

DATE: March 17, 2023

NAME: Zorimar Rivera-Núñez

PRESENT TITLE: Assistant Professor

E-MAIL ADDRESS: zorimar.nunez@rutgers.edu

CITIZENSHIP: USA

EDUCATION:

- A. *University of Puerto Rico, Mayagüez Campus*
Mayagüez, PR, B.S. Microbiology *May 2000*
- B. *University of Puerto Rico, Medical Sciences Campus*
San Juan, PR, M.S. Environmental Health *May 2001*
- C. *University of Michigan, Ann Arbor, MI*
Ph.D. Environmental Health Sciences *May 2012*

POSTGRADUATE TRAINING:

- A. *The National Academies Post-Doctoral Associateship Program*
U.S. Environmental Protection Agency, Cincinnati, OH
Environmental Epidemiology
May 2009-July 2012

ACADEMIC APPOINTMENTS:

- A. *Department of Biostatistics and Epidemiology, School of Public Health*
Rutgers University
Assistant Professor (tenure-track)
September 2021- present
- B. *Department of Biostatistics and Epidemiology, School of Public Health*
Rutgers University
Assistant Research Professor
July 2019-2021
- C. *Rutgers Cancer Institute of New Jersey*
Rutgers University
Staff Scientist
Aug 2016-June 2019
- D. *Public Health Program, Brown School*
Washington University in St. Louis, St Louis, MO
Assistant Professor
Jan 2013-July 2016

MEMBERSHIPS:

- A. NIEHS P30 Rutgers Center for Environmental Exposures and Disease Member, 2020-present
- B. Public Health Scholar, Washington University in St Louis, Member 2014-2016

HONORS AND AWARDS:

- A. 2015 Best Transdisciplinary Course for *Pregnancy Outcomes: Biological, Social and Environmental Determinants*, Washington University in St. Louis, 2015
- B. Arlene Rubin Stiffman Junior Faculty Research Award, Washington University in St. Louis, 2014
- C. The National Academies Research Fellowship, 2009-2012
- D. Carl Storm Underrepresented Minority Scholarship, Gordon Research Conference, 2012
- E. National Cancer Institute Doctoral Fellowship under the Comprehensive Minority Biomedical Branch, 2004–2008

SERVICE ON MAJOR COMMITTEES:

- A. Rutgers Biomedical and Health Sciences Diversity Leadership Council (2020–present)
- B. March of Dimes, Missouri Advisory Committee, Member, 2014-2016

SERVICE ON GRADUATE SCHOOL COMMITTEES:

- A. Rutgers School of Public Health Diversity, Equity and Inclusion Committee (2022–present)
- B. Faculty Search Committee, Division of Environmental and Population Health Biosciences, Environmental and Occupational Health Sciences (EOHSI), Rutgers University (2021-2022)
- C. Building Expansion Evaluation Project Steering Committee, Washington University in St. Louis, Brown School (2014–2016)
- D. Strategic Positioning and Pricing Survey, Washington University in St. Louis (Fall 2015)
- E. Doctoral Program in Public Health Committee, Washington University in St. Louis, Brown School (2013–2016)
- F. Grand Challenges Task Force, Washington University in St. Louis, Brown School (2014–2016)
- G. Interdisciplinary Environmental Clinic Service Learning Team, Washington University in St. Louis (2013–2016)

SERVICE TO THE COMMUNITY:

- A. Labadie Environmental Organization, Science Consultant and Advisor, Labadie, Missouri (2013–2016)

SERVICE PEER REVIEWING:

- A. Frontiers in Epidemiology, Review Editor, 2022- present
- B. NIH Early Career Reviewer Program
 - a. November 2022, Study Section Cancer, Heart, Sleep and Epidemiology A (CHSA)
 - b. June 2022, Study Section: Infectious Diseases, Reproductive Health, Asthma and Pulmonary Conditions (IRAP)
 - c. November 2021, Study Section: Cancer, Heart, Sleep and Epidemiology A (CHSA)

SPONSORSHIP OF CANDIDATES FOR POSTGRADUATE DEGREE:

- A. Stephen N. Feinberg (Ph.D. in Energy, Environmental and Chemical Engineering), Washington University in St. Louis, School of Engineering and Applied Science, Thesis Title: *Refined Methodologies to Evaluate Source-to-Receptor Relationships of Near-Field Air Pollution Impacts* Graduated May 2017

TEACHING RESPONSIBILITIES:

- A. Course Instructor

Rutgers School of Public Health, Environmental Epidemiology, Spring 2022, 2023 135 hours per semester

Rutgers School of Public Health, Principles and Methods of Epidemiology, Fall 2021, 2022 135 hours per semester

Rutgers Cancer Institute of NJ and Rutgers Robert Wood Johnson School of Medicine, Basic Biostatistics for Medical Residents, Summer 2017, 2018, 28 hours total

Washington University in St. Louis, Foundations of Environmental Health Sciences 2013–2015, 135 hours per semester

Washington University in St. Louis, Pregnancy Outcomes: Biological, Social, and Environmental Determinants, 2014, 2015, 90 hours total

Washington University in St. Louis, Environmental Justice 2014, 45 hours

U.S. Environmental Protection Agency, Epidemiologic Fundamentals of Risk Assessment Applications Workshop, Toxicology and Risk Assessment Conference, Cincinnati, OH April 2011, 6 hours

University of Michigan Residential College, Intensive Spanish 2008–2009, 200 hours

B. Invited Lecturer

Icahn School of Medicine at Mount Sinai, Master in Public Health Program, Region 2 Pediatric Environmental Health Specialty Unit (PEHSU), Title: Impact of Water Contaminant in Children's Health, Jan 2022, Feb 2023

Rutgers School of Public Health, Master in Public Health Program, Environmental Justice, Title: Energy and Environmental Justice, October 2021, 2022

Rutgers School of Public Health, Master in Public Health Program, Environmental Justice, Title: The Role of the Environmental Protection Agency in Environmental Justice, September 2021, 2022

Rutgers School of Public Health, Master in Public Health Program, Molecular Epidemiology Course, Title: Impact of Endocrine Disrupting Chemicals in Pregnancy, April 2021

Rutgers School of Public Health, Reproductive and Perinatal Epidemiology Course, Title: Preterm Birth: Definition, Risk Factors and Current Trends, Feb 2018, Feb 2019, Feb 2020, Feb 2021, Nov 2022

Rutgers Robert Wood Johnson Medical School, Master Program in Biomedical Sciences, Environmental Health Course, Title: Environmental Epidemiology, Feb 2020

Rutgers School of Public Health, Master in Public Health Program, Environmental and Occupational Health Core Course, Title: Environmental Epidemiology, Feb 2020, 2023

Washington University in St. Louis, Department of Earth and Planetary Sciences Geology and Public Health Undergraduate Seminar, Title: Epidemiology and Toxicology for Public Health, September 2015

Washington University in St. Louis, Brown School, Social Work Practice in Early Childhood Course, Title: Environmental Exposures through Pregnancy, October 2012

University of Kentucky, College of Public Health, Environmental Health Seminar, Title: Drinking Water Contaminants: Exposure Assessment Considerations, June 2012

University of Michigan School of Public Health, Department of Environmental Health Sciences, Environmental Chemistry Course, Title: Arsenic in the Environment, October 2010

GRANT SUPPORT:

A. Ongoing Projects

Principal Investigator

5U2COD023375-06 A03-5281 NIH ECHO Program

Title: Genetic Variation in the Placental Barrier: Impact on Child Environmental Health Studies
Sept 2021- August 2023

NIH R21ES032047

Title: Emerging Mycoestrogens: Impacts on Placental and Early Childhood Growth
May 2021-April 2023

Research Incubator in Climate and Health, Competitive Seed Funding Initiative, Rutgers Research and Development

Title: Mycoestrogen Exposure in Childhood
04/01/2023 – 03/31/2024

Mentor

F31ES034269

Title: Exposure to Zearalenone and its Impact on Maternal and Fetal Health
09/2022-08/2024

C. Pending Grant Applications

Principal Investigator

NIEHS R01ES035062-01A1

Title: Mycoestrogen Exposure and Fetoplacental Function
Review Date: June 2023

Co-Investigator

NIH/OD UG3/UH3OD035527

PI: Barret E.

Title: New Jersey- ECHO

Council to meet: May 2023

B. Completed Projects

UL1TR003017-2S

Title: New Jersey Alliance for Clinical and Translational Science / NJ Healthcare Essential Worker Outreach and Education Study – Testing Overlooked Occupations

Role: co-I

May 2020-August2022

NIEHS P30 Center for Environmental Exposures and Disease, Rutgers Environmental and Occupational Health Sciences Institute (EOHSI)

Role: PI

Title: Characterization of zearalenone exposure in placental tissue from an ongoing pregnancy cohort
Jan 2021-Dec 2021

NIH 3R01ES029275-02S1 Diversity Supplement

Role: Trainee

Title: Placental Responses to Environmental Chemicals
July 2019-June 2021

PUBLICATIONS:

A. Refereed Original Article in Journal

Environmental Health Sciences and Epidemiology

1. Barrett ES, **Rivera-Núñez Z**, Getz K, Ohman-Strickland P, Zhang R, Kozlosky D, Doherty CL, Buckley BT, Brunner J, Miller RK, O'Connor TG, Aleksunes LA. (2023). Protective role of the placental efflux transporter BCRP/ABCG2 in the relationship between prenatal cadmium exposure, placental weight, and size at birth. *Environ Res*
2. **Rivera-Núñez Z**, Kinkade CW, Khoury L, Brunner J, Murphy H, Wang C, Kannan K, Miller RK, O'Connor TG, Barrett ES. (2023). Prenatal perfluoroalkyl substances exposure and maternal sex steroid hormones across pregnancy. *Environ Res*
3. Barrett ES, Andrews TR, Roy J, Greenberg, Ferrante JM, Horton DH, Gordon M, **Rivera-Núñez Z**, Pellerano MB, Tallia AF, Budolfson M, Georgopoulos P, Reed D, Lyn B, et al. 2022 Community- versus health care organization- based approaches to expanding at-home COVID-19 testing in Black and Latino communities, New Jersey, 2021. *Am J Public Health*
4. **Rivera-Núñez Z**, Kinkade CW, Zhang Y, Rockson A, Bandera EB, Llanos AAM, Barrett ES. 2022. Phenols, Parabens, Phthalates and Puberty: a systematic review of synthetic chemicals commonly found in personal care products and girl's pubertal development. *Current Environ Health Rep*
5. Pellerano MB, Hill D, Barrett ES, Jimenez ME, Gordon M, Macenat M, Ferrante JM, **Rivera-Núñez Z**, Devance D, Lima D, Sullivan B, Crabtree BF, Georgopoulos P, Barrett ES, Blaser MJ, Panettieri RA, Dawkins M, Dixon F, Garcia H, Lyn B, Merced M, Reed D, Santiago J, Hudson SV. 2022. Connect: Cultivating academic/community partnerships virtually to address communities' complex needs during COVID-19. *Prog Community Health Partnersh*
6. Seymore T. **Rivera-Núñez Z**, Adibi J, Stapleton P, Barrett ES. *In Print*. Phthalate exposures and placental health in animal models and humans: a systematic review. *Toxicol Sci*
7. **Rivera-Núñez Z**, Ashrap P, Barrett ES, Llanos A, Watkins DJ, Cathey AL, Vélez-Vega, CM, Rosario Z, Cordero JF, Alshawabkeh A, Meeker JD. 2022. Personal Care Products: Demographic Characteristics and Maternal Hormones in Pregnant Women from Puerto Rico, *Environ Res 15:206*
8. **Rivera-Núñez Z**, Jimenez ME, Crabtree BF, Hill D, Pellerano MB, Devance D, Macenat M, Lima D, Gordon M, Sullivan B, Rosatu RJ, Ferrante, JM, Barrett ES, Blaser MJ, Panettieri RA, Hudson SV. 2022. Experiences of Black and Latinx health care workers in support roles during the COVID-10 pandemic: A qualitative study. *PLOS ONE*
9. Kinkade CW, **Rivera-Núñez Z**, Gorczyca L, Aleksunes LA, Barrett ES. 2021. Impact of Fusarium-Derived Mycoestrogens on Female Reproduction: A Systematic Review. *Toxins*
10. Jimenez ME, **Rivera-Núñez Z**, Crabtree BF, Hill D, Pellerano MB, Devance D, Macenat M, Lima D, Martínez Alcaráz E, Ferrante, JM, Barrett ES, Blaser MJ, Panettieri RA, Hudson SV. 2021. Black and Latinx Community Perspectives on COVID-19 Mitigation Behaviors, Testing and Vaccines. *JAMA Network Open*
11. **Rivera-Núñez Z**, Ashrap P, Barrett ES, Watkins DJ, Cathey AL, Vélez-Vega, CM, Rosario Z, Cordero JF, Alshawabkeh A, Meeker JD. 2021. Association of Biomarkers of Exposure to metals and metalloids with maternal hormones in pregnant women from Puerto Rico. *Environ Int.* 147, 106310
12. Padula AM, **Rivera-Núñez Z**, Barrett ES. 2020. Combined Impact of Prenatal Environmental Exposures and Physiological Stress on Offspring Health: Air Pollution and Metals. *Curr Envi Health Rpt 7(2):89-100*
13. Kaufman J, Wright JM, **Rivera-Núñez Z**, Meyer A, Narotsky MG. 2020. Associations between Disinfection By-Product Exposures and Musculoskeletal Birth Defects. *Environ Epidemiol 4(1):e081*.
14. Szamreta EA, Qin B, **Rivera-Núñez Z**, Parehk N, Barrett ES, Lin Y, Ferrante J, Bandera EV 2020. Greater adherence to a Mediterranean-like diet is associated with later breast development and menarche in peripubertal girls *Public Health Nutr.* 23:1020-1030
15. **Rivera-Núñez Z**, Barrett ES, Szamreta EA, Shapses SA, Qin B, Lin Y, Zarbl H, Buckley B, Bandera EV. 2019. Urinary Mycoestrogens and Age and Height at Menarche in New Jersey Girls *Environ Health 18:24*
16. **Rivera-Núñez Z**, Pan Z, Dulience B, Becker H, Giammar D, Iannotti L. 2018 Water metal contaminant in a potentially mineral-deficient population of Haiti. *Int. J. Environ. Health*

Res.60:109-119

17. **Rivera-Núñez Z**, Wright JM, Meyer A. 2018. The effect of trihalomethane and haloacetic acid exposures on stillbirth in Massachusetts. *Occup Environ Med* 75: 742-751
18. Wong R, Gable L, Giammar DE, **Rivera-Núñez Z**. 2018. Perceived benefits of participation and risks of soil contamination in St. Louis urban community gardens *J Community Health* 43:604-610
19. Kaufman JA, Wright JM, Evans A, **Rivera-Núñez Z**, Meyer A, Narotzky. 2018. Associations between disinfection byproduct exposure and risk of craniofacial birth defects. *J. Occup. Environ. Med.* 60:109-119
20. Wright JM, Evans A, Kaufman JA, **Rivera-Núñez Z**, Narotzky MG. 2017. The association between disinfectant by-product exposures and risk of cardiac birth defects in Massachusetts. *Environ. Health Perspect.* 125:269-277
21. Evans AM, Wright JM, Meyer AN, **Rivera-Núñez Z**. 2013. Spatial variation of disinfection by-products concentrations: exposure assessment implications. *Water Res.* 16:6130-6140
22. **Rivera-Núñez Z** and Wright JM. 2013. The association of brominated trihalomethane and haloacetic acid exposures with fetal growth and preterm delivery in Massachusetts. *J. Occup. Environ. Med.* 55:1125-1134.
23. **Rivera-Núñez Z**, Wright JM, Blount BC, Silva LK, Jones E, Chan RL, Pegram RA, Singer PC, Savitz DA. 2012. Comparison of trihalomethanes in tap water and blood: a case study in the United States. *Environ. Health Perspect.* 120:661-667.
24. **Rivera-Núñez Z**, Meliker JR, Meeker JD, Slotnick MJ, Nriagu JO. 2012. Urinary arsenic species, toenail arsenic, and estimates of arsenic intake in a southeastern Michigan population with low-to-moderate exposure to arsenic in drinking water. *J. Expo. Sci. Environ. Epidemiol.* 22:182-190.
25. Parvez S, **Rivera-Núñez Z**, Meyer A, Wright JM. (2011). Temporal variability in trihalomethane and haloacetic acid concentrations in Massachusetts public drinking water systems. *Environ Res.* 111:499-509.
26. Wright JM and **Rivera-Núñez Z**. 2011. Effect of water disinfection type on adverse fetal outcomes. *J. Am. Water Works Assoc.* 103:67-75.
27. **Rivera-Núñez Z**, Linder AM, Chen B, Nriagu JO. 2011. Low-level determination of six arsenic species in urine by High Performance Liquid Chromatography-Inductively Coupled Plasma-Mass Spectrometry (HPLC-ICP-MS). *Anal. Methods* 3:1122-1129.
28. Parvez S, **Rivera-Núñez Z**, Meyer A, Wright JM. 2011. Temporal variability in trihalomethane and haloacetic acid concentrations in Massachusetts public drinking water systems. *Environ Res.* 111:499-509.
29. **Rivera-Núñez Z**, Meliker JR, Linder A, Nriagu JO. 2010. Reliability of spot urine samples in assessing arsenic exposure. *Int. J. Hyg. Environ. Health* 213:259-264.
30. White-Newsome J, O'Neill MS, Gronlund C, Sunbury TM, Brines SJ, Parker E, Brown DG, Rood RB, **Rivera Z**. 2009. Climate change, heat waves, and environmental justice: advance in knowledge and action. *Environ Justice* 2:197-205.

Methods and Statistical Approaches - Cancer Epidemiology

31. Sozio SJ, Bian Y, Marshall SJ, **Rivera-Núñez Z**, Bacile S, Roychowdhury S, Youmans DC. 2021. Determining the efficacy of low-dose oral benzodiazepine administration and use of wide-bore magnet in assisting claustrophobic patients to undergo MRI brain examination. *Clin Imaging* 79:289-295
32. Wang SJ, Jhavar SR, **Rivera-Núñez Z**, Silk AW, Byun J, Miller E, Blakaj D, Parikh RR, Weiner J, Goyal S. 2020. The association of radiation dose-fractionation and immunotherapy use with overall survival in metastatic melanoma patients. *Cureus* 12(6):e8767
33. Sterlin J, **Rivera-Núñez Z**, Patel HV, Farber NJ, Kim S, Radadia KD, Modi PK, Goyal S, Parikh R, Weiss RE, Kim IY, Elsamra Se, Jang TL, Singer EA 2020. Factors Associated with Receipt of Partial Nephrectomy or Minimally Invasive Surgery for Patients with Clinical T1a and T1b Renal Masses: Implications for Regionalization of Care. *Clin Genitourinary Cancer* 20:S1558-7673
34. Srivastava A, **Rivera-Núñez Z**, Kim S, Sterling J, Farber, NJ, Radadia KD, Patel HV, Modi PK, Goyal S, Parikh R, Mayer TM, Saraiya B, Sadimin ET, Weiss RE, Kim IY, Elsamra SR, Jan TL, Singer EA. 2020. Impact of Pathologic Node Positive Renal Cell Carcinoma on Survival in Patients without Metastasis: Evidence in Support of Expanding the Definition of Stage IV Kidney Cancer. *Cancer* 126(13):2991-3001

35. Tabakin AL, Shinder BM, Kim S, **Rivera-Núñez Z** Polotti CF, Modi PK, Sterling JA, Farber NJ, Radadia KD, Parikh RR, Kim IY, Saraiya B, Mayer TM, Singer EA, Jang TM. 2020. Retroperitoneal Lymph Node Dissection as Primary Treatment for Men with Testicular Seminoma: Utilization and Survival Analysis Using the National Cancer Data Base, 2004-2014. *Clin Genitourinary Cancer* 18: e194-e201
36. Khullar K, **Rivera-Núñez Z**, Jhawar SR, Drachtman R, Cole PD, Hoppe B, Parikh RR. 2020. Pediatric Hodgkin lymphoma: disparities in survival by race *Leuk Lymphoma* 60:546-556
37. Jhawar SR, **Rivera-Núñez Z**, Drachtman R, Cole PD, Hoppe B, Parikh RR. 2019. Early-stage pediatric Hodgkin Lymphoma: Combined modality therapy is associated with increased overall survival relative to chemotherapy alone. *JAMA Oncol.* 5:689-695
38. Radadia KD, **Rivera-Núñez Z**, Kim S, Farber NJ, Sterling, Modi PK, Goyal S, Parikh R, Weiss RB, Kim IY, Elsamra SE, Jan TL, Singer EA. 2019. Predictors of Receiving a Lymph Node Dissection at the Time of Surgery for Non-Metastatic Renal Cell Carcinoma *Urol. Oncol.* 37:577.e17-577.e25
39. Farber NJ, **Rivera-Núñez Z**, Kim S, Shinder B, Radadia KD, Sterling J, Modi PK, Goyal S, Parikh R, Mayer TM, Weiss RE, Kim IY, Elsamra SE, Jang TL, Singer EA. 2019. Trends and outcomes of lymphadenectomy for nonmetastatic renal cell carcinoma: A propensity score-weighted analysis of the National Cancer Database. *Urol. Oncol.* 37:26-32

B. Books, Monographs and Chapters

1. **Rivera-Núñez Z**, Zakeri K, Goyal G. 2019. Survivorship: Effects of cancer treatment on long term morbidity in: Principles of Clinical Cancer Research. Springer Publishing.

D. Abstracts

1. **Rivera-Núñez Z**, Kinkade C, Brinker A, Buckley B, Brunner J, Ohman-Strickland P, Miller RK, Salafia C, O'Connor TG, Aleksunes LM, Barrett ES. Prenatal Mycoestrogen Concentrations in Relation to Placental and Birth Weights. International Society of Environmental Epidemiology Annual Conference, Athens, Greece (September 2022).
2. Barrett ES, **Rivera-Núñez Z**, Getz K, Doherty C, Buckley B, Brunner J, Ohman-Strickland P, Zhang R, Miller RK, Salafia C, O'Connor TG, Aleksunes LM. Prenatal cadmium exposure in relation to placental and birth size: effect modification by fetal sex and genetic variation in the placental barrier transporter ABCG2. International Society of Environmental Epidemiology Annual Conference, Athens, Greece (September 2022).
3. Lubina K, Hinton K, **Rivera-Núñez Z**, Black T, Laumbach RJ, Lu S, Shah N, Fan Z, Ho C, Burgess J, Caban-Martinez A, Calkins M, Jahnke SA, Kubiak B, Graber JM. Prevalence and predictors of per-and polyfluoroalkyl substances (PFAS) serum levels among US volunteer firefighters. International Society of Environmental Epidemiology Annual Conference, Athens, Greece (September 2022).
4. Hansel M., Wang C., O'Connor T.G., Barrett E.S., **Rivera-Núñez Z.**, Prenatal Neighborhood Stress and Maternal Sex Steroid Hormone Levels Across Pregnancy. Society of Pediatric and Perinatal Epidemiologic Research (June 2022)
5. **Rivera-Núñez Z**, Kinkade CW, Khoury L, Brunner J, Murphy H, Wang C, Kannan K, Miller RK, O'Connor TG, Barrett ES. Prenatal Perfluoroalkyl Substance Exposure and Maternal Sex Steroid Hormones Across Pregnancy, Prenatal Programming and Toxicity Annual Conference (Jan 2022)
6. Kinkade CW, **Rivera-Núñez Z**, Miller RK, Kannan K, Thurston S, Groth S, O'Connor TG, Barrett ES. Prenatal Programming and Toxicity Annual Conference (Jan 2022)
7. Jimenez ME, **Rivera-Núñez Z**, Crabtree BF, Hill D, Pellerano MB, Devance D, Macenat M, Lima D, Martínez Alcaráz E, Ferrante, JM, Barrett ES, Blaser MJ, Panettieri RA, Hudson SV. "That everyday struggle just got even more harder": Understanding Black and Latinx Community Perspectives on COVID-19 Precautions and Vaccines. (May 2021)
8. Amarilla P, **Rivera-Núñez Z**, Shah NN, Burgess JL, Black T, Caban-Martinez AJ, Black K, Steinberg M, Graber M. Per- and polyfluoroalkyl substances (PFAS) and non-fasting total cholesterol serum levels among New Jersey volunteer firefighters. International Society of Environmental Epidemiology Annual Conference, New York, NY (August 2021).
9. Khullar K, **Rivera-Núñez Z**, Jhawar S, Drachtman R, Cole P, Hoppe B, Parikh R. Survival Disparities by Race in Pediatric Hodgkin Lymphoma 24th Congress of the European Hematology Association, Amsterdam, Holland (June 2019).

10. Wang S, Jhavar S, **Rivera-Núñez Z**, Byun J, Parikh R, Weiner J, Goyal S. Association of Radiation Dose-Fractionation and Immunotherapy Use with Overall Survival in Metastatic Melanoma Patients. American Society for Radiation Oncology, Chicago, IL (September 2019).
11. Farber NJ, **Rivera-Núñez Z**, Kim S, Radadia KD, Sterling J, Byun J, Singer EA, Modi P, Kim S, Modi P, Goyal S, Parikh R, Weiss R, Kim IY, Elsamra SE, Jang TL, Singer EA. Accepted Abstract 2018 American Urology Association, San Francisco, CA (May 2018).
12. Byun J, Singer EA, Modi P, Farber NJ, Radadia KD, Kim S, **Rivera-Núñez Z**, Goyal S, Jang TL, Elsamra SE, Parikh R. Utilization of radiation therapy in locally advanced penile cancer: A National Cancer Database analysis. Accepted Abstract 2017 American Society for Radiation Oncology Annual Meeting, San Diego, CA (Sept 2017).
13. Wong R, Gable L, Marni M, Pan Z, Giammar D, **Rivera-Núñez Z**. Perceived benefits of participation and risks of soil contamination in urban community gardens. American Public Health Association, Atlanta, GA (Nov 2017).
14. Kaufman JA, Wright JM, Evans A, **Rivera-Núñez Z**, Narotzky MG. Disinfection by-products and the risk of Association between craniofacial birth defects and disinfection by products in Massachusetts, Society of Pediatric and Perinatal Epidemiologic Research, Miami, FL (June 2016).
15. Wright JM, Evans A, Kaufman JA, **Rivera-Núñez Z**, Narotzky MG. Disinfection by-products and the risk of Specific cardiac birth defects Gordon Research Conference in Disinfection By-products, South Hadley, MA (August 2015).
16. Rivera-González L, **Rivera-Núñez Z**, Cantonwine DE, Ferguson KD, Soldin O, Basu N, Jiménez-Velez BD, Anzalota Del Toro LV, Alshwabken AN, Cordero JF, Meeker JD. Exposure and Associations with Reproductive Hormone Levels in Pregnant Women Living in Puerto Rico: the PROTECT study International Society of Environmental Epidemiology Annual Conference, Seattle, WA (August 2014).
17. Wright M, **Rivera-Núñez Z**, Evans A. The effect of disinfection by-product exposure on risk of birth defects, Society of Risk Analysis, Denver, CO (December 2014).
18. **Rivera-Núñez Z** and Wright JM. The association between disinfection by-products and birth defects in Massachusetts. Gordon Research Conference in Disinfection By-products, South Hadley, MA (August 2012).
19. **Rivera-Núñez Z** and Wright JM. The association between disinfection by-products and birth defects in Massachusetts. Society of Pediatric and Perinatal Epidemiologic Research, Minneapolis, MN (June 2012).
20. Evans AM, Meyer AN, **Rivera-Núñez Z**, Wright JM. An analysis of spatial variability in disinfection by-product concentration for exposure assessment applications. International Society of Environmental Epidemiology Annual Conference, Barcelona, Spain (September 2011).
21. **Rivera-Núñez Z** and Wright JM. The effect of disinfection by-products (DBPs), water source, and type of disinfection on stillbirth in Massachusetts. International Society of Environmental Epidemiology Annual Conference, Barcelona, Spain (September 2011).
22. Evans AM, Meyer AN, **Rivera-Núñez Z**, Wright JM. An analysis of spatial variability in disinfection by-product concentration for exposure assessment applications. Water Environment Federation Disinfection Conference, Cincinnati, OH (April 2011).
23. Meyer AN, Evans AM, **Rivera-Núñez Z**, Wright JM. Analysis of spatial variability in disinfection by-product concentrations for exposure assessment applications. Society of Pediatric and Perinatal Epidemiologic Research, Montreal, Québec, Canada (June 2011).
24. **Rivera-Núñez Z** and Wright JM. The effect of disinfection by-products (DBPs), water source and type of disinfection on risk of stillbirth in Massachusetts. Society of Pediatric and Perinatal Epidemiologic Research, Montreal, Québec, Canada (June 2011).
25. Meyer AN, Parvez S, **Rivera-Núñez Z**, Wright JM. Analysis of spatial variability in disinfection by-product concentrations for exposure assessment applications. International Society of Environmental Epidemiology Annual Conference, Seoul, South Korea (September 2010).
26. **Rivera-Núñez Z**. The use of biomarkers to improve exposure assessment. International Society of Environmental Epidemiology Annual Conference, Seoul, South Korea (September 2010).
27. **Rivera-Núñez Z** and Wright JM. The effect of disinfection by-products, source of water, and type of disinfection treatment on fetal growth and preterm delivery in Massachusetts. Water Environment Federation Disinfection Conference, Cincinnati, OH (April 2011).

28. Wright JM and **Rivera-Núñez Z**. The effect of disinfection by-products on fetal growth in Massachusetts. International Society of Environmental Epidemiology Annual Conference, Seoul, South Korea (September 2010).
29. **Rivera-Núñez Z**, Meliker JR, Nriagu JO. Urinary cadmium and arsenic and bladder cancer in southeastern Michigan. International Society of Environmental Epidemiology Annual Conference, Seoul, South Korea (September 2010).
30. **Rivera-Núñez Z** and Wright JM. Epidemiological study of pregnancy outcomes in relation to disinfection practices and disinfection by-products in Massachusetts. Society of Pediatric and Perinatal Epidemiologic Research, Seattle, WA (June 2010).
31. **Rivera-Núñez Z** and Wright JM. Epidemiological study of pregnancy outcomes and exposure to disinfection by-products in Massachusetts. Gordon Research Conference in Disinfection By-products, Holyoke, MA (August 2009).
32. **Rivera-Núñez Z**, Meliker JR, Meeker JD, Nriagu JO. Urinary arsenic species, toenail arsenic, and estimates of arsenic intake in a southeastern Michigan population with low-to-moderate exposure to arsenic in drinking water. International Society of Environmental Epidemiology Annual Conference, Dublin, Ireland (August 2009).
33. **Rivera-Núñez Z**, Meliker JR, Nriagu JO. Arsenic methylation and bladder cancer risk in a Michigan case-control study. American Public Health Association Annual Meeting and Exposition, San Diego, CA (November 2008).
34. **Rivera-Núñez Z**, Meliker JR, Meeker JD, Nriagu JO. Risk factors for increased urinary inorganic arsenic concentrations from low arsenic concentrations in drinking water. International Society of Environmental Epidemiology Annual Conference, Pasadena, CA (August 2008).
35. **Rivera-Núñez Z**, Meliker JR, Nriagu JO. Reliability of spot urine samples in assessing arsenic exposure. Second International Congress of Arsenic in the Environment, Valencia, Spain (May 2008).
36. **Rivera-Núñez Z**, Meliker JR, Nriagu JO. Exposure to low levels of arsenic: a comparison of urine and toenails concentrations. American Public Health Association Annual Meeting and Exposition, Washington D.C. (November 2007).
37. **Rivera-Núñez Z**, Meliker JR, Nriagu JO. Urinary Arsenic Metabolites and Bladder Cancer in Michigan, USA. International Society of Environmental Epidemiology Annual Conference, Mexico City, Mexico (August 2007).

E. Special Panels and Town Halls

1. Better Together: A candid conversation of COVID-19 Vaccines in Pediatrics and Young Adults. Sponsored by: the Rutgers University Foundation, May 2022
Role: Panelist and Moderator
2. Virtual COVID-19 Town Hall for Child Care providers throughout NJ. Sponsored by: Programs for Parents, Partnership for Maternal and Child Health of Northern NJ, and the NJ Department of Health, December 2021
Role: Panelist
3. Interview by Telemundo NJ about NJ HEROES Project (see grant support section) specifically about reaching out to the Latino and Spanish speaking community to get COVID-19 tested and vaccinated ([link here](#)), July 2021