Parties". Arlington Partnership for Children. Youth & Families Foundation, Arlington, VA, June 19, 2018.
32. "Transportation Equity Issues in the State of Maryland". 4th Symposium on Environmental Justice and Health Disparities in Maryland and the Washington, DC Region. University of Maryland, College Park, MD, May 12, 2018.
33. "Sedentary Behaviors Among Washington, DC Area Children: Findings from the BEAP Study". Arlington Partnership for Children. Youth & Families Foundation, Arlington, VA, December 18, 2017.
34. "Transit, Obesity and Public Health". Action Committee for Transit. Silver Spring Civic Center, Silver Spring, MD, October 10, 2017.
35. "Active Living Among Washington, DC Area Youth". International Symposium "Active Living and Environment: Towards a Healthier and More Sustainable Future". University of Otago, Dunedin, New Zealand, August 29, 2017.
36. "Built Environment and Active Living Among Washington, DC Area Youth". Active Living Laboratory Research Seminar Series, School of Physical Education, Sport and Exercise Sciences. University of Otago, Dunedin, New Zealand, August 8, 2017.
37. "Kids, Let's Stand Up!: Findings from the Built Environment and Active Play Study". Counseling Center's Research and Development Series. University of Maryland, College Park, MD, October 19, 2016.
38. "Active Transportation Among Washington, DC Area Children". 2016 Brown Bay Webinar Series at National Center for Smart Growth. University of Maryland, College Park, MD, October 3, 2016.
39. "Sedentary Behaviors Among Washington, DC Area Children". Fall 2016 Seminar Series at Department of Human Development and Quantitative Methodology. University of Maryland, College Park, MD, September 28, 2016.
40. "Where Have All the Children Gone: Findings from the Built Environment and Active Play Study". Maryland Center for Health Equity (M-CHE) Collegium of Scholars. University of Maryland, College Park, MD, March 9, 2016.
41. "Mom, Why Can't I Play Outside?". Kinesiology Department's Faculty Research Seminar. University of Maryland, College Park, MD, March 3, 2016.
42. "Parental perceived built environment measures and active play in Washington DC Metropolitan children". Maryland Population Research Center's Special Topics in Population Research Working Group Meeting. University of Maryland, College Park, MD, February 11, 2016.
43. "The Relationship Between Physical Activity, Built Environment and Public Health". School of Public Health Undergraduate Research Faculty Panel. University of Maryland, College Park, MD, November 19, 2015.

44. "The association of ambient air pollution and physical inactivity in the United States". Program for Society and the Environment. University of Maryland, College Park, MD, April 23, 2014.
45. "Pursuing a Career in Science". Summer Undergraduate Research Internship Program. USUHS, Bethesda, MD, July 16, 2013.
46. "Toxins, Toxicology and Public Health". Young Women's Leadership Charter High School. Chicago, IL, January 7, 2011.
47. "Pursuing a Career in Science". Second Annual Science Careers Seminar Series. Malcolm X University, Chicago, IL, October 28, 2010.
48. "Risk Analysis and Application". Engineering Forensics Lecture Series (CIV_ENG 395-0) at McCormick School of Engineering and Applied Science. Northwestern University, Chicago, IL, May 27, 2009.
49. "Global Environmental Health". Ecology and Environmental Lecture Series. Harry S. Truman College, Chicago, IL, April 23, 2009.
50. "Pursuing a career in science and math: The road from undergraduate to graduate school". "Celebrating Women in Science and Math". Eastern Illinois University, Charleston, IL, February 17, 2009.

II.D.3. REFEREED PRESENTATIONS

#denotes advised or mentored student

1. **ROBERTS JD**. "COVID-19 Risk and Racial Differences in the United States: A Look at Communication, Perceptions and Behaviors" [oral presentation]. Natural Hazards Workshop, [VIRTUAL PRESENTATION], July 12-14, 2020
2. **ROBERTS JD**, Mandic S, Fryer CS, Brachman ML, Ray R. "Unfortunate Realities of Youth Active Transportation: Qualitatively Examining of Experiences of African American Youth" [oral presentation]. Conference on Health and Active Transportation, Washington, DC, December 11-12, 2019.
3. **ROBERTS JD**, Mandic S, Fryer CS, Brachman ML, Ray R. "Unintended Consequences of Youth Active Transportation" [oral presentation]. International Society of Behavioral Nutrition and Physical Activity Conference. Built and Social Environments and Active Transport in Youth: Insights from Three Continents Symposium (Sandra Mandic; Francisco Javier Huertas Delgado), Prague, Czech Republic, June 4-7, 2019.
4. **ROBERTS JD**, Mandic S, Fryer CS, Brachman ML, Ray R. "Walking While Black – Unintended consequences of youth active transportation" [oral presentation]. Active Living Research Conference, Charleston, SC, February 17-20, 2019.
5. **ROBERTS JD**, Hu M, Saksvig BI, Brachman ML, Durand CP. "The new Purple Line light rail within the Washington, D.C. metropolitan area: A protocol for a natural experiment study examining changes in transit behaviors and perception"

[oral presentation]. 7th International Congress on Physical Activity and Public Health, London, England, October 15-17, 2018.

6. **ROBERTS JD**, Mandic S, Fryer CS, Ray R. “Exploring Intersectionality in the Physical Environment through a Qualitative Analysis of Active Transportation Experiences among Washington DC Area Youth” [oral presentation]. Active Living Research Conference, Banff, Canada, February 11-14, 2018.
7. **ROBERTS JD**. “Active Transportation Behaviors and Perceptions Among Washington, DC Area Youth” [oral presentation]. International Symposium "Active Living and Environment: Towards a Healthier and More Sustainable Future", University of Otago, Dunedin, New Zealand, August 28-30, 2017.
8. **ROBERTS JD**, Knight B, Ray R, Saelens BE. “Why can't I play outside?: Findings from the Built Environment and Active Play Study” [oral presentation]. International Society of Behavioral Nutrition and Physical Activity Conference. Active Play Symposium (John Reilly; Mariana Brussoni; Avril Johnstone), Victoria, Canada, June 7-10, 2017.
9. **ROBERTS JD**. “Is sitting the new smoking for Washington DC area youth?” [oral presentation]. 2017 Children’s Environmental Health Translational Research Conference, Washington, DC, April 5-7, 2017.
10. **ROBERTS JD**, Rodkey L, Ray R, Knight B, Saelens BE. “The association of neighborhood built environment, electronic media and parental rules with sedentary behaviors in Washington DC area children” [oral presentation]. Active Living Research Conference, Clearwater, FL, February 26-March 1, 2017.
11. **ROBERTS JD**, Knight B, Ray R, Saelens BE. “The influence of home and neighborhood environments on sedentary behaviors among Washington DC area children” [oral presentation]. 6th International Congress on Physical Activity and Public Health, Bangkok, Thailand, November 16-19, 2016.
12. **ROBERTS JD**, Roberts MA. “Wind Turbines: Is There a Health Risk?” [oral presentation]. Seventh International Conference on the Science of Exposure Assessment (X2012) Abstract Book, July 2-5, 2012.

II.D.4. REFEREED POSTERS

#denotes advised or mentored student

1. **ROBERTS JD** and Jette, SL. “NatureRx@UMD: Pursuing Greenspace as a Health and Wellness Resource” [poster presentation]. Active Living Research Conference, Orlando, FL, February 2-5, 2020.
2. **ROBERTS JD**, Hu M, Saksvig BI, Brachman ML, Durand CP. “Perceptions of the Future Purple Line: Preliminary Qualitative Findings of the Purple Line Impact on Neighborhood, Health and Transit (PLIGHT) Study” [poster presentation]. International Society of Behavioral Nutrition and Physical Activity Conference. Prague, Czech Republic, June 4-7, 2019.

3. **ROBERTS JD**, Hu M, Saksvig BI, Brachman ML, Durand CP. "It's Not All Good" - Perceptions of the forthcoming Purple Line Light Rail in communities of color" [poster presentation]. Active Living Research Conference, Charleston, SC, February 17-20, 2019.
4. **ROBERTS JD**, Mandic S, Fryer CS, Ray R. "An Intersectional Analysis of Active Transportation Experiences among Washington DC Area Youth" [poster presentation]. 7th International Congress on Physical Activity and Public Health, London, England, October 15-17, 2018.
5. Huang D, Puett RC, Montresor-Lopez J, Ray R, **ROBERTS JD**. "Relationship of Sociodemographic Factors with Indoor and Outdoor Physical Activity in Washington DC Area Children" [poster presentation]. Active Living Research Conference, Banff, Canada, February 11-14, 2018.
6. **ROBERTS JD**, Knight B, Ray R, Saelens BE. "Kids, you don't need electricity to play!: Findings from the Built Environment and Active Play Study in the Washington DC Area" [poster presentation]. International Society of Behavioral Nutrition and Physical Activity Conference. Victoria, Canada, June 7-10, 2017.
7. Rodkey L#, Grisham C, Ray R, Saelens BE, **ROBERTS JD**, Knight B, Ray R, Saelens BE. "Family dog ownership, parental perceived built environment measures, and physical activity levels among Washington, D.C. area children" [poster presentation]. Active Living Research Conference, Clearwater, FL, February 26-March 1, 2017.
Lindsey Rodkey presented this poster
8. **ROBERTS JD**, Rodkey L#, Ray R, Saelens BE. "Active transportation behaviors among Washington DC area children and the association with parental perceived built environment variables" [poster presentation]. Active Living Research Conference, Clearwater, FL, February 26-March 1, 2017.
9. **ROBERTS JD**, Knight B, Ray R, Saelens BE. "Parental perceived built environment measures and active play in Washington DC Metropolitan children" [poster presentation]. International Society of Behavioral Nutrition and Physical Activity Conference, Cape Town, South Africa, June 7-10, 2016.
10. Montresor-López JA#, Puett RC, Knight B, Ray R, Saelens B, **ROBERTS JD**. "Outdoor and Indoor Play Predictors in Washington DC Metropolitan Children" [poster presentation]. 37th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Washington, DC, March 30-April 2, 2016.
Jessica Montresor- López presented this poster
11. **ROBERTS JD**, Knight B, Ray R, Saelens BE. "Parental perceived built environment measures and active play in Washington DC Metropolitan children" [poster presentation]. Active Living Research Conference, Clearwater, FL, January 31-February 3, 2016.
12. **ROBERTS JD**, Knight B, Ray R, Saelens BE. "Sedentary behaviors in Washington DC area children" [poster presentation]. Sedentary Behavior and Health Conference, Urbana-Champaign, IL, October 15-17, 2015.

13. **ROBERTS JD**, Voss JD, Knight B. "Physical inactivity, ambient air pollution and obesity in the United States" [poster presentation]. Conference Environment and Health – Bridging South, North, East and West in Basel, Switzerland (International Conference on Environmental Epidemiology and Exposure; International Society of Exposure Science; International Society of Indoor Air Quality) Abstract Book, Basel, Switzerland, August 19, 23, 2013.

II.D.5. REFEREED ABSTRACTS

#denotes advised or mentored student

1. **ROBERTS JD**. "Have the U.S. automobile drivers "going green" made an impact on greenhouse gases?". Annual Conference of the International Society of Exposure Science Abstract Book, 2009.
2. **ROBERTS JD**. "The incentives and deterrents of choosing an alternative fuel or hybrid electric vehicle". Annual Conference of the International Society of Exposure Science Abstract Book, 2009.
3. **ROBERTS JD**, Reiss R. "Human health risk assessment of exposure to pesticides in Parlier, California". Toxicologist 2009; 108(1):171.
4. Donovan E, Unice K, **ROBERTS JD**, Giles K. "Risk analysis of prion transmission during brain surgery: Evaluation of a novel decontamination technique". International Conference on Exposure Analysis Abstract Book, 2007.
5. Silbergeld E, **ROBERTS J**, Graczyk T, McOliver C. "Pathogen exposure risks among anglers in urban watersheds." International Conference on Environmental Epidemiology Abstract Book, 2007.
6. **ROBERTS JD**, Galbraith DA, Finley BL. "A comprehensive review of occupational exposure to diacetyl in microwave popcorn facilities". Toxicologist 2007; 96(1):412–413.
7. Staskal DF, Donovan E, **ROBERTS JD**, Unice K, Finley B, Harris M. "Human health risk associated with exposure to pathogen-contaminated sediments". Toxicologist 2007; 96(1):335.
8. **ROBERTS JD**, Galbraith D, Finley B. "A comprehensive review of occupational exposure to diacetyl in microwave popcorn facilities". International Conference on Environmental Epidemiology and Exposure Abstract Book, 2006.
9. **ROBERTS J**, Silbergeld E, Graczyk T. "A risk analysis of the level of risk to Cryptosporidium through consuming or having contact with contaminated fish among Baltimore urban anglers in Maryland". International Conference on Environmental Epidemiology and Exposure Abstract Book, 2006.
10. Donovan E, **ROBERTS JD**, Harris M, Finley B. "Risk of gastrointestinal disease associated with pathogen exposure in the Lower Passaic River." International Conference on Environmental Epidemiology and Exposure Abstract Book, 2006.

11. **ROBERTS JD**, Silbergeld E, Graczyk T. “Risk of Cryptosporidium infection among Baltimore urban anglers”. *Toxicologist* 2006; 90(1):329–330.
12. **ROBERTS JD**. “Urban fishing: An under-recognized risk”. *J Urban Health* 2003; 80 (Suppl 2).
13. **ROBERTS JD**. “Comparison of racial identity and body image in black and white female college students”. *Annals of Behavioral Medicine*. 1997; 19(Suppl):S153.

II.D.6. NON-REFEREED POSTERS

#denotes advised or mentored student

1. Huang D#, Montresor-López JA#, Ray R, Puett R, Saelens BE, **ROBERTS JD**. “Outdoor and Indoor Play Predictors in Washington DC Metropolitan Children” [poster presentation]. UMD Public Health Research Day, April 6, 2017.
Dina Huang presented this poster and received Doctoral Poster Award
2. Saideman T# and **ROBERTS JD**. “Obesity Disparities among Minority and Immigrant Youth: Are Sports Teams a Venue for Intervention” [poster]. UMD Public Health Research Day, April 6, 2017.
Tara Saideman presented this poster

II.D.7. WORKSHOPS

1. **ROBERTS JD (Co-Principal Investigator)**, The National Science Foundation awarded a grant for support of the Collaborative Research: Workshop on “Health in Buildings for Today and Tomorrow”, National Institutes of Health, Natcher Conference Center, Bethesda, MD, July 19-20, 2018.

II.E. Significant Works in Public Media

II.E.1. COMMENTARY / ANALYSIS

- 2021 **ROBERTS JD**. “Pandemics and Protests: America Has Experienced Racism Like This Before”, Brookings, June 9, 2021. Available at:
<https://www.brookings.edu/blog/how-we-rise/2021/06/09/pandemics-and-protests-america-has-experienced-racism-like-this-before/>
- 2020 **Risk and Social Policy Working Group (ROBERTS JD)**. “How Promising is the Vaccine News if People Won’t Take it?”, (Newsweek), December 8, 2020. Available at:
<https://www.newsweek.com/how-promising-vaccine-news-if-people-wont-take-it-opinion-1552235>
- 2020 Smith-Bynum MA, Fryer CS, **ROBERTS JD**, Dallal CM, Dyer TV, Butler J. “Too Many Names, Too Many Hashtags: The Killing of Unarmed Black People is a Public Health Pandemic”, June 7, 2020. Available at:
<https://medium.com/@miaumaryland/too-many-names-too-many-hashtags-the-killing-of-unarmed-black-people-is-a-public-health-pandemic-6c6e9cf634c3>
- 2020 **ROBERTS JD**. “Central Park: Black Bodies, Green Spaces, White Minds”, Medium, June 5, 2020. Available at:

<https://medium.com/@ActiveRoberts/central-park-black-bodies-green-spaces-white-minds-3efebde69077>

2019 **ROBERTS JD**, “There is No Green Book for Walking”, Context, (Quarterly Online Magazine), August 31, 2019. Available at: <https://contexts.org/blog/there-is-no-green-book-for-walking/>

II.F. Sponsored Research and Programs – Office of Research Administration (ORA)
II.F.1. GRANTS

FUNDED	
STATUS: ACTIVE	
1.	Title: JPB Environmental Health Fellowship, Harvard University T.H. Chan School of Public Health Funder: JPB Foundation/Harvard University Award: \$240,000 Funding Period: 10/1/2018 – 2/28/2022 Role: Principal Investigator
2.	Title: The incenTrip App: Using Integrated Health Measures and Incentives Technology to Improve Transportation and Advance Public Health by Influencing Travel Behavior Funder: Maryland Transportation Institute Award: \$49,962 Funding Period: 3/1/2019 – 4/30/2021 Role: Co-Principal Investigator (Co-PI: Chenfeng Xiong)
3.	Title: Purple Line Impact on Neighborhood, Health and Transit (PLIGHT) Study: Understanding Strategies for Research Engagement of Underrepresented African American and Latino Populations in Prince George’s County, Maryland Funder: National Institute on Minority Health and Health Disparities Award: Loan Repayment Funding Period: 10/1/2019 – 9/30/2021 Role: Principal Investigator
4.	Title: RAPID: Easing COVID-19 Restrictions: How Variation in State Policy and Public Health Messaging Strategies Impact Risk Perceptions and Behaviors Across Time Funder: National Science Foundation Award: \$164,638 Funding Period: 6/15/2020 – 5/31/2021 Role: Advisor (PI: Rob Deleo; Co-PI: Katie Dickinson, Deserai Crow, Elizabeth Koebele, Elizabeth Shanahan)
5.	Title: RAPID: Partisanship, Trust, and Vaccine Hesitancy: Impacts of the 2020 Election on COVID-19 Risk Management Funder: National Science Foundation Award: \$198,846 Funding Period: 11/15/2020 – 10/31/2021 Role: Co-PI (PI: Rob Deleo; Co-PI: Katie Dickinson, Elizabeth Koebele, Lindsay Neuberger)

STATUS: COMPLETED

1. **Title:** Health & Public Transit: Exploring Changes in Physical Activity Levels of African Americans and Latinos when Neighborhood Transportation Infrastructure is Significantly Altered
Funder: Bank of America-Kemp Scholars Program
Award: \$4,044
Funding Period: 7/17/2019 – 8/7/2019
Role: Faculty Research Mentor to Beatrice Levy
2. **Title:** Purple Line Outcomes on Transportation (PLOT) Study: An Examination of Pre-Purple Line Active Transportation Behaviors and Attitudes among Prince George's County Residents
Funder: University of Maryland College Park Faculty Incentive Program (Tier I)
Award: \$49,902
Funding Period: 8/1/2017 – 1/31/2019
Role: Principal Investigator (Co-Investigators: Ming Hu, Brit Saksvig)
3. **Title:** Collaborative Research: Workshop on "Health in Buildings for Today and Tomorrow"
Funder: National Science Foundation
Award: \$24,799
Funding Period: 10/1/2017 – 9/30/2018
Role: Co- Principal Investigator (Co-PI: Patrick Phelan, Ming Hu, Na Wang, Linda Sorrento)
4. **Title:** Exploring Intersectionality in the Physical Environment through an Analysis of Active Transportation Experiences among Washington DC area Adolescents
Funder: University of Maryland Consortium on Race, Gender and Ethnicity
Award: \$4,500
Funding Period: 5/1/2017 – 4/30/2018
Role: Principal Investigator
5. **Title:** Active Living in the United States and New Zealand
Funder: University of Maryland Global Partnerships Faculty Travel Grant
Award: \$4,160
Funding Period: 5/23/2017 – 3/1/2018
Role: Principal Investigator
6. **Title:** The Built Environment and Human Health: Two Pilot Studies
Funder: Uniformed Services University Office of Research [C087M8-S2]
Award: \$150,000
Funding Period: 8/1/2011 – 8/30/2015
Role: Principal Investigator
7. **Title:** Ruth L. Kirschstein National Research Service Award (NRSA)
Funder: National Institute of Environmental Health Sciences
Award: Pre-Doctoral
Funding Period: 8/1/2001 – 5/31/2004
Role: Principal Investigator

UNDER REVIEW

SUBMITTED 2020 – 2021 ACADEMIC YEAR

- Title:** SCC-PG: Park WiFi as a BRIDGE to Community Resilience
Funder: National Science Foundation
Award: \$150,000
Funding Period: 9/1/2021 – 8/31/2022
Role: Co-Principal Investigator (PI: Nirupam Roy, Co-PI Beth Bonsignore, Co-PI: Kim Fisher; Co-PI Byoung-Suk Kweon, Co-PI Naomi Sachs)

UNFUNDED

SUBMITTED 2020 – 2021 ACADEMIC YEAR

- Title:** Agent-Based Modeling of the Impact of Mobility on Public Health During COVID-19 Pandemic
Funder: National Science Foundation
Award: \$750,000
Funding Period: 12/1/2020 – 11/30/2023
Role: Co-Principal Investigator (PI: Derek Paley, Co-PI Jae Kun Shim, Co-PI: Chenfeng Xiong)
- Title:** SCC-CIVIC-PG Track B: PARKS TECH – Adapting and Expanding Public Park WiFi Systems for Community Resiliency and Health
Funder: National Science Foundation
Award: \$50,000
Funding Period: 12/1/2020 – 11/30/2023
Role: Co-Principal Investigator (PI: Nirupam Roy, Co-PI Beth Bonsignore, Co-PI: Kim Fisher; Co-PI Byoung-Suk Kweon, Co-PI Naomi Sachs)

SUBMITTED 2019 – 2020 ACADEMIC YEAR

- Title:** Examining the Privilege and Polarization of Social Distancing (EPOS) Study
Funder: Russell Sage Foundation
Award: \$175,000
Funding Period: 11/1/2020 – 10/31/2022
Role: Principal Investigator (Co-PI: Deb Niemeier, Tianzhou Ma)
- Title:** Data-Driven Analysis of the Impact of Personal Mobility on Public Health
Funder: University of Maryland Strategic Partnership MPowering the State (MPower COVID-19 Response Fund)
Award: \$100,000
Funding Period: 7/15/2020 – 7/14/2021
Role: Co-Principal Investigator (UMD PI: Derek Paley, UMB PI: Chenfeng Xiong, Co-PI: Jae Kun Shim)
- Title:** Venue Based Transmission of COVID-19 to Understand Impact of Reopening
Funder: University of Maryland Strategic Partnership MPowering the State (MPower COVID-19 Response Fund)
Award: \$70,461
Funding Period: 7/15/2020 – 7/14/2021

Role: UMD Principal Investigator (UMB PI: Kartik Kaushik, Co-PI: Margaret Lauerman, Deb Niemeier)

4. **Title:** Data-Driven Analysis of the Impact of the Coronavirus Pandemic on Personal Mobility and Public Health
Funder: Coronavirus Research Seed Program
Award: \$50,000
Funding Period: 4/1/2020 – 9/30/2020
Role: Co-Principal Investigator (Co-PI: Derek Paley, Jae Kun Shim)
5. **Title:** Research in Electric Scooter Urban Mobility (RESUME): Applied Research in Guidelines for Safe Use
Funder: Transportation Research Board
Proposed Award: \$490,000
Proposed Funding Period: 5/1/2020 – 10/31/2022
Role: Co-Principal Investigator (Co-PI: Derek Paley, Jae Kun Shim, Lei Zhang, Chenfeng Xiong, Hyun Joon Kwon, Marta Woldu)
6. **Title:** Center for Community Science to Eliminate Environmental Health Disparities (SEEH) - Greenness and Citizen Science Prescriptions (GreenCiti): Using citizen science to improve access to green space and physical activity opportunities for environmental health disparity populations
Funder: National Institute on Minority Health and Health Disparities
Proposed Award: \$1,168,595
Proposed Funding Period: 7/1/2020 – 6/30/2025
Role: Project Lead (PI: Sacoby Wilson; Co-PI: Caren Cooper; Co-I: Erin Hager, James Aaron Hipp, Avelino Verceles, Yan Wang)
7. **Title:** Purple Line Light Rail Impact on Neighborhood, Health and Transit: A Natural Experiment in a Predominately African American and Hispanic Community
Funder: National Institute of Diabetes and Digestive and Kidney Diseases
Proposed Award: \$3,795,780
Proposed Funding Period: 7/1/2020 – 6/30/2025
Role: Principal Investigator (Co-I: Micah Brachman, Casey Durand, Ming Hu, Sushant Ranadive, Brit Saksvig, Jing Zhang)
8. **Title:** 2019 Community Change Grant – NatureRx@UMD Wayfinding for University of Maryland Arboretum
Funder: America Walks
Proposed Award: \$1,500
Proposed Funding Period: 1/1/2020 – 12/31/2020
Role: Principal Investigator
9. **Title:** Built Environment and Transportation: Connecting a Sense of Place to Travel Choice
Funder: Maryland Transportation Institute
Proposed Award: \$50,000
Proposed Funding Period: 1/1/2020 – 12/31/2020
Role: Co-Principal Investigator (Co-PI: Ming Hu)

SUBMITTED 2018 – 2019 ACADEMIC YEAR

- Title:** Purple Line Light Rail Impact on Neighborhood, Health and Transit: A Natural Experiment in a Predominately African American and Hispanic Community
Funder: National Institute of Diabetes and Digestive and Kidney Diseases
Proposed Award: \$3,794,992
Proposed Funding Period: 7/1/2020 – 6/30/2025
Role: Principal Investigator (Co-I: Micah Brachman, Casey Durand, Ming Hu, Sushant Ranadive, Brit Saksvig, Jing Zhang)
- Title:** A Comprehensive Analysis of Bikeshare Program as an Effective Obesity Reduction Policy in the Washington, D.C. Metropolitan Area
Funder: Maryland Transportation Institute
Proposed Award: \$49,078
Proposed Funding Period: 3/1/2019 – 12/31/2019
Role: Co-Principal Investigator (Co-PI: Arefeh Nasri, Gerrit Knapp)
- Title:** Built Environment and Transportation: Connecting a Sense of Place to Travel Choice
Funder: Maryland Transportation Institute
Proposed Award: \$50,000
Proposed Funding Period: 3/1/2019 – 12/31/2019
Role: Co-Principal Investigator (Co-PI: Ming Hu)

SUBMITTED 2017 – 2018 ACADEMIC YEAR

- Title:** Purple Line Outcomes on Transportation (PLOT) Study: Understanding Strategies for Research Engagement of Underrepresented African American and Latino Populations in Prince George's County, Maryland
Funder: National Institute on Minority Health and Health Disparities
Proposed Award: Loan Repayment
Proposed Funding Period: 9/1/2018 – 8/30/2020
Role: Principal Investigator
- Title:** Purple Line Outcomes on Transportation (PLOT) Study: Understanding Strategies for Research Engagement of Underrepresented African American and Latino Populations in Prince George's County, Maryland
Funder: National Institute on Minority Health and Health Disparities
Proposed Award: Loan Repayment
Proposed Funding Period: 9/1/2018 – 8/30/2020
Role: Principal Investigator
- Title:** Active Transportation in Prince George's County (AT PG County) Project
Funder: University of Maryland Sustainability Fund
Proposed Award: \$24,210
Proposed Funding Period: 10/1/2018 – 9/31/2019
Role: Principal Investigator
- Title:** Planning Grant: Engineering Research Center for Sustainable Healthy and Productive Environments (SHAPE)
Funder: National Science Foundation

Proposed Award: \$100,000
Proposed Funding Period: 6/1/2019 – 5/31/2020
Role: Co- Principal Investigator (PI: Phelan, P)

SUBMITTED 2016 – 2017 ACADEMIC YEAR

- Title:** Exploring Sense of Community Attitudes and Active Transportation Interaction as an Indicator of Community's Connectivity and Public Health
Funder: Dr. Scholl Foundation Research Grant
Proposed Award: \$25,000
Proposed Funding Period: 12/1/2017 – 12/30/2018
Role: Co-Investigator (PI: Hu, M)
- Title:** Understanding Prince George's Rates of Activity Development and Endurance (UPGRADE) Study
Funder: National Institute of Nursing Research (R21)
Proposed Award: \$275,000
Proposed Funding Period: 9/1/2017 – 8/31/2019
Role: Principal Investigator (Co-I: Laura Anderko, Julie Kientz, Jing Zhang)
- Title:** Enabling Sense of Community through Research of Active Transportation (E-SOCRAT)
Funder: National Science Foundation
Proposed Award: \$896,057
Proposed Funding Period: 7/1/2017 – 12/31/2019
Role: Co-Investigator (PI: Srebric, J)
- Title:** The Community Health Impact of the Purple Line (CHIP): Transit-Induced Gentrification in a Low-Income, Immigrant Suburb
Funder: Robert Wood Johnson Foundation
Proposed Award: \$349,985
Proposed Funding Period: 9/1/2017 – 9/30/2020
Role: Co-Investigator (PI: Lung-Amam, W)
- Title:** The PEAT Study: An Examination of the Impact of the Washington, DC Metro Silver Line on Adolescent Active Transportation
Funder: University of Maryland College Park Faculty Incentive Program (Tier I)
Proposed Award: \$49,427
Proposed Funding Period: 1/1/2017 – 12/31/2017
Role: Principal Investigator (Co-PI: Ming Hu)
- Title:** Exploring Sense of Community Attitudes and Active Transportation Interaction as an Indicator of Community's Connectivity and Public Health
Funder: ORAU: Ralph E. Powe Junior Faculty Enhancement Awards
Proposed Award: \$10,000
Proposed Funding Period: 1/1/2017 – 12/31/2017
Role: Co-Investigator (PI: Hu, M)
- Title:** Physical Environment and Active Transportation Study-A
Funder: Maryland Population Research Center
Proposed Award: \$14,809
Proposed Funding Period: 1/1/2017 – 12/31/2017

Role: Principal Investigator

SUBMITTED 2015 – 2016 ACADEMIC YEAR

1. **Title:** R13 Study - Expanding Prenatal Care in Prince George's County
Funder: National Institute of Child Health and Human Development
Proposed Award: \$28,481
Proposed Funding Period: 1/1/2016 – 12/31/2016
Role: Advisor (PI: Jette, S)
2. **Title:** Physical Environment and Active Transport (PEAT): The Impact of the Washington, DC Metrorail Silver Line Extension on Adolescent Active Transport
Funder: University of Maryland Research and Scholarship Awards (RASA)
Proposed Award: \$9,000
Proposed Funding Period: 6/1/2016 – 8/31/2016
Role: Principal Investigator

II.G. Research Fellowships, Prizes and Awards

- 2019 **Dean Nominated Honoree**, Inaugural Maryland Research Excellence Celebration
- 2018 **Fellow**, Harvard University JPB Environmental Health Fellowship
- 2017 **Invited Visiting Researcher**, School of Physical Education, Sport, and Exercise Sciences at the University of Otago, Dunedin, New Zealand
- 2017 **Department Chairman Nominated Honoree**, UMD 10th Annual University-Wide Celebration of Scholarship and Research
- 2017 **Awardee**, The Dr. Antronette (Toni) Yancey and Darlene Edgley Fellowship for Health Promotion, Physical Fitness and Community Health Education Conference Assistance Award
- 2016 **Inductee**, Gamma Zeta Chapter of Delta Omega National Honorary Society for Public Health at University of Maryland College Park
- 2016 **Awardee**, Chesapeake Project Faculty Development Workshop - University of Maryland College Park Participant
- 2015 **Awardee**, National Research Mentoring Network Academic and Professional Development Conference Travel Award
- 2013 **Awardee**, Robert Wood Johnson Foundation New Connections Seventh Annual Symposium Travel Award
- 2012 **Awardee**, 6th Annual Robert Wood Johnson Foundation New Connections Research and Coaching Clinic Travel Award
- 2004 **Finalist**, Student Research Award, Environment Section, American Public Health Association

2003 **Honorable Mention Awardee**, Student Research, The New York Academy of Medicine

2001 **Awardee**, National Research Service Award, National Institute of Environmental Health Sciences

III. **TEACHING, EXTENSION, MENTORING, AND ADVISING**

III.A. Courses Taught

2019 – Present **Instructor**, KNES 401: Zip Code: Its Prediction on Physical Activity and Health (Undergraduate Level, 3 credits), UMD-SPH
Enrollment: 7 (Fall 2019); 29 (Fall 2020)

2018 – Present **Instructor**, KNES 497: Physical Activity, Built Environment and Public Health (Undergraduate Level, 3 credits), UMD-SPH
Enrollment: 20 (Spring 2018); 20 (Spring 2019); 18 (Spring 2020)

2017 – 2019 **Instructor**, "Built Environment and Health", Kyung Hee University Summer Active Learning Program for Excellence (Undergraduate Level, 5-Day Course), UMD-SPH
Enrollment: 30 (Summer 2017); 50 (Summer 2018); 50 (Summer 2019)

2016 – 2018
2020 – Present **Instructor**, KNES 600: Kinesiology in Public Health (Graduate Level, 3 credits), UMD-SPH
Enrollment: 9 (Fall 2016); 10 (Fall 2017); 4 (Fall 2018); 6 (Fall 2020)

2016 – 2019 **Instructor**, KNES 601: Epidemiology of Physical Activity (Graduate Level, 3 credits), UMD-SPH
Enrollment: 11 (Spring 2016); 4 (Spring 2017); 2 (Spring 2018); 3 (Spring 2019)

2017 **Instructor**, URSP 705_0101: Summer Community Planning Studio I (Graduate Level, 3 credits), UMD-ARCHITECTURE
Enrollment: 11 (Summer 2017)

2017 **Instructor**, URSP 706_0201: Summer Community Planning Studio II (Graduate Level, 3 credits), UMD-ARCHITECTURE
Enrollment: 11 (Summer 2017)

III.B. Independent Study

2018 – Present **Instructor**, KNES 689: Special Problems in Kinesiology (Graduate Level, 3 credits), UMD-SPH
Enrollment: 1 (Spring 2017); 1 (Spring 2018); 1 (Fall 2018); 1 (Spring 2019); 1 (Fall 2019); 2 (Spring 2020); 2 (Fall 2020)

2018 – Present **Instructor**, KNES 609: Research Issues in Kinesiology (Graduate Level, 3 credits), UMD-SPH
Enrollment: 1 (Fall 2018); 2 (Spring 2020); 2 (Fall 2020)

2016 – Present	Instructor , KNES 389: Topical Investigations (Undergraduate Level, 1 credit), UMD-SPH Enrollment: 1 (Spring 2016); 2 (Spring 2017); 1 (Fall 2017); 1 (Spring 2018); 1 (Fall 2018); 1 (Spring 2020)
2016 – 2017	Instructor , KNES 785_0101: Internship in Physical Activity and Public Health (Graduate Level), UMD-SPH Enrollment: 2 (Fall 2016); 3 (Fall 2017); 1 (Fall 2018)
2017 – 2018	Instructor , KNES 786_0101: Capstone Project in Physical Activity and Public Health (Graduate Level), UMD-SPH Enrollment: 2 (Spring 2017); 2 (Spring 2018)
2019	Instructor , KNES 898: Pre-Candidacy Research (Graduate Level, 3 credits), UMD-SPH Enrollment: 1 (Spring 2019)
2019	Instructor , KNES 289: Topical Investigations (Undergraduate Level, 1 credit), UMD-SPH Enrollment: 1 (Spring 2019)

III.C. Teaching Innovations

III.C.1. COURSE OR CURRICULUM DEVELOPMENT

Course Creation

KNES 401: Zip Code: Its Prediction on Physical Activity and Health

This new upper level undergraduate course is inspired by the phrase, “Your zip code is a better predictor of your health than your genetic code”, a statement originated by Dr. Melody Goodman, an Associate Professor of Biostatistics at NYU. The course provides an opportunity for in-depth analysis, critical thinking, and discussion on questions such as, “How can we better understand the health implications of our built environments, particularly in regard to physical activity?”; “How can we address health inequity issues related to built and social environments?” Students have the opportunity to reflect and examine physical activity epidemiological research findings by considering the social, political, economic, and environmental contexts that create and sustain health outcome disparities and inequities.

Course Section Creation

KNES 497: Physical Activity, Built Environment and Public Health

A new section for an upper level undergraduate course (kinesiology majors) was created for students to examine and critically analyze the current research literature relevant to the relationship between the built environment and physical activity as well as the public health impacts of this relationship. An in-depth, independent examination of the current active living research will be achieved through in-class discussions and interactive assignments in the class as well as in the community.

Course Modification

KNES 601: Epidemiology of Physical Activity

Course material and content was updated to include a more depth and breadth of physical activity epidemiological concepts. Principles of sustainability as relate to active living which were discussed during the Chesapeake Project Faculty

Development Workshop were also incorporated into the course. New assignments and in-class exercises were created to provide students with opportunities to apply knowledge and stimulate class discussion.

III.D. Advising: Research or Clinical
 III.D.1. UNDERGRADUATE

2020 – 2021 **Honors Thesis Advisor**, Hannah Fields, BS Candidate – Honors Program, Department of Kinesiology, UMD-SPH, “TERPS Transport Study” (Anticipated Completion – 2021)
 Placement: TBD

2020 – 2017 **Honors Thesis Advisor**, Tara Saideman, BS Candidate – Honors Program, Department of Kinesiology, UMD-SPH, “Immigrant generational status and sport team involvement” (Graduated – 2017)
 Placement: Therapy Aid, MCMO Movement (Bethesda, MD)

III.D.2. MASTER’S

2021 – Present **Academic Advisor**, Jailyn Morris, MPH Candidate, Department of Kinesiology, UMD-SPH, (Anticipated Completion – 2023)
 Placement: TBD

2021 – Present **Academic Advisor**, Emma Powell, MPH Candidate, Department of Kinesiology, UMD-SPH, (Anticipated Completion – 2023)
 Placement: TBD

2020 – Present **Academic Advisor**, Heidi Mattick, MPH Candidate, Department of Kinesiology, UMD-SPH, (Anticipated Completion – 2022)
 Placement: TBD

2019 – 2020 **Committee Member**, Sara Wallace, MLA Candidate, Department of Landscape Architecture, UMD, “*A Design for NatureRx on the University of Maryland Campus*” (Graduated – 2020)
 Placement: TBD

2018 – 2019 **Committee Member**, Brandon Lee, MPH Candidate, Department of Kinesiology, UMD-SPH, “Physical Activity and Walk Score” (Graduated – 2019)
 Placement: Deloitte Consulting (Bethesda, MD)

2018 **Academic Advisor**, Orsi Young, MPH Candidate, Department of Kinesiology, UMD-SPH, (Withdrew)
 Placement: Montgomery County Maryland Police Department

2017 – 2020 **Academic Advisor / Committee Chair**, Jennifer Lee, MPH Candidate, Department of Kinesiology, UMD-SPH, “A Pilot Nature Walk as Therapeutic Recreation for Adults with Intellectual and Developmental Disabilities” (Graduates – 2020)
 Placement: TBD

- 2016 – 2018 **Academic Advisor / Committee Chair**, Terrel Everette, MPH Candidate, Department of Kinesiology, UMD-SPH, “Increasing Exercise Frequency Through the Implementation of a After School Physical Activity Intervention (MOVE)” (Graduated – 2018)
Placement: Prevention/Early Intervention Consultant, Alcohol and Drug Services (Sanford, NC)
- 2017 – 2018 **Committee Member**, Matt Bradley, MPH Candidate, Department of Kinesiology, UMD-SPH, “*Physical Activity and Falls in an Aging Population of Adults*” (Graduated – 2018)
Placement: Clinical Research Project Manager, Walter Reed Military Medical Center (Bethesda, MD)
- 2017 – 2018 **Committee Member**, Arielle Ocampo, MPH Candidate, Department of Kinesiology, UMD-SPH, “Increasing Exercise Adherence in Adults with Arthritis After Participation in an Exercise Program” (Graduated – 2018)
Placement: Coach, Amazing Athletes (Los Angeles, LA)
- 2016 – 2017 **Academic Advisor / Committee Chair**, Lindsey Rodkey Winter, MPH Candidate, Department of Kinesiology, UMD-SPH, “Development of a mobile phone app to encourage Baltimore City youth to be physically active in Gwynns Falls/Leakin Park” (Graduated – 2017)
Placement: Academic Advisor, Department of Kinesiology, UMD-SPH
- 2016 – 2017 **Academic Advisor / Committee Chair**, Sara Olsen, MPH Candidate, Department of Kinesiology, UMD-SPH, “Inclusive non-curricular school based physical activity intervention for adolescents with educational disabilities” (Graduated – 2017)
Placement: PhD Student, Behavioral and Community Health, UMD-SPH
- 2016 – 2017 **Committee Member**, Andrea Romeo, MPH Candidate, Department of Kinesiology, UMD-SPH, “Increasing participation rates in a worksite wellness physical activity program: A pilot study” (Graduated – 2017)
Placement: MPH Coordinator, Department of Kinesiology, UMD-SPH
- 2015 – 2018 **Committee Member**, Shantell Steve, ScM Candidate, Brown University, (Graduated – 2018)
Placement: Research Assistant, Loyola Marymount University
- III.D.3. DOCTORAL
- 2021 – Present **Academic Advisor**, Rebecca Hess, PhD Candidate, Department of Kinesiology, UMD-SPH, (Anticipated Completion – 2025)
Placement: TBD

- 2020 – Present **Academic Advisor**, Roger Isom, PhD Candidate, Department of Kinesiology, UMD-SPH, (Anticipated Completion – 2024)
Placement: TBD
- 2019 – 2020 **Committee Member**, Leslie Jordan, PhD Candidate, Department of Kinesiology, UMD-SPH, (Anticipated Completion – 2024)
Placement: TBD
- 2018 – Present **Academic Advisor**, Shuling Wu, PhD Candidate, Department of Kinesiology, UMD-SPH, (Anticipated Completion – 2023)
Placement: TBD
- 2018 – 2019 **Committee Member**, Jina Mahmoudi, PhD Candidate, Department of Civil and Environmental Engineering, UMD, “Impact of Metropolitan-Level Built Environment on Non-Motorized Travel Behavior and Health” (Graduated – 2019)
Placement: Post-Doctoral Researcher, Maryland Transportation Institute
- 2017 – 2019 **Committee Member**, Daniel Dalgo Reyes, PhD Candidate, Department of Mechanical Engineering, UMD, “Dynamic thermal comfort of individual occupants with personalized ventilation” (Graduated – 2019)
Placement: Energy Engineer, Montgomery College
- 2016 – 2019 **Committee Member**, Stephanie Cork, PhD Candidate, Department of Kinesiology, UMD-SPH, “The physical culture of diversity work: A case study of embodied inclusion and exclusion at the University of Maryland” (Graduated – 2019)
Placement: Private Consulting
- 2015 – 2019 **Committee Member**, Omni Cassidy, PhD Candidate, USUHS, “The effect of food marketing and attentional biases on eating behaviors in African American adolescent girls” (Graduated – 2019)
Placement: Post-Doctoral Fellow, New York University
- 2016 – 2018 **Committee Member**, Samuel Clevenger, PhD Candidate, Department of Kinesiology, UMD-SPH, “Acts of Livelihood: Bodies and Nature in the International Garden City Movement, 1898-1937” (Graduated – 2018)
Placement: Lecturer, Townson University
- 2015 – 2016 **Committee Member, Kristi Tredway**, PhD Candidate, Department of Kinesiology, UMD-SPH, “Charging the net: Social activism in women’s professional tennis” (Graduated – 2016)
Placement: Cultural Oncologist, Johns Hopkins University
- 2013 – 2020 **Committee Member**, Cheryl Ward, PhD Candidate, UIC, “Predictors and Effects of Risk Perception among Chicago Area Waterways Recreational Users” (Graduated – 2020)
Placement: TBD

III.E. Advising: Other than Directed Research
III.E.1. UNDERGRADUATE

2021 – Present	Andrea Jaffe , UMD-SPH PHOEBE Lab Internship
2021 – Present	Sameen Ahmed , UMD-SPH PHOEBE Lab Internship
2020 – 2020	Veronica Gottilla , UMD-SPH PHOEBE Lab Internship
2020 – 2020	Jovanna Aragon , UMD-SPH Public Health Science Independent Study
2020 – 2020	Awele Otuya , UMD-SPH Public Health Science Independent Study
2019 – 2020	Faith Toure , UMD-SPH PHOEBE Lab Internship
2019 – 2020	Murielle Tembunde , UMD-SPH Public Health Science Independent Study
2019 – 2020	Aliyah Sharif , UMD-SPH Public Health Science Independent Study
2019	Jariatu Jambai , UMD-SPH, UM Star Internship
2018 – 2019	Nneka Atupulazi , UMD-SPH Public Health Science Independent Study
2018 – 2019	Glory Ekhaton , UMD-SPH Public Health Science Independent Study
2018 – 2019	Rachael Oluwasanmi , UMD-SPH Public Health Science Independent Study
2018 – 2019	Root Woldu , UMD Louis Stokes Alliance for Minority Participation
2018	Rae-Shelle Mortimer , Tuskegee University, UM Star Internship
2018	Miryan Jara , Texas A&M University, UM Star Internship
2017 – 2019	Daunece Cox , UMD-SPH PHOEBE Lab Internship
2017 – 2018	Michelle Obijekwu , UMD-SPH PHOEBE Lab Internship
2017 – 2018	Hayes Zhang , UMD-SPH PHOEBE Lab Internship
2017 – 2018	Dylan Chan , UMD-SPH PHOEBE Lab Internship
2017 – 2018	Linda Kuo , UMD-SPH PHOEBE Lab Internship
2016 – 2018	Shriya Dalsania , UMD-SPH PHOEBE Lab Internship
2016 – 2018	Meghana Annadata , UMD-SPH PHOEBE Lab Internship
2016 – 2017	Anika Khan , UMD-SPH PHOEBE Lab Internship

2016 – 2017	Yasaman Hosseini , UMD-SPH PHOEBE Lab Internship
2016 – 2017	Cortney Grisham , Austin Peay State University, UM Star Internship
2016	Davette Vice , UMD-SPH Ronald E. McNair Scholar
2015 – 2016	Myles Davenport , UMD-SPH PHOEBE Lab Internship
2015 – 2016	Amy Wang , UMD-SPH PHOEBE Lab Internship

III.F. Professional and Extension Education

III.F.1. GUEST LECTURES

2021	Guest Lecturer , “Black Bodies and Green Spaces: The Nature of Pandemics and Protests in the 20 th and 21 st Centuries”, LDA 191: Plants in the City: Integrating Vegetation into the Urban Fabric (Undergraduate Level), University of California at Davis
2020	Guest Lecturer , “NatureRx@UMD: Origination, Launch, Roadblocks, and Goals”, LARC 640: Project Designs (Graduate Level), UMD-Department of Plant Science and Landscape Architecture
2020	Guest Lecturer , “Active Living and Inequality in the United States”, KNES 120A: Fitness Walking (Undergraduate Level), UMD-SPH
2018 – Present	Guest Lecturer , “Environmental and Social Determinants of Physical Activity”, KNES 465: Physical Activity and Disease Prevention and Treatment (Undergraduate Level), UMD-SPH
2018 – 2020	Guest Lecturer , “Physical Activity, Health and the Environment”, HLTH 140: Personal and Community Health (Undergraduate Level), UMD-SPH
2018 – 2019	Guest Lecturer , “Built Environment, Physical Activity and Public Health”, KNES 320: Physiological Basis of Physical Activity and Human Health (Undergraduate Level), UMD-SPH
2018 – 2020	Guest Lecturer , “The Obesogenic Environment and Social Determinants of Obesity”, SPHL 100: Foundations of Public Health (Undergraduate Level), UMD-SPH
2018	Guest Lecturer , “Pursuing a Career in Public Health: The Winding Road from Pupil to Professor”, PHSC 497: Public Health Science Capstone (Undergraduate Level), UMD-SPH
2018 – 2019	Guest Lecturer , “Exploring Intersectionality in the Physical Environment: A Qualitative Analysis of Active Transportation Experiences among Washington, DC Area Youth”, MIEH 215: The

- Built Environment and Public Health: The Good, the Bad, and the Ugly (Undergraduate Level), UMD-SPH
- 2017 **Guest Lecturer**, “Obesogenic Environments”, EPIB 626: Epidemiology of Obesity (Graduate Level, 3 credits) UMD-SPH
- 2017 **Guest Lecturer**, “Active Living among Washington, DC Area Youth”, MIEH 215: The Built Environment and Public Health: The Good, the Bad, and the Ugly (Undergraduate Level), UMD-SPH
- 2015 – 2016 **Guest Lecturer**, “Built Environment, Physical Activity and Public Health”, KNES 400: Foundations of Public Health in Kinesiology (Undergraduate Level), UMD-SPH
- 2015 **Guest Lecturer**, “Built Environment, Physical Activity and Public Health”, KNES 478: Honors Seminar (Undergraduate Level), UMD-SPH
- 2015 **Guest Lecturer**, “Built Environment, Physical Activity and Public Health”, KNES 600: Kinesiology in Public Health (Graduate Level, 3 credits), UMD-SPH

IV. SERVICE AND OUTREACH

IV.A. Editorships, Editorial Boards, and Reviewing Activities

IV.A.1. EDITORSHIPS

- 2018 – 2020 **Co-Editor**, “Urban Health Impacts” Special Collection, *Frontiers in Built Environment*
- 2018 – 2020 **Co-Editor**, “Sustainable and Healthy Buildings” Special Collection, *Building and Environment*

IV.A.2. EDITORIAL BOARDS

- 2020 – Present *Journal of Health Eating and Active Living*
- 2019 – Present *American Journal of Health Behavior*
- 2016 – Present *International Journal of Environmental Research and Public Health*

IV.A.3. REVIEWING ACTIVITIES FOR JOURNALS AND PRESSES

- 2019 – Present *Sociological Inquiry*
- 2018 – Present *Health Education and Behavior*
- 2018 – Present *Health Equity*
- 2018 – Present *Urban Science*
- 2018 – Present *Scandinavian Journal of Medicine and Science in Sports*
- 2017 – Present *Pediatric Obesity*
- 2017 – Present *Revista de Saúde Pública*

2017 – Present *GeoJournal*
 2016 – Present *Journal of Transport and Health*
 2016 – Present *Journal of Physical Activity and Health*
 2016 – Present *American Journal of Preventive Medicine*
 2014 – Present *Journal of Urban Health*

IV.A.4. REVIEWING ACTIVITIES FOR AGENCIES AND FOUNDATIONS

2020 **Grant Reviewer**, National Institutes of Health, 2020/10 ZDK1 GRB-1 (O4) 1 Time-Sensitive Obesity

2020 **Grant Reviewer**, Expert Committee for the Canada Foundation for Innovation, Health Data Platform

2013 – 2015 **Expert Panel Member**, Wind Turbine Noise and Human Health, Council of Canadian Academies

2013 **Grant Reviewer**, Special Emphasis Panel, The National Center for Chronic Disease Prevention & Health Promotion of the Centers for Disease Control and Prevention

2012 **Grant Reviewer**, US Agency for International Development’s Middle East Regional Cooperation Program, Environment Grant Review Panel

IV.A.5. REVIEWING ACTIVITIES FOR CONFERENCES

2018 – 2020 **Abstract Reviewer**, Active Living Research Conference

2018 – 2020 **Abstract Reviewer**, BEATS Symposium, University of Otago, Dunedin, New Zealand

IV.B. Committees, Professional & Campus Service

IV.B.1. CAMPUS SERVICE – DEPARTMENT

2020 – Present **Committee Member**, UMD-SPH Kinesiology Awards Committee

2018 – Present **Committee Member**, UMD-SPH Kinesiology Sponsored Research Committee

2018 – Present **Committee Member**, UMD-SPH Kinesiology Black History Month Committee

2018 – Present **Committee Member**, UMD-SPH Kinesiology Honors Program Committee

2016 – 2018 **Committee Member**, UMD-SPH Kinesiology Graduate Committee

2016 – Present **Committee Member**, UMD-SPH Kinesiology MPH Program Committee

- 2016 – 2017 **Chair**, UMD-SPH Kinesiology Burris Husman Lecture
- 2016 – 2017 **Committee Member**, UMD-SPH Kinesiology Entrepreneurial Programs and Workforce Development
- 2015 – 2016
2018 – 2020 **Committee Member**, UMD-SPH Kinesiology Undergraduate Committee
- IV.B.2. CAMPUS SERVICE – COLLEGE
- 2020 – 2020 **Committee Member**, UMD-SPH Kinesiology Chairperson Search Committee
- 2019 – 2020 **Committee Member**, UMD-SPH Maryland Institute of Applied Environmental Health Faculty Search Committee
- 2018 – Present **Committee Member**, UMD-SPH Global Health Advisory Committee
- 2015 – 2016 **Committee Member**, UMD-SPH Kinesiology Faculty Search Committee
- 2016 – 2018 **Committee Member**, UMD-SPH Diversity Council
- 2016 – 2017 **Committee Member**, UMD-SPH Public Health Science Steering Committee
- IV.B.3. CAMPUS SERVICE – UNIVERSITY
- 2020 **Moderator**, “Paying It Forward: A Panel with Current Faculty and Postdocs of Color, February 24, 2020
- 2020 – Present **Faculty Advisor**, UMD Black Graduate Student Union
- 2019 – Present **Co-Director**, NatureRx@UMD, University of Maryland, College Park, MD
- 2019 **Research Judge**, 15th Annual USM Promise AGEP Research Symposium and Professional Development Conference, University of Maryland, College Park, MD, February 15, 2019
- IV.B.4. OTHER NON-UNIVERSITY COMMITTEES, MEMBERSHIPS, PANELS
- 2020 – Present **Community and Health Equity Leader**, Executive Program Committee Member, Active Living Research Conference
- 2020 – Present **Stakeholder Member**, American Heart Association, Reimagining Physical Education and Physical Activity in Schools
- 2020 – Present **Transportation Advisor**, Office of Minority Health and Health Disparities, Maryland Department of Health

2013 – 2015 **Expert Panel Member**, Wind Turbine Noise and Human Health, Council of Canadian Academies

2009 – 2011 **Advisory Committee Member**, U.S. Environmental Protections Agency, Children’s Health Protection Advisory Committee

IV.C. External Service and Consulting

IV.C.1. CORPORATE AND OTHER BOARD MEMBERSHIPS

2018 – Present **Board Member**, Board of Trustees, The Buffalo Seminary High School

2018 – Present **Board Member**, Advisory Board, Park Rx America

IV.D. Media Contributions

IV.D.1. INTERNET

2021 **Print Interview**, Maryland Today, Interviewed by Sala Levin, “A Celebration of My Blackness”, June 31, 2021. Available at:
<https://today.umd.edu/articles/celebration-my-blackness-173e6c98-edce-43d8-bc1f-a72eb195dd71>

2021 **News Article**, Population Reference Bureau, Article by Lori M. Hunter, “The Health Costs and Benefits of Living Near Roads, Highways, and Light Rail”, May 5, 2021. Available at:
<https://www.prb.org/the-health-costs-and-benefits-of-living-near-roads-highways-and-light-rail/>

2021 **News Article**, WBEZ Chicago, Article by Steve Bynum, “Closing the Gap on Transportation: Walking or Biking While Black Can Be Deadly”, April 27, 2021. Available at:
https://www.wbez.org/stories/closing-the-gap-on-transportation-walking-or-biking-while-black-can-be-deadly/ab1891ac-7728-4230-9b99-3700b0f6ebd2?utm_source=twitter&utm_medium=referral&utm_campaign=Web-Share

2021 **News Article**, Urban Institute, Article by Staff, “How Transit-Oriented Development Can Promote Equitable, Healthy Communities”, February 24, 2021. Available at:
<https://housingmatters.urban.org/research-summary/how-transit-oriented-development-can-promote-equitable-healthy-communities>

2021 **Print Interview**, U.S. News and World Report, Interviewed by Anna Almendrala, “A Recipe for Trouble? Reversal of California Outdoor Dining Ban Has Heads Spinning”, February 4, 2021. Available at:
<https://www.usnews.com/news/best-states/articles/2021-02-04/a-recipe-for-trouble-reversal-of-california-outdoor-dining-ban-has-heads-spinning>

2021 **Print Interview**, Kaiser Health News, Interviewed by Anna Almendrala, “A Recipe for Trouble? Reversal of California Outdoor Dining Ban Has Heads Spinning”, February 4, 2021. Available at:

<https://khn.org/news/article/a-recipe-for-trouble-reversal-of-california-outdoor-dining-ban-has-heads-spinning/>

- 2021 **Print Interview**, Colorado Times, Interviewed by Anna Almendrala, “A Recipe for Trouble? Reversal of California Outdoor Dining Ban Has Heads Spinning”, February 4, 2021. Available at:
<https://coronadotimes.com/news/2021/02/04/a-recipe-for-trouble-reversal-of-outdoor-dining-ban-has-plates-spinning/>
- 2021 **Print Interview**, California News Times, Interviewed by Anna Almendrala, “A Recipe for Trouble? Reversal of California Outdoor Dining Ban Has Heads Spinning”, February 4, 2021. Available at:
<https://californianewstimes.com/a-recipe-for-trouble-reversal-of-outdoor-dining-ban-has-plates-spinning/159456/>
- 2021 **Print Interview**, California Healthline, Interviewed by Anna Almendrala, “A Recipe for Trouble? Reversal of California Outdoor Dining Ban Has Heads Spinning”, February 3, 2021. Available at:
<https://californiahealthline.org/news/article/a-recipe-for-trouble-reversal-of-california-outdoor-dining-ban-has-heads-spinning/>
- 2020 **Print Interview**, Al Jazeera, Interviewed by Samira Sadeque, “US Service Workers Brace for Another MAGA Rally in Washington DC”, December 12, 2020. Available at:
<https://www.aljazeera.com/news/2020/12/12/us-service-workers-brace-for-another-maga-rally-in-washington-dc>
- 2020 **News Article**, Newsweek, “How Promising Is The Vaccine News If People Won’t Take It?”, December 8, 2020. Available at:
<https://www.newsweek.com/how-promising-vaccine-news-if-people-wont-take-it-opinion-1552235>
- 2020 **Print Interview**, Maryland Today, Interviewed by Maggie Haslam, “Double Duty”, November 30, 2020. Available at:
<https://today.umd.edu/articles/double-duty-37bbbb70-dafd-46d2-892d-7baf9e694529>
- 2020 **Print Interview**, The Diamondback, Interviewed by Chloe Goldberg, “UMD Study Finds COVID-19 is Highest in D.C.’s Black Communities and Low-Income Areas”, November 20, 2020. Available at:
<https://dbknews.com/2020/11/20/umd-covid-research-dc-transmission-architecture-environment/>
- 2020 **Print Interview**, Maryland Today, Interviewed by Chris Carroll, “UMD Study: Housing, Demographics Play Outsize Role in D.C.’s COVID Death Disparity”, November 11, 2020. Available at:
<https://today.umd.edu/articles/umd-study-housing-demographics-play-outsize-role-dcs-covid-death-disparity-1acc13d3-47a5-41c0-8816-79c02339bf0b>
- 2020 **Print Interview**, Maryland Today, Interviewed by Sala Levin, “A Change Is Gonna Come”, September 21, 2020. Available at:

<https://today.umd.edu/articles/change-gonna-come-f0d3f8ab-8df6-47ee-a421-0739195f2a69>

- 2020 **Print Interview**, Maryland Today, Interviewed by Chris Carroll, “Different Viruses, Similar Outcomes”, June 26, 2020. Available at:
<https://today.umd.edu/articles/different-viruses-similar-outcomes-fc882836-4c52-4ee1-83aa-9ed14e653405>
- 2020 **Print Interview**, New York Times, Interviewed by Kevin Williams, “Coronavirus Crisis Threatens Push for Denser Housing”, May 5, 2020. Available at:
<https://www.nytimes.com/2020/05/05/business/coronavirus-live-leave.html>
- 2020 **Print Interview**, Maryland Today, Interviewed by Samantha Waters, “A Dose of Nature”, February 26, 2020. Available at:
<https://today.umd.edu/articles/dose-nature-feb84972-10f8-41f7-9d3b-7b7b1812f8d5>
- 2020 **News Article**, Buffalo News, Article by Staff, “Jennifer D. Roberts Named to Board”, January 29, 2020. Available at:
<https://buffalonews.com/2020/01/29/jennifer-d-roberts-named-to-board/>
- 2019 **Print Interview**, Maryland Transportation Institute, Interviewed by Robert A. Herschbach, “UMD Professor Studies Health Impacts of Transportation”, October 8, 2019. Available at:
<https://mti.umd.edu/news/story/umd-professor-studies-health-impacts-of-transportation>
- 2019 **Print Interview**, Maryland Today, Interviewed by Sala Levin, “Making Nature Second Nature: New Initiative Promotes Health Benefits of Being Outside”, April 22, 2019. Available at:
<https://today.umd.edu/articles/making-nature-second-nature-38603082-0504-4e5a-8318-2dc1655c5e51>
- 2018 **Print Interview**, Reuters, Interviewed by Carolyn Crist, “Heart Doctors Recommend Less Screen Time, Sedentary Behavior for Kids”, August 13, 2018. Available at:
<https://www.reuters.com/article/us-health-kids-screens/heart-doctors-recommend-less-screen-time-sedentary-behavior-for-kids-idUSKBN1KY1UG>
- 2017 **Print Interview**, Baltimore Sun, Interviewed by Kate Magill, “Winter Brings New Chances for a Nature Escape at Patuxent Research Refuge”, December 13, 2017. Available at:
<http://www.baltimoresun.com/news/maryland/howard/laurel/ph-ii-refuge-winter-1214-story.html>
- 2017 **News Article**, Bethesda Magazine, Article by Joe Zimmermann, “Researcher Looks at Health Effects of Purple Line”, November 17, 2017. Available at:
<http://www.bethesdamagazine.com/Bethesda-Beat/2017/Researcher-Looks-at-Health-Effects-of-Purple-Line-Prosecutors-To-Seek-Life-Without-Parole-for-Tyler-Tessier/>

- 2017 **Print Interview**, Washington Post, Interviewed by Katherine Shaver, “Will the Purple Line Make People Healthier?”, November 16, 2017. Available at: https://www.washingtonpost.com/news/dr-gridlock/wp/2017/11/16/will-the-purple-line-make-people-healthier/?utm_term=.07cd85312baf
- 2017 **Print Interview**, Terp Magazine, Interviewed by Sala Levin, “These Commutes are Made for Walking – Professor Explores How Built Environments Affect Health”, September 14, 2017. Available at: <http://terp.umd.edu/these-commutes-are-made-for-walking/#.WhMdpbaZOuW>
- 2017 **Print Interview**, WalletHub, Interviewed by John Kiernan, “2017’s Fattest Cities in America – Ask the Experts”, March 22, 2017. Available at: <https://wallethub.com/edu/fattest-cities-in-america/10532/#jennifer-d-roberts>

IV.D.2. TELEVISION

- 2017 **Video Interview**, WDVM TV News, Interviewed by Kylie Khan, “UPDATE: UMD Researchers Study Effects of Purple Line”, December 18, 2017. Available at: <http://www.localdvm.com/news/i-270/update-umd-researchers-study-effects-of-purple-line/882867632>
- 2017 **Video Interview**, University of Maryland, Interviewed by Gabriel Michael Unterman, “UMD Reflects”, September 8, 2017. Available at: https://www.youtube.com/watch?v=S5h9LWbYw_s&feature=youtu.be

IV.D.3. RADIO/PODCAST

- 2021 **Podcast Interview**, The Visible Voices, Interviewed by Resa E. Lewiss, “Health Design and the Built Environment”, Episode 43, June 3, 2021. Available at: <https://www.thevisiblevoicespodcast.com/episodes/zjf9BdOHxaH2oxAs9iS32w>
- 2021 **Podcast Interview**, WBEZ Reset: NPR, Interviewed by Sasha-Ann Simons, “Closing the Gap on Transportation: Walking or Biking While Black Can Be Deadly”, April 27, 2021. Available at: <https://www.wbez.org/stories/closing-the-gap-on-transportation-walking-or-biking-while-black-can-be-deadly/ab1891ac-7728-4230-9b99-3700b0f6ebd2>
- 2020 **Podcast Interview**, Therapy For Black Girls, Interviewed by Dr. Joy Harden Bradford, “Plant Parenthood is More than a Trend - Featuring Special Guest: Dr. Jennifer Roberts”, Session 172, September 9, 2020. Available at: <https://therapyforblackgirls.com/2020/09/09/session-172-plant-parenthood-is-more-than-a-trend/>
- 2017 **Radio Interview**, Maryland News Network, Interviewed by Judlyne Lilly, “We’re Talking With”: Dr. Jennifer Roberts”, March 30, 2017. Available at: <https://audioboom.com/posts/5766559-we-re-talking-with-dr-jennifer-roberts-about-another-reason-children-are-sedentary>

IV.E. Service Awards and Honors

- 2019 **Awardee**, Muriel R. Sloan Communitarian Award, SPH UMD Annual Spring Assembly and Award Celebration, May 10, 2019

- 2012 **Awardee**, “The Daily Record” Very Important Professionals Successful By 40
- 2011 **Awardee**, U.S. Environmental Protections Agency Appreciation
- 2010 **Awardee**, Malcolm X University Certificate of Appreciation
- 2005 **Outstanding Young Professionals Recipient**, Minority Environmental Leadership Development Initiative, University of Michigan

V. ACADEMIC RECOGNITION

- 2021 **Featured Faculty**, “A Look Inside COVID-19 and Structural Racism in the United Stated”, UMD Research Roundup, June 25, 2021. Available at: <https://share.pblc.app/p/BtFz5B229627>
- 2021 **Featured Faculty**, “Pandemics and Protests: America Has Experienced Racism Like This Before”, UMD Research Roundup, June 11, 2021. Available at: <https://publicate.it/p/bWww4r227233>
- 2021 **Featured Faculty**, “The Visible Voices Podcast: Health Design and the Built Environment”, UMD Research Roundup, June 11, 2021. Available at: <https://publicate.it/p/bWww4r227233>
- 2021 **Featured Research**, “The Health Costs and Benefits of Living Near Roads, Highways, and Light Rail”, UMD Research Roundup, May 7, 2021. Available at: <https://publicate.it/p/Hleczy222274>
- 2021 **Featured Faculty**, “Closing the Gap on Transportation: Walking or Biking While Black Can Be Deadly”, UMD Research Roundup, April 30, 2021. Available at: <https://publicate.it/p/eT8WNW220991>
- 2021 **Featured Faculty**, “Jennifer D. Roberts Quoted in ‘A Recipe for Trouble. Reversal of California Outdoor Dining Ban Has Heads Spinning’”, UMD Research Roundup, February 12, 2021. Available at: https://publicate.it/p/wm_xto205207
- 2021 **Featured Research**, “Nature Aids in Health and Wellness for Mind, Body and Soul, New Article Finds”, UMD Research Roundup, January 15, 2021. Available at: <https://publicate.it/p/0HsUbk199121>
- 2021 **Featured Research**, “Maryland: Nature Aids in Health and Wellness for Mind, Body and Soul, New Article Finds”, Association of Schools and Programs of Public Health Friday Letter, January 8, 2021. Available at: <https://www.aspph.org/category/covid-member-in-news/>
- 2020 **Featured Research**, “How Promising is the Vaccine News if People Won’t Take it?”, UMD Research Roundup, December 11, 2020. Available at: <https://publicate.it/p/9YAI9V193312>

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