

Profile

PhD level epidemiologist with research experience in academia and industry, and training in epidemiology, biostatistics and genetic epidemiology.

- Data analysis, interpretation and publication of epidemiologic findings including case-control studies, cohort studies, and systematic review / meta-analysis using multivariate logistic regression, linear regression, and interaction analyses.
- Experience in analysis of high-dimensional genetic data, including chip-based array data (GWAS) and Next Generation Sequencing data (Whole Exome Sequencing).
- Programming experience with R (preferred), SAS, and Stata.
- Working knowledge of Linux command-line interface, python, high performance computing analysis, Amazon Web Services cloud computing, GitHub, Adobe Creative Suite Programs (InDesign, Photoshop, Illustrator), RMarkdown.

Education

- University of California, San Francisco, PhD in Epidemiology & Translational Science (8/2010 – 6/2014)
- University of California, Berkeley, MPH in Epidemiology & Biostatistics (8/2008 – 6/2010)
- Harvard University, BA in Organismic and Evolutionary Biology (8/2002 – 6/2006)

Professional Training

- University of Washington, Summer Institute in Statistics and Modeling in Infectious Diseases (7/2017)
 - Module 10: Statistics and Modeling with Novel Data Streams
- University of Washington, Summer Institute in Statistics for Big Data (7/2016)
 - Module 1: Big Data Wrangling in R
 - Module 2: Visualization of Biomedical Big Data
 - Module 3: Reproducible Research for Biomedical Big Data
- Yotta Biomed Hands-On NGS Analysis Workshop with Galaxy (9/2015)
- University of Washington, Summer Institute in Statistical Genetics (7/2015)
 - Module 7: Elements of R for Genetics and Bioinformatics
 - Module 9: Population Genetic Data Analysis
 - Module 13: Association Mapping: GWAS and Sequencing Data
- University of California, Davis Bioinformatics Training Program: Using the Linux Command Line for Analysis of High-Throughput Sequence Data (6/2015)
- University of Alabama, Birmingham NIGMS Statistical Genetic & Genomics Short Course (7/2012)

Research and Professional Experience

Cancer Research And Biostatistics (CRAB), Seattle WA

Statistics Department

Supervisor: Antje Hoering, PhD

4/2018 – Present, Full Time
Senior Biostatistician

- UAMS Myeloma Institute
 - Conducted analyses as part of the statistics center for the University of Arkansas of Medical Sciences (UAMS) Myeloma Institute, including survival analyses, Cox regression, and Classification and Regression Trees.
 - Assessed treatment efficacy in clinical trials.
 - Developed statistical analysis plans for grant submission, including power and sample size calculations.
- IASLC Staging Project
 - Advised and directed analyses examining prognostic factors that predict lung cancer survival as part of the statistics core for the International Association for the Study of Lung Cancer (IASLC).
 - Developed staging criteria for the 9th edition of the IASLC international recommendations.

Fred Hutchinson Cancer Research Center, Seattle WA

Public Health Sciences Division

Mentors: Ulrike Peters, PhD, MPH; Charles Kooperberg, PhD

2/2016 – 3/2018, Full Time

Post-doctoral fellow

- Project: PAGE-II Flagship Paper
 - Coordinated analysis efforts on a Genome-Wide Association Study of 26 clinical traits in nearly 50,000 PAGE-II African Americans, Asians, Hispanics, and European Americans.
 - Wrote the first draft of the manuscript (shared first author) and prepared results for White Blood Cell count, C-reactive Protein levels, High-Density Lipoprotein, Low-Density Lipoprotein, Triglycerides, and Total Cholesterol.
 - Under resubmission at *Nature*.
- Project: Trans-Ethnic Genetic Fine-Mapping of Body Mass Index (BMI) Loci
 - Assessed results from the Population Architecture using Genomics and Epidemiology (PAGE) consortium meta-analysis on BMI in 102,000 African Americans, Asians, Hispanics, and European Americans.
 - Published in the *International Journal of Obesity*.
- Project: Genome-Wide Association Study and Admixture Analysis of White Blood Cell Count and Related Phenotypes in Underrepresented Minority Populations
 - Conducted a GWAS in 24,000 minorities from the PAGE II consortium using genotyped data from the MEGA array and imputed genotypes using the 1000 Genomes Project. Assisted with fine-mapping to identify novel associations in known loci.
 - Involved in manuscript preparation and submission.

National Institutes of Health, Bethesda, MD

National Institute of Allergy and Infectious Diseases

Mentors: Rebecca Prevots, PhD; Sally Hunsberger, PhD

3/2015 – 2/2016, Full Time

Post-doctoral fellow

- Project: Idiopathic CD4+ Lymphocytopenia (ICL) Whole Exome Sequencing Analysis
 - Developed and executed a research strategy to identify novel single nucleotide variants (SNVs) associated with the development of ICL in 29 patients from an NIH natural history study.
 - Performed data manipulation and statistical analysis of whole exome sequencing data in R.
- Project: La Red Study of Influenza-Like Illnesses (ILI), Mexico City
 - Provided guidance on statistical methods and study design of secondary data analysis projects. Interpreted statistical findings and participated in manuscript preparation.
 - Used R and SAS software to analyze La Red cohort data and describe viral etiology and clinical characteristics of (1) asthma exacerbations associated with ILI, (2) severe pediatric cases of ILI, and (3) air pollution exposures associated with severe ILI.

University of California – San Francisco, San Francisco, CA

Department of Medicine; Department of Bioengineering & Therapeutic Science

Mentor: Esteban Burchard, MD, MPH

6/2012 – 6/2014, Full Time

Graduate Student Researcher

- Dissertation Project: Environmental, Genetic and Social Predictors of Asthma in Latino and African American Children
 - Dissertation Paper #1: Early-life exposure to traffic-related air pollution may cause childhood asthma in US minorities, with increased risk seen in African American children. This association was present at pollution exposures that satisfied the current EPA standards.
 - Dissertation Paper #2: Current exposure to traffic-related air pollution was associated with lung deficiencies. Different US minorities showed varying levels of lung function impairment, with Puerto Ricans and African Americans having the greatest deficiencies.
 - Dissertation Paper #3: Early-life exposure to traffic-related air pollution may be associated with increased risk for developing non-atopic childhood asthma. Exposure to ozone may be partially responsible for this subtype of asthma and sheds light into possible mechanisms for asthma development.

Investigen, Inc., Hercules, CA
Supervisor: Heather Koshinsky, PhD

10/2008 – 10/2011, Part Time
Research Assistant

- Project: MLPA Diagnostics
 - Led analyses exploring the properties of Multiplex Ligation-dependent Probe Amplification assay to detect mutations associated with drug resistant strains of *M. tuberculosis* in clinical samples.
- Project: SNAP Reagent
 - Assessed Investigen's proprietary SNAP reagent as a potential product for long-term storage and transport of DNA and RNA samples at room temperature, for use in down-stream sequencing applications.
- Project: smartDNA Diagnostics
 - Designed experiments for pilot testing of smartDNA detection of bacterial species in clinical (*M. tuberculosis*, methicillin resistant *S. aureus*) and bioterrorism (*B. anthracis*, *Y. pestis*, *F. tularensis*) samples.

University of California – Berkeley, Berkeley, CA

9/2008 – 6/2010, Full Time
Masters Student

School of Public Health

Advisors: Tomas Aragon, MD, DrPH; Gertrude Buerhing, PhD

- Project: Masters Thesis: The Potential Use of the smartDNA Assay in a Novel Tuberculosis Diagnostic Assay
 - Used various modeling techniques (logistic regression, discriminate analysis, principal component analysis, classification and regression trees) to assess various candidate probes, with the goal to maximize the sensitivity and specificity of the smartDNA assay.
 - Results: Of 7 candidate probes, the use of multiple probes (3-5) was recommended for the final smartDNA assay. Variation in sample preparation and DNA quality may lead to false negative and false positive findings and stringent standardization is recommended to improve assay reliability and reproducibility.

Beth Israel Deaconess Medical Center, Boston, MA

9/2006 – 9/2008, Full Time
Research Assistant

Supervisors: Boris Shmukler, PhD; Seth Alper, MD, PhD

- Project: Red Blood Cell Volume Regulation in Sickle Cell Anemia and Thalassemia Mouse Models
 - Conducted KCl co-transport flux experiments using blood from sickle cell mice. Obtained hematocrit and basic blood measurements using the Advia Hematology Analyzer. Measured K⁺ and Cl⁻ efflux using atomic absorption spectroscopy.
 - Genotyped members of a transgenic and knock-out mouse colony using Qiagen Blood and Tissue DNA isolation kits and PCR. Experience in handling mice, including tailing, ear labeling, tail bleeding, and euthanasia.
 - Performed site-directed mutagenesis and recombinant PCR to study the expression and function of mutated transmembrane proteins expressed in *Xenopus* oocytes.
 - Experience in bacterial transformations, restriction reaction, and plasmid DNA isolation with Eppendorf Perfectprep Plasmid kits.

Peer-Reviewed Publications

- Kocarnik JM, Richard M, Graff M, Haessler J, Bien S, Carlson C, Carty C, Reiner AP, Avery CL, Ballantyne CM, LaCroix AZ, Assimes TL, Barbalic M, Pankratz N, Tang W, Tao T, Chen D, Talavera GA, Daviglus ML, Chirinos DA, Pereira R, **Nishimura KK**, Bůžková P, Best LG, Ambite JL, Cheng I, Crawford DC, Hindorff LA, Fornage M, Heiss G, North KE, Haiman CA, Peters U, Le Marchand L, Kooperberg C. Discovery, fine-mapping, and conditional analyses of genetic variants associated with C-reactive protein in multiethnic populations using the MetaboChip in the Population Architecture using Genomics and Epidemiology (PAGE) study. *Hum Mol Genet.* 2018 Jun 5.
- Gong J, **Nishimura KK**, Fernandez-Rhodes L, Haessler J, Bien S, Graff M, Lim U, Lu Y, Gross M, Fornage M, Yoneyama S, Isasi CR, Buzkova P, Daviglus M, Lin DY, Tao R, Goodloe R, Bush WS, Farber-Eger E, Boston J, Dilks HH, Ehret G, Gu CC, Lewis CE, Nguyen KH, Cooper R, Leppert M, Irvin MR, Bottinger EP, Wilkens LR, Haiman CA, Park L, Monroe KR, Cheng I, Stram DO, Carlson CS, Jackson R, Kuller L, Houston D, Kooperberg C, Buyske S, Hindorff LA, Crawford DC, Loos RJJ, Le Marchand L, Matise TC, North KE, Peters U. Trans-ethnic analysis of metabochip data identifies two new loci associated with BMI. *Int J Obes (Lond).* 2018 Mar;42(3):384-390. doi: 10.1038/ijo.2017.304. Epub 2017 Dec 21. PMID: 29381148

- Fernández-Rhodes L, Gong J, Haessler J, Franceschini N, Graff M, **Nishimura KK**, Wang Y, Highland HM, Yoneyama S, Bush WS, Goodloe R, Ritchie MD, Crawford D, Gross M, Fornage M, Buzkova P, Tao R, Isasi C, Avilés-Santa L, Daviglus M, Mackey RH, Houston D, Gu CC, Ehret G, Nguyen KH, Lewis CE, Leppert M, Irvin MR, Lim U, Haiman CA, Le Marchand L, Schumacher F, Wilkens L, Lu Y, Bottinger EP, Loos RJL, Sheu WH, Guo X, Lee WJ, Hai Y, Hung YJ, Absher D, Wu IC, Taylor KD, Lee IT, Liu Y, Wang TD, Quertermous T, Juang JJ, Rotter JI, Assimes T, Hsiung CA, Chen YI, Prentice R, Kuller LH, Manson JE, Kooperberg C, Smokowski P, Robinson WR, Gordon-Larsen P, Li R, Hindorff L, Buyske S, Matise TC, Peters U, North KE. Trans-ethnic fine-mapping of genetic loci for body mass index in the diverse ancestral populations of the Population Architecture using Genomics and Epidemiology (PAGE) Study reveals evidence for multiple signals at established loci. *Hum Genet.* 2017 Jun;136(6):771-800. PMID: 28391526.
- **Nishimura KK**, Iwanaga K, Oh SS, Pino-Yanes M, Eng C, Keswani A, Roth LA, Nguyen EA, Thyne SM, Farber HJ, Serebrisky D, Meade K, LeNoir MA, Rodriguez-Cintron W, Borrell LN, Bibbins-Domingo K, Lurmann F, Sen S, Rodriguez-Santana JR, Brigino-Buenaventura E, Avila PC, Balmes JR, Kumar R, Burchard EG. Early-life ozone exposure associated with asthma without sensitization in Latino children. *J Allergy Clin Immunol.* 2016 Dec;138(6):1703-1706.e1. PMID: 27423496. PMCID: PMC5148667.
- Oh S, Du R, Zeiger AM, McGarry ME, Hu D, Thakur N, Pino-Yanes M, Galanter JM, Farber HJ, Eng C, **Nishimura KK**, Huntsman S, Meade K, Avila P, Serebrisky D, Bibbins-Domingo K, Lenoir MA, Ford JG, Brigino-Buenaventura E, Rodriguez-Cintron W, Thyne SM, Sen S, Rodriguez-Santana JR, Williams K, Kumar R, Burchard EG. Breastfeeding associated with higher lung function in African American youths with asthma. *J Asthma.* 2016 Dec 8. PMID: 27929698
- Paulin-Prado P, **Nishimura KK**, Freimanis-Hance L, Hunsberger S, Beigel J, Fraga AG, Ortiz Hernandez AA, Llamosas-Gallardo B, Moreno-Espinosa S, Magaña-Aquino M, Ruiz Palacios GM, Ramirez-Venegas A; Mexico Emerging Infectious Diseases Clinical Research Network. Clinical characteristics of asthmatic patients with influenza-like illness and risk of severe exacerbations in Mexico. *Ann Allergy Asthma Immunol.* 2016 Apr 1. PMID: 27052815
- Neophytou AM, White MJ, Oh SS, Thakur N, Galanter JM, **Nishimura KK**, Pino-Yanes M, Torgerson DG, Gignoux CR, Eng C, Nguyen EA, Hu D, Mak AC, Kumar R, Seibold MA, Davis A, Farber HJ, Meade K, Avila PC, Serebrisky D, Lenoir MA, Brigino-Buenaventura E, Rodriguez-Cintron W, Bibbins-Domingo K, Thyne SM, Williams LK, Sen S, Gilliland FD, Gauderman WJ, Rodriguez-Santana JR, Lurmann F, Balmes JR, Eisen EA, Burchard EG. Air Pollution and Lung Function in Minority Youth with Asthma in the GALA II & SAGE II Studies. *Am J Respir Crit Care Med.* 2016 Jan 6. PMID: 26734713
- **Nishimura KK**, Galanter JM, Roth LA, Oh SS, Farber HJ, Serebrisky D, Kumar R, Borrell LN, Brigino-Buenaventura E, Davis A, LeNoir MA, Meade K, Rodriguez-Cintron W, Avila PC, Rodriguez-Santana JR, Lurmann F, Sen S, Balmes JR, Burchard EG. Early Life Air Pollution and Asthma Risk in Minority Children: The GALA II & SAGE II Studies. *Am J Respir Crit Care Med.* 2013 Aug 1;188(3):309-18. PMID: 23750510. PMCID: PMC3778732
- Pino-Yanes M, Gignoux CR, Galanter JM, Levin AM, Campbell CD, Eng C, Huntsman S, **Nishimura KK**, Gourraud PA, Mohajeri K, O'Roak BJ, Hu D, Mathias RA, Nguyen EA, Roth LA, Padhukasahasram B, Moreno-Estrada A, Sandoval K, Winkler CA, Lurmann F, Davis A, Farber HJ, Meade K, Avila PC, Serebrisky D, Chapelar R, Ford JG, Lenoir MA, Thyne SM, Brigino-Buenaventura E, Borrell LN, Rodriguez-Cintron W, Sen S, Kumar R, Rodriguez-Santana JR, Bustamante CD, Martinez FD, Raby BA, Weiss ST, Nicolae DL, Ober C, Meyers DA, Bleecker ER, Mack SJ, Hernandez RD, Eichler EE, Barnes KC, Williams LK, Torgerson DG, Burchard EG. Genome-wide association study and admixture mapping reveal new loci associated with total IgE levels in Latinos. *J Allergy Clin Immunol.* 2015 Jun;135(6):1502-10. PMID: 25488688. PMCID: PMC4458233
- Pino-Yanes M, Thakur N, Gignoux CR, Galanter JM, Roth LA, Eng C, **Nishimura KK**, Oh SS, Vora H, Huntsman S, Nguyen EA, Hu D, Drake KA, Conti DV, Moreno-Estrada A, Sandoval K, Winkler CA, Borrell LN, Lurmann F, Islam TS, Davis A, Farber HJ, Meade K, Avila PC, Serebrisky D, Bibbins-Domingo K, Lenoir MA, Ford JG, Brigino-Buenaventura E, Rodriguez-Cintron W, Thyne SM, Sen S, Rodriguez-Santana JR, Bustamante CD, Williams LK, Gilliland FD, Gauderman WJ, Kumar R, Torgerson DG, Burchard EG. Genetic ancestry influences asthma susceptibility and lung function among Latinos. *J Allergy Clin Immunol.* 2015 Jan;135(1):228-35. PMID: 25301036. PMCID: PMC4289103
- Aktipis CA, Ellis BJ, **Nishimura KK**, Hiatt RA. Modern reproductive patterns associated with estrogen receptor positive but not negative breast cancer susceptibility. *Evol Med Public Health.* 2014 Nov 10;2015(1):52-74. PMID: 25389105. PMCID: PMC4362290.

- Feng J, Liu Y, Clements RT, Sodha NR, Khabbaz KR, Senthilnathan V, **Nishimura KK**, Alper SL, Sellke FW. Calcium-activated potassium channels contribute to human coronary microvascular dysfunction after cardioplegic arrest. *Circulation*. 2008 Sep 30;118(14 Suppl):S46-51. PMID: 18824768. PMCID: PMC2646506
- Xu C, Shmukler BE, **Nishimura KK**, Kaczmarek E, Rossetti S, Harris PC, Wandinger-Ness A, Bacallao RL, Alper SL. Attenuated, flow-induced ATP release contributes to absence of flow-sensitive, purinergic Ca²⁺ signaling in human ADPKD cyst epithelial cells. *Am J Physiol Renal Physiol*. 2009 Jun;296(6):F1464-76. PMID: 19244404. PMCID: PMC2692447
- Choi BY, Stewart AK, **Nishimura KK**, Cha WJ, Seong MW, Park SS, Kim SW, Chun YS, Chung JW, Park SN, Chang SO, Kim CS, Alper SL, Griffith AJ, Oh SH. Efficient molecular genetic diagnosis of enlarged vestibular aqueducts in East Asians. *Genet Test Mol Biomarkers*. 2009 Oct;13(5):679-87. PMID: 19645628. PMCID: PMC2953255

Manuscripts in Preparation or Under Revision

- Lee E, Thakur N, Neophytou A, Brown D, **Nishimura KK**, Eng C, Kumar R, Mak A, White M, Hu D, Huntsman S, Galanter J, Lurmann F, Farber H, Avila P, Brigino-Buenaventura E, Thyne S, Meade K, Serebrisky D, Rodriguez-Cintron W, LeNoir M, Rodriguez-Santana J, Borrell L, Pino-Yanes M, Seibold M, Balmes J, Eisen E, Burchard E. Asthma Molecular Phenotype and Ancestry Modify the Effect of Air Pollution on Exacerbations in Minority Children and Adolescents. (under review at *Chest*).
- Wojcik GL*, Graff M*, **Nishimura KK***, Tao R*, Haessler J*, Gignoux CR*, Highland HM*, Patel YM*, Sorokin EP, Avery CL, Belbin GM, Bien SA, Cheng I, Hodonsky CJ, Huckins LM, Jeff J, Justice AE, Kocarnik JM, Lim U, Lin BM, Lu Y, Nelson SC, Park SL, Preuss MH, Richard MA, Schurmann C, Setiawan VW, Vahi K, Vishnu A, Verbanck M, Ralker R, Young KL, Zubir N, Ambite JL, Boerwinkle E, Bottinger E, Caberto C, Conomos MP, Deelman E, Do R, Doheny K, Fernández-Rhodes L, Fornage M, Heiss G, Hindorff LA, Jackson RD, James R, Laurie CA, Laurie CC, Li Y, Lin D-Y, Nadkarni G, Pankow J, Pooler LC, Reiner AP, Romm J, Sabati C, Sheng X, Stahl EA, Stram DO, Thornton TA, Wassel CL, Wilkins LR, Yoneyama S, Buyske S**, Haiman C**, Kooperberg C**, Le Marchand L**, Loos RJF**, Matise TC**, North KE**, Peters U**, Kenny EE**, Carlson CS**. Genetic Diversity Turns a New PAGE in Our Understanding of Complex Traits. *Shared first authorship. **Shared senior authorship. (under revision at *Nature*).
- Ortiz AA, **Nishimura KK**, Freimanis-Hance L, Hunsberger S, Llamosas B, Smolskis M, Beigel J, Ruiz-Palacios G. Viral and Clinical Characteristics of Severe Influenza-Like Illnesses in Children Less Than Five Years Old. (under review at *Influenza and Other Respiratory Viruses*).

Presentations

- **Nishimura KK**. Genetics in Medicine. Invited speaker at the Cancer Biostatistics Symposium, Knight Cancer Institute. Portland, OR, USA, May 24, 2018.
- **Nishimura KK**, Hodonsky C, Haessler J, Carlson CS, Cheng I, Do R, Hindorff LA, James R, Kaplan RC, Kocarnik J, Le Marchand L, Park SL, Reiner AP, Thyagarjan B, Verbanck M, Wojcik GL, Avery CL, Haiman CA, Loos RJF, Matise TC, North K, Peters U, Kooperberg CL. Genetic Variants Associated with C-Reactive Protein Levels in US Minorities from the Population Architecture using Genomics and Epidemiology (PAGE II) Study. Poster presentation at the American Society for Human Genetics Conference, Vancouver, Canada, October 18 - October 22, 2016.
- **Nishimura KK**, Galanter JM, Roth LA, Oh SS, Farber HJ, Serebrisky D, Kumar R, Borrell LN, Brigino-Buenaventura E, Davis A, LeNoir MA, Meade K, Rodriguez-Cintron W, Avila PC, Rodriguez-Santana JR, Lurmann F, Sen S, Balmes JR, Burchard EG. Early Life Air Pollution & Asthma Risk in Minority Children. Poster presentation at the National Institute on Minority Health and Health Disparities Grantees' Conference, National Harbor, MD, November 30 – December 3, 2014.
- **Nishimura KK**, Oh SS, Galanter JM, Thakur N, Pino-Yanes M, Eng C, Iwanaga K, Avila PC, Keswani A, Roth LA, Nguyen EA, Thyne S, Farber HJ, Serebrisky D, Kumar R, Brigino-Buenaventura E, Davis A, Meade K, LeNoir MA, Rodriguez-Cintron W, Borrell LN, Bibbins-Domingo K, Rodriguez-Santana JR, Sen S, Lurmann F, Balmes JR, Burchard EG. Ethnicity Modifies Air Pollution - Lung Function Associations. Poster presentation at the National Institute on Minority Health and Health Disparities Grantees' Conference, National Harbor, MD, November 30 – December 3, 2014.
- **Nishimura KK**, Oh SS, Galanter JM, Thakur N, Pino-Yanes M, Eng C, Iwanaga K, Avila PC, Keswani A, Roth LA, Nguyen EA, Thyne S, Farber HJ, Serebrisky D, Kumar R, Brigino-Buenaventura E, Davis A, Meade K,

LeNoir MA, Rodriguez-Cintron W, Borrell LN, Bibbins-Domingo K, Rodriguez-Santana JR, Sen S, Lurmann F, Balmes JR, Burchard EG. The Acute Effect of Air Pollution on Lung Function in the GALA II and SAGE II Studies of Latino and African American Children with Asthma. Poster presentation at the American Thoracic Society International Conference, San Diego, CA, May 16-21, 2014.

- Phan H, **Nishimura KK**, Helmrick M, Shin M, Curry J, O'Callahan R, Bulsara N, Fofanov VY, Kato-Maeda M, Hopewell P, Koshinsky H. Use of Next Generation Sequencing (NGS) for Multiplexed Detection of Drug Resistant Genotypes and Heteroresistance Status of *Mycobacterium tuberculosis* (MTB). Poster presentation at the 18th Annual Conference of the Union-North American Region, International Union Against Tuberculosis and Lung Disease; Boston, MA, February 27 - March 1, 2014.
- **Nishimura KK**. Early Life Air Pollution and Asthma Risk in Minority Children. Oral presentation at the Pulmonary Research Conference, UC San Francisco Department of Pulmonary Critical Care, Allergy and Sleep Medicine. June 10, 2013.
- **Nishimura KK**, Galanter JM, Roth LA, Oh SS, Farber HJ, Serebrisky D, Kumar R, Borrell LN, Brigino-Buenaventura E, Davis A, LeNoir MA, Meade K, Rodriguez-Cintron W, Avila PC, Rodriguez-Santana JR, Lurmann F, Sen S, Balmes JR, Burchard EG. Early life air pollution exposures and the risk for asthma in a multi-center case-control study of Hispanic and African American children. Poster presentation at the American Thoracic Society International Conference, Philadelphia, PA, May 17-22, 2013.

Awards and Honors

- Reviewers' Choice Abstract ribbon awarded to the top 10% of abstracts, American Society of Human Genetics, 2017
- University of Washington, Summer Institute in Statistics and Modeling in Infectious Diseases Scholarship, 2017
- University of Washington, Summer Institute in Statistics for Big Data Scholarship, 2016
- American Lung Association, Lung Health Dissertation Award, 2014
- American Thoracic Society International Conference, Assembly on Environmental and Occupational Health Abstract Scholarship, 2014
- Breathe California, Golden Gate Public Health Partnership, Walter Travel Fund Award, 2013
- University of Alabama, Birmingham NIGMS Statistical Genetics & Genomic Short Course Bursary Fellowship Award, 2012
- University of Alabama, Birmingham NIGMS Statistical Genetics & Genomic Short Course Travel Fellowship, 2012
- UC San Francisco Earle C. Anthony Travel Award, 2012

Miscellaneous

- Selected for the 2018 US National Dragon Boat Team; 3-year paddler with the Seattle Flying Dragon Boat Club
- Former part-time staff member at Mary's Place emergency family homeless shelter
- Trainee at the Seattle School of Taiko
- 6th on Harvard's Track and Field All-Time Performances list for the indoor pole vault