

CURRICULUM VITAE

(Signature)

(Typed Name) Mariana Lazo

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DEMOGRAPHIC AND PERSONAL INFORMATION

Current Appointments

- 2018- present Core Faculty, Johns Hopkins Center for Health Equity
- 2019- present Associate Professor of Medicine (PT). Johns Hopkins University.
- 2019- present Associate Research Professor. Department of Community Health and Prevention and Urban Health Collaborative, Dornsife School of Public Health, Drexel University

Education and Training

Undergraduate

Doctoral/graduate

- 1996-2002 MD, University of La Salle, Mexico, Medicine
- 2003-2006 ScM, Johns Hopkins School of Public Health, Epidemiology (Advisor: Lisa Jacobson)
- 2007-2011 PhD, Johns Hopkins School of Public Health, Epidemiology (Advisor: Jeanne M. Clark)

Postdoctoral (Internship, residency, fellowship, etc.).

- 2011-2012 Postdoctoral Fellow, Johns Hopkins School of Public Health, Epidemiology (Advisors: Jeanne M. Clark and Elizabeth Selvin)
- 2016 Junior Faculty Leadership Program (JFLP). Johns Hopkins School of Medicine

Professional Experience

- 2001–2003 Research Assistant, Center for Population Health Research, National Institute of Public Health. Cuernavaca, Mexico.
- 2006–2010 Graduate Research Assistant, Welch Center for Prevention, Epidemiology and Clinical Research. The Johns Hopkins University.
- 2012–2019 Assistant Professor of Medicine, Division of General Internal Medicine, School of Medicine, The Johns Hopkins University.
- 2012–2019 Assistant Professor of Epidemiology (Joint Appointment), Department of Epidemiology, Johns Hopkins Bloomberg School of Public Health, The Johns Hopkins University.
- 2012–2013 Associate Faculty of the Welch Center for Prevention Epidemiology, and Clinical Research, School of Medicine and Johns Hopkins Bloomberg School of Public Health, The Johns Hopkins University.
- 2013–2019 Core Faculty of the Welch Center for Prevention Epidemiology, and Clinical Research, School of Medicine and Johns Hopkins Bloomberg School of Public Health, The Johns Hopkins University.
- 2017–2019 Associate Faculty of the George Comstock Center For Public Health Research and Prevention, Johns Hopkins Bloomberg School of Public Health, The Johns Hopkins University.
- 2018- 2019 Associate Member, Johns Hopkins Brancati Center for the Advancement of Community Care
- 2018- present Core Faculty, Johns Hopkins Center for Health Equity
- 2019- present Associate Professor of Medicine (PT). Johns Hopkins University.
- 2019- present Associate Research Professor. Department of Community Health and Prevention and Dornsife School of Public Health, Drexel University

PUBLICATIONS:

Original Research [OR] *Underlined denotes student or post-doctoral fellow advised by Dr. Lazo*

1. Holguín F, Tellez-Rojo MM, **Lazo M**, et al. Cardiac autonomic changes associated with fish oil vs. soy oil supplementation in the elderly. *Chest*. 2005;127(4):1102-7. PMID: 15821181.
2. Romieu I, Tellez-Rojo MM, **Lazo M**, et al. Omega-3 fatty acid Prevents Heart Rate Variability Reductions associated with Particulate Matter. *Am J Respir Crit Care*. 2005;172(12):1534-40. PMID: 16210665.
3. Durazo-Arvizu RA, Barquera S, Franco M, **Lazo M**, Seuc A, Orduñez P, Palloni A., Cooper R. Cardiovascular diseases mortality in Cuba, Mexico, Puerto Rico and US Hispanic populations. *Prev and Control*. 2006 Jun;2(2):63-71. DOI: 10.1016/j.precon.2006.10.004. ISSN: 15732088
4. **Lazo M**, Gange SJ, Wilson TE, Anastos K, Ostrow DG, Witt MD, Jacobson LP. Patterns and predictors of changes in adherence to highly active antiretroviral therapy: longitudinal study of men and women. *Clin Infect Dis*. 2007 Nov 15;45(10):1377-85. PMID: 17968839.
5. Franco M, Orduñez P, Caballero B, Tapia Granados JA, **Lazo M**, Bernal JL, Guallar E, Cooper RS. Impact of energy intake, physical activity, and population-wide weight loss on cardiovascular disease and diabetes mortality in Cuba, 1980-2005. *Am J Epidemiol*. 2007 Dec 15;166(12):1374-80. PMID: 17881386.
6. Hill-Briggs F, **Lazo M**, Renosky R, Ewing C. Usability of a Diabetes and Cardiovascular Disease Education Module in an African American, Diabetic Sample With Physical, Visual, and Cognitive Impairment. *Rehabilitation Psychology*. 2008 Feb;53(1):1-8. DOI 10.1037/0090-5550.53.1.1 ISSN: 00905550
7. **Lazo M**, Selvin E, Clark JM. Clinical Implications of Short-Term Variability in Liver Function Test Results. *Ann Intern Med*. 2008 Mar 4;148(5):348-52. PMID: 18316753.
8. Durazo-Arvizu RA, Barquera S, **Lazo M**, Franco M, Cooper R. Cardiovascular disease surveillance in Mexicans and Mexican Americans: a tale of two countries. *Revista Panamericana de Salud Pública/Pan American Journal of Public Health*. 2008 Feb;23(2):119-24. PMID: 18371283.
9. Golden SH, **Lazo M**, Carnethon M, Bertoni AG, Schreiner PJ, Roux AV, Lee HB, Lyketsos C. Examining a bidirectional association between depressive symptoms and diabetes. *JAMA*. 2008 Jun 18;299(23):2751-9. PMID: 18560002.
10. Hill-Briggs F, Renosky R, **Lazo M**, Bone L, Hill M, Levine D, Brancati FL, Peyrot M. Development and pilot evaluation of literacy-adapted diabetes and CVD education in urban, diabetic African Americans. *J Gen Intern Med*. 2008 Sep;23(9):1491-4. PMID: 18521688.
11. Franco M, Diez-Roux AV, Nettleton JA, **Lazo M**, Brancati F, Caballero B, Glass T, Moore LV. Availability of healthy foods and dietary patterns: the Multi-Ethnic Study of Atherosclerosis. *Am J Clin Nutr*. 2009 Mar;89(3):897-904. PMID: 19144728.
12. Tabibian JH, **Lazo M**, Durazo FA, Yeh H-C, Clark JM. Nonalcoholic fatty liver disease: Features & differences in an ethno-rationally diverse university setting. *J Clin Gastroenterol*. 2011 Mar;26(3):501-9. PMID: 21332546.
13. **Lazo M**, Solga SF, Horska A, Bonekamp S, Diehl AM, Brancati FL, Wagenknecht LE, Pi-Sunyer FX, Kahn SE, Clark JM; for the Fatty Liver Subgroup of the Look AHEAD Research Group. The Effect of a 12-Month Intensive Lifestyle Intervention on Hepatic Steatosis in Adults with type 2 Diabetes. *Diabetes Care*. 2010 Oct;33(10):2156-63. PMID: 20664019.
14. Hill-Briggs F, **Lazo M**, Peyrot M, Chang Y, Doswell A, Bone L, Hill M, Levine D, Brancati FL. Effect of problem-solving-based Diabetes self-management training on diabetes control in a low income patient sample. *J Gen Intern Med*. 2011 Sep;26(9):972-8. PMID: 21445680.
15. Hernaez R*, **Lazo M***, Bonekamp S, Kamel I, Brancati FL, Guallar E, Clark JM. Diagnostic accuracy and reliability of ultrasonography for the detection of fatty liver: a meta-analysis. *Hepatology*. 2011 Sep 2;54(3):1082-90 PMID: 21618575.[*Co-first authors]
16. Bonekamp S, Jolepalem P, **Lazo M**, Gulsun MA, Kiraly AP, Kamel IR. Hepatocellular Carcinoma: Response to TACE Assessed with Semiautomated Volumetric and Functional Analysis of Diffusion-weighted and Contrast-enhanced MR Imaging Data. *Radiology*. 2011 Sep;260(3):752-61. PMID: 21771960.

17. Christman A, **Lazo M**, Clark JM, Selvin E. Low Glycated Hemoglobin and Liver Disease in the U.S. Population. *Diabetes Care*. 2011 Dec;34(12):2548-50. PMID: 21953797.
18. **Lazo M**, Hernaez R, Bonekamp S, Kamel I, Brancati FL, Guallar E, Clark JM. Nonalcoholic Fatty Liver Disease and Mortality among US Adults: A prospective cohort study. *BMJ*. 2011 Nov 18;343:d6891. PMID: 22102439.
19. Abdelmalek MF, **Lazo M**, Horska A, Bonekamp S, Lipkin EW, Balasubramanyam A, Bantle JP, Johnson RJ, Mae Diehl A, Clark JM. Higher dietary fructose is associated with impaired hepatic ATP homeostasis in obese individuals with type 2 diabetes. *Hepatology*. 2012 Sep;56(3):952-60. PMID: 22467259.
20. Bower JK, **Lazo M**, Jurascheck S., Selvin E. Within-Person Variability in High-Sensitivity C-Reactive Protein. *Arch Int Med*. 2012 Oct 22;172(19):1519-21. PMID: 22945505.
21. **Lazo M***, Hernaez R*, Eberhardt M, Bonekamp S, Kamel I, Guallar E, Koitesh A, Brancati FL, Clark JM. Prevalence of Nonalcoholic Fatty Liver Disease (NAFLD) in the United States: the Third National Health and Nutrition Examination Survey, 1988-1994. *Am J Epidemiol*. 2013 Jul 1;178(1):38-45. PMID: 23703888. [*Co-first authors]
22. Liu SH, **Lazo M**, Koitesh A, Kao WHL, Shih M, Bonekamp S, Hernaez R, Clark JM. Oral Contraceptive Pill Use Is Associated with Reduced Odds of Nonalcoholic Fatty Liver Disease in Menstruating Women: Results from NHANES III. *Journal of Gastroenterology*. 2013 Oct;48(10):1151-9. PMID: 23188092.
23. Hernaez R, McLean J, **Lazo M**, Brancati FL, Hirschhorn J, Borecki IB, Harris TB, Genetics of obesity-related liver disease (GOLD) Consortium, Nguyen T, Kamel I, Bonekamp S, Eberhardt M, Clark JM, Kao LW, Speliotes EK. Association between variants in or near PNPLA3, GCKR, and PPP1R3B with ultrasound-defined steatosis based on data from the third National Health and Nutrition Examination survey. *Clin Gastroenterol Hepatol*. 2013 Sep;11(9):1183-90. PMID: 23416328.
24. Shields KN, Cavallari JM, Hunt MJ, **Lazo M**, Molina M, Molina L, Holguin F. Traffic-related air pollution exposures and changes in heart rate variability in Mexico City: A panel study. *Environ Health*. 2013 Jan 18;12(1):7. PMID: 23327098.
25. Schneider AL, **Lazo M**, Ndumele CE, Pankow JS, Coresh J, Clark JM, Selvin E. Liver enzymes, race, gender and diabetes risk: the Atherosclerosis Risk in Communities (ARIC) Study. *Diabet Med*. 2013 Aug;30(8):926-33. PMID: 23510198.
26. **Lazo M**, Young JH, Brancati FL, Coresh J, Whelton S, Ndumele CE, Hoogeveen R, Ballantyne CM, Selvin E. NH2-Terminal Pro-Brain Natriuretic Peptide and Risk of Diabetes. *Diabetes*. 2013 Sep;62(9):3189-93. PMID: 23733199.
27. Eliades M, Spyrou E, Agrawal N, **Lazo M**, Brancati FL, Potter JJ, Koteish AA, Clark JM, Guallar E, Hernaez R. Meta-analysis: vitamin D and non-alcoholic fatty liver disease. *Aliment Pharmacol Ther*. 2013 Aug;38(3):246-54. PMID: 23786213.
28. Yanek LR, Kral BG, Moy TF, Vaidya D, **Lazo M**, Becker LC, Becker DM. Effect of Positive Well-Being on Incidence of Symptomatic Coronary Artery Disease. *Am J Cardiol*. 2013 Oct 15;112(8):1120-5. PMID: 23810324.
29. Hernaez R, Yeh HC, **Lazo M**, Chung HM, Hamilton JP, Koteish A, Potter JJ, Brancati FL, Clark JM. Elevated ALT and GGT predict all-cause mortality and hepatocellular carcinoma in Taiwanese male: a case-cohort study. *Hepatol Int*. 2013 Oct;7(4):1040-9 PMID: 26202033.
30. Kalyani RR, **Lazo M**, Ouyang P, Turkbey E, Chevalier K, Brancati F, Becker D, Vaidya D. Gender Differences in Diabetes and Risk of Incident Coronary Artery Disease in Healthy Young and Middle-Aged Adults. *Diabetes Care*. 2013;37(3):830-8. PMID: 24178997.
31. Schneider AL, **Lazo M**, Selvin E, Clark JM. Racial differences in nonalcoholic fatty liver disease in the U.S. population. *Obesity (Silver Spring)*. 2014 Jan;22(1):292-9. PMID: 23512725.
32. Bower JK, Pankow JS, **Lazo M**, Christenson E, Hoogeveen RC, Ballantyne CM, Halushka MK, Astor BC, Selvin E. Three-Year Variability in Plasma Concentrations of the Soluble Receptor for Advanced Glycation End Products (sRAGE). *Clinical Biochemistry*. 2014;47(1-2):132-4 PMID: 24246851
33. Chang A, **Lazo M**, Appel L, Gutiérrez O, Grams M. High dietary phosphorus intake is associated with all-cause mortality: results from NHANES III. *Am J Clin Nutr*. 2014 Feb;99(2):320-7 PMID: 24225358

34. Ndumele CE, Coresh J, **Lazo M**, Hoogeveen RC, Blumenthal R, Folsom AR, Selvin E, Ballantyne CM, Nambi V. Obesity, Subclinical Myocardial Injury and Incident Heart Failure. *JACC: Heart Failure*. 2014 Dec;2(6):600-7. PMID: 25443112
35. Lee C, Clark JM, Asamoah V, Schweitzer M, Magnuson T, **Lazo M**. Prevalence and Characteristics of Individuals without Diabetes and Hypertension Who Underwent Bariatric Surgery: Lessons Learned about Metabolically Healthy Obese. *Surgery for Obesity and Related Diseases. Surg Obes Relat Dis*. 2015 Jan-Feb;11(1):142-6. PMID: 25443068
36. Selvin E, **Lazo M**, Chen Y, Shen L, Rubin J, McEvoy JW, Hoogeveen RC, Sharrett AR, Ballantyne CM, Coresh J. Diabetes, pre-diabetes and Incidence of Subclinical Myocardial Damage. *Circulation*. 2014;130(16):1374-82. PMID: 2514936
37. Folsom AR, Lutsey PL, Roetker NS, Rosamond WD, **Lazo M**, Heckbert SR, Basu S, Cushman M, Selvin E. Elevated hepatic enzymes and incidence of venous thromboembolism: a prospective study. *Ann Epidemiol*. 2014;24(11):817-821. PMID: 25277506
38. Rebholz CM, Astor BC, Grams ME, Halushka MK, **Lazo M**, Hoogeveen RC, Ballantyne CM, Coresh J, Selvin E Association of plasma levels of soluble receptor for advanced glycation end products and risk of kidney disease: the Atherosclerosis Risk in Communities study. *Nephrol Dial Transplant*. 2015 Jan;30(1):77-83. PMID: 25147225
39. **Lazo M**, Rubin J, Clark JM, Coresh J, Schneider AL, Ndumele C, Hoogeveen RC, Ballantyne CM, Selvin E. The Association of Liver Enzymes with Biomarkers of Subclinical Myocardial Damage and Structural Heart Disease. *J Hepatol*. 2015 Apr;62(4):841-7. PMID: 25433159
40. **Lazo M**, Zeb I, Nasir K, Tracy RP, Budoff MJ, Ouyang P, Vaidya D. Association Between Endogenous Sex Hormones and Liver Fat in a Multi-Ethnic Study of Atherosclerosis. *Clinical Gastroenterology and Hepatology*. 2015. 2015 Sep;13(9):1686-93. PMID: 25592661
41. Bower JK, **Lazo M**, Matsushita K, Rubin J, Hoogeveen RC, Ballantyne CM, Selvin E. N-terminal pro-brain natriuretic peptide (NT-proBNP) and risk of hypertension in the Atherosclerosis Risk in Communities (ARIC) Study. *American Journal of Hypertension*. 2015. 2015 Oct;28(10):1262-6. PMID: 25783741
42. McEvoy JW, **Lazo M**, Chen Y, Shen L, Nambi V, Hoogeveen RC, Ballantyne CM, Blumenthal RS, Coresh J, Selvin E. Patterns and determinants of temporal change in high-sensitivity cardiac troponin-T: The Atherosclerosis Risk in Communities Cohort Study. *Int J Cardiol*. 2015 Apr 1;187:651-657 PMID: 25880403
43. Shih MH, **Lazo M**, Liu SH, Bonekamp S, Hernaez R, Clark JM. Association between serum uric acid and nonalcoholic fatty liver disease in the US population. *J Formos Med Assoc*. 2015 Apr;114(4):314-20. PMID: 25839764
44. Ramtahal R, Khan C, Maharaj-Khan K, Nallamotheu S, Hinds A, Dhanoo A, Yeh HC, Hill-Briggs F, **Lazo M**. Prevalence of self-reported sleep duration and sleep habits in type 2 diabetes patients in South Trinidad. *J Epidemiol Glob Health*. 2015 Dec;5(4 Suppl 1):S35-43. doi: 10.1016/j.jegh.2015.05.003. Epub 2015 Jun 11. PMID: 26073574
45. **Lazo M**, Halushka MK, Shen L, Maruthur N, Rebholz CM, Rawlings AM, Hoogeveen RC, Brinkley TE, Ballantyne CM, Astor BC, Selvin E. Soluble receptor for advanced glycation end products and the risk for incident heart failure: The Atherosclerosis Risk in Communities Study. *Am Heart J*. 2015 Nov;170(5):961-7. PMID: 26542505
46. Ndumele CE, Matsushita K, Sang Y, **Lazo M**, Agarwal SK, Nambi V, Deswal A, Blumenthal RS, Ballantyne CM, Coresh J, Selvin E. NT-proBNP and Heart Failure Risk Among Individuals With and Without Obesity: The ARIC Study. *Circulation*. 2016 Feb 16;133(7):631-8. PMID: 26746175
47. Poirier J, Bennett WL, Jerome GJ, Shah NG, **Lazo M**, Yeh HC, Clark JM, Cobb NK Effectiveness of an Activity Tracker- and Internet-Based Adaptive Walking Program for Adults: A Randomized Controlled Trial. *J Med Internet Res*. 2016 Feb 9;18(2):e34. PMID: 26860434
48. Lee C, Wood GC, **Lazo M**, Brown TT, Clark JM, Still C, Benotti P. Risk of Post-Bariatric Surgery Hypoglycemia In Nondiabetic Individuals: A Single Center Experience from the Geisinger Medical Center. *Obesity*. 2016 Jun;24(6):1342-8. PMID: 27225597

49. Seo SW, Gottesman RF, Clark JM, Hernaez R, Chang Y, Kim C, Ha KH, Guallar E, **Lazo M**. Nonalcoholic Fatty Liver Disease is Associated with Cognitive Function in Adults. *Neurology*. 2016 Mar 22;86(12):1136-42. PMID: 26911638
50. Rubin J, Matsushita K, **Lazo M**, Ballantyne CM, Nambi V, Hoogeveen R, Sharrett AR, Blumenthal R, Coresh J, Selvin E. Determinants of Minimal Elevation in High-Sensitivity Cardiac Troponin T in the General Population. *Clin Biochem*. 2016 Jun;49(9):657-62. PMID: 26975902
51. Sanchez OA, **Lazo-Elizondo M**, Zeb I, Tracy R, Bradleye R, Duprez DA, Bahrami, H, Peralta CA, Daniels LB, Lima JA, Maiseli A, Jacobs DA, Budoff MJ. Computerized tomography measured liver fat is associated with low levels of NT-proBNP. Multi-Ethnic Study of Atherosclerosis. *Metabolism*. 2016 65(5):728-35. PMID: 27085779
52. Chang Y, Jung HS, Cho J, Zhang Y, Yun KE, **Lazo M**, Pastor-Barriuso R, Ahn J, Kim CW, Rampal S, Cainzos-Achirica M, Zhao D, Chung EC, Shin H, Guallar E, Ryu S. Metabolically Healthy Obesity and the Development of Nonalcoholic Fatty Liver Disease. *Am J Gastroenterol*. 2016 Aug;111(8):1133-40. PMID: 27185080
53. Bilal U, Lau B, **Lazo M**, McCaul ME, Hutton HE, Sulkowski MS, Moore RD, Chander G. Interaction Between Alcohol Consumption Patterns, Antiretroviral Therapy Type, and Liver Fibrosis in Persons Living with HIV. *AIDS Patient Care STDS*. 2016 May;30(5):200-7. PMID: 27158847
54. Sanguankeo A, **Lazo M**, Upala S, Brancati FL, Bonekamp S, Pownall HJ, Balasubramanyam A, Clark JM; Fatty Liver Subgroup of the Look AHEAD Research Group. Effects of visceral adipose tissue reduction on CVD risk factors independent of weight loss: The Look AHEAD study. *Endocr Res*. 2016 Jun 28:1-10. PMID: 27351077
55. **Lazo M**, Chen Y, McEvoy JW, Ndumele CE, Konety S, Ballantyne CM, Sharrett AR, Selvin E. Alcohol consumption and cardiac biomarkers: The Atherosclerosis Risk in Communities (ARIC) Study. *Clin Biochem*. 2016; 62(9):1202-10. PMID: 27440513
56. Ndumele CE, Matsushita K, **Lazo M**, Bello N, Blumenthal RS, Gerstenblith G, Nambi V, Ballantyne CM, Solomon SD, Selvin E, Folsom AR, Coresh J. Obesity and Subtypes of Incident Cardiovascular Disease. *J Am Heart Assoc*. 2016 Jul; 5(8). PMID: 27468925
57. Sinn DH, Kang D, Chang Y, Ryu S, Gu S, Kim H, Seong D, Cho SJ, Yi BK, Park HD, Paik SW, Song YB, **Lazo M**, Lima JA, Guallar E, Cho J, Gwak GY. Non-alcoholic fatty liver disease and progression of coronary artery calcium score: a retrospective cohort study. *Gut*. 2017; 66(2): 323-329 PMID: 27599521
58. Mukamal KJ, Clowry CM, Murray MM, Hendriks HFJ, Rimm EB, Sink KM, Adebamowo CA, Dragsted LO, Lapinski PS, **Lazo M**, Krystal JH. Moderate Alcohol Consumption and Chronic Disease: The Case for a Long-Term Trial. *Alcohol Clin Exp Res*. 2016 Nov;40(11):2283-229. PMID: 27688006
59. Whelton SP, McEvoy JW, **Lazo M**, Coresh J, Ballantyne CM, Selvin E. High-Sensitivity Cardiac Troponin T (hs-cTnT) as a Predictor of Incident Diabetes in the Atherosclerosis Risk in Communities Study. *Diabetes Care*. 2017; 40(2): 261-269. PMID:28108537
60. Fuentes S, Bilal U, Galan I, Villalbi JR, Espelt A, Bosque-Prous M, Franco M, **Lazo M**. Binge drinking and well-being in European Older Adults: Do Gender and Region Matter?. *Eur J Public Health*. 2017 Aug 1;27(4):692-699. PMID: 28431128
61. Akhuemonkhan E, **Lazo M**. Association between Family History of Diabetes and Cardiovascular Disease and Lifestyle Risk Factors in the United States Population: The 2009 – 2012 National Health and Nutrition Examination Survey. *Preventive Medicine*. 2016; 96:129-134. PMID: 28007493
62. Cuevas AM, **Lazo M**, Zúñiga I, Carrasco F, Potter JJ, Álvarez V, Berry M, Maluenda F, Ferrario M, Clark JMC. Expression of Myd88 in subcutaneous adipose tissue of obese people: is there some role in the development of Metabolic Syndrome?. *Metab Syndr Relat Disord*. 2017;15(2):80-85. PMID: 28075222
63. Florido R, Ndumele CE, Kwak L, Pang Y, Matsushita K, Schrack JA, **Lazo M**, Nambi V, Blumenthal RS, Folsom AR, Coresh J, Ballantyne CM, Selvin E. Physical Activity, Obesity, and Subclinical Myocardial Damage. *JACC Heart fail*. 2017; 5(5):377-384. PMID: 28449791.
64. **Lazo M**, Nwankwo C, Daya NR, Thomas DL, Mehta SH, Juraschek S, Willis K, Selvin E. Confluence of Epidemics of Hepatitis C, Diabetes, Obesity, and Chronic Kidney Disease in the United States Population. *Clin Gastroenterol Hepatol*. 2017;15(12):1957-1964. PMID: 28579183

65. Hong YS, Chang Y, Ryu S, Cainzos-Achirica M, Kwon MJ, Zhang Y, Choi Y, Ahn J, Rampal S, Zhao D, Pastor-Barriuso R, **Lazo M**, Shin H, Cho J, Guallar E. Hepatitis B and C virus infection and diabetes mellitus: A cohort study. *Sci Rep*. 2017 Jul 4;7(1):4606. PMID: 28676706.
66. Sinn DH, Kang D, Jang HR, Gu S, Jin Cho S, Paik SW, Ryu S, Chang Y, **Lazo M**, Guallar E, Cho J, Gwak GY. Development of Chronic Kidney Disease in patients with Non-alcoholic Fatty Liver Disease: A Cohort Study. *J Hepatol*. 2017;67(6):1274-1280. PMID: 28870674
67. Sathiyakumar V, Park J, Golozar A, **Lazo M**, Quispe R, Guallar E, Blumenthal RS, Jones SR, Martin SS. Fasting vs Non-Fasting and Low-Density Lipoprotein-Cholesterol Accuracy. *Circulation*. 2018; 137(1):10-19. PMID: 29038168
68. Parrinello CM, Rudolph BJ, **Lazo M**, Gallo LC, Thyagarajan B, Cotler SJ, Qi Q, Seeherunvong T, Vidot DC, Strickler HD, Kaplan RC, Isasi CR. Associations of Insulin Resistance and Glycemia With Liver Enzymes in Hispanic/Latino Youths: Results From the Hispanic Community Children's Health Study/Study of Latino Youth (SOL Youth). *J Clin Gastroenterol*. 2019 Feb;53(2):e46-e53. PMID: 29099463
69. Ndumele CE, Cobb L, **Lazo M**, Bello NA, Shah A, Nambi V, Blumenthal RS, Gerstenblith G, Solomon SD, Ballantyne CM, Selvin E, Coresh J. Weight History and Subclinical Myocardial Damage. *Clin Chem*. 2018;64(1):201-209. PMID: 29158254
70. Smith JW, Kroker-Lobos MF, **Lazo M**, Rivera A, Egner PA, Wedemeyer H, Torres O, Freedman ND, McGlynn KA, Guallar E., Groopman JD, Ramirez-Zea M. Aflatoxin and viral hepatitis exposures in Guatemala: Molecular biomarkers reveal a unique profile of risk factors in a region of high liver cancer incidence. *PLoS One*. 2017 Dec 13;12(12):e0189255. PMID: 29236788
71. Florido R, Kwak L, **Lazo M**, Nambi V, Ahmed HM, Hedge SM, Gerstenblith G, Blumenthal RS, Ballantyne CM, Selvin E, Folsom AR, Coresh J, Ndumele CE. Six-Year Changes in Physical Activity and the Risk of Incident Heart Failure: The Atherosclerosis Risk in Communities (ARIC) Study. *Circulation*. 2018;137(20):2142-2151. PMID: 29386202.
72. Spratlen MJ, Grau-Perez M, Best LG, Yracheta J, **Lazo M**, Vaidya D, Balakrishnan P, Gamble MV, Francesconi K., Goessler W, Cole SA, Umans JG, Howard BV, Navas-Acien A. The Association of Arsenic Exposure and Arsenic Metabolism with the Metabolic Syndrome and its Individual Components: Prospective Evidence from the Strong Heart Family Study. *Am J Epidemiol*. 2018;187(8):1598-1612. PMID: 29554222
73. Jang HR, Kang D, Sinn DH, Gu S, Cho SJ, Lee JE, Huh W, Paik SW, Ryu S, Chang Y, Shafi T, **Lazo M**, Guallar E, Cho J, Gwak GY. Nonalcoholic fatty liver disease accelerates kidney function decline in patients with chronic kidney disease: a cohort study. *Sci Rep*. 2018 Mar 16;8(1):4718. PMID: 29549269
74. Hu EA, **Lazo M**, Selvin E, Hamilton JP, Grams ME, Steffen LM, Coresh J, Rebholz CM. Coffee consumption and liver-related hospitalizations and deaths in the ARIC study. *Eur J Clin Nutr*. 2019;73(8):1133-1140. PMID: 30341433
75. Rivera-Andrade A, Kroker-Lobos MF, **Lazo M**, Freedman ND, Smith JW, Torres O, McGlynn KA, Groopman JD, Guallar E., Ramirez-Zea M. High prevalence of non-alcoholic fatty liver disease and metabolic risk factors in Guatemala: A population-based study. *Nutr Metab Cardiovasc Dis*. 2019;29(2):191-200. PMID: 30573307.
76. Pilla SJ, Balasubramanyam A, Knowler WC, **Lazo M**, Nathan DM, Pi-Sunyer X, Clark JM, Maruthur NM, The Look AHEAD Research Group (2018). Islet Autoantibody Positivity in Overweight and Obese Adults with Type 2 Diabetes. *Autoimmunity*. 2018;51(8):408-416. PMID: 30661481
77. Hong YS, Ryu S, Chang Y, Cainzos-Achirica M, Kwon MJ, Zhao D, Shafi T, **Lazo M**, Pastor-Barriuso R, Shin H, Cho J, Guallar E. Hepatitis B virus infection and development of chronic kidney disease: a cohort study. *BMC Nephrol*. 2018;19(1):353. doi: 10.1186/s12882-018-1154-4. PMID: 30537940
78. He X, Rebholz CM, Daya N, **Lazo M**, Selvin E. Alcohol Consumption and Incident Diabetes: The Atherosclerosis Risk in Communities (ARIC) Study. *Diabetologia*. 2019; 62(5):770-778. PMID: 30820594.
79. Hu EA, **Lazo M**, Rosenberg SD, Grams ME, Steffen LM, Coresh J, Rebholz CM. Alcohol consumption and incident kidney disease: Results from the Atherosclerosis Risk in Communities (ARIC) Study. *J Ren Nutr*. 2019. doi: 10.1053/j.jrn.2019.01.011. [Epub ahead of print] PMID: 30850190.

80. Lee CJ, Wood GC, Bressler N, Govina T, **Lazo M**, Brown TT, Clark JM, Still C, Benotti P. Validation of the Use of Electronic Medical Records for Identification of Post-gastric Bypass Hypoglycemia Cases. *Obes Surg*. 2019; 29(7):2126-2131 PMID: 30805857
81. Knapp EA, Bilal U, Dean LT, **Lazo M**, Celentano DD. Rising Economic Insecurity is Associated with “Deaths of Despair” in US Counties. *AJE*. 2019 Apr 24. pii: kwz103. doi: 10.1093/aje/kwz103. [Epub ahead of print] PMID: 31172197
82. Selvin E., Wang D., McEvoy JW, Juraschek SP, **Lazo M**, Hamet P, Cooper M, Marre M, Williams B, Harrap S, Chalmers J, Woodward M. Response of 1,5-anhydroglucitol to intensive glucose- and blood-pressure lowering interventions, and its associations with clinical outcomes in the ADVANCE trial. *Diabetes, Obesity and Metabolism*. 2019; 21(80):2017-2023. PMID: 31050156
83. Wang A, **Lazo M**, Carter HB, Groopman JD, Nelson WG, Platz EA. Association Between Liver Fibrosis and Serum Prostate Specific Antigen (PSA) Among US Men: Findings from National Health and Nutrition Examination Survey (NHANES) 2001–2010. *Cancer Epidemiol Biomarkers Prev*. 2019; 28(8):1331-1338. PMID: 31160348
84. Kroker-Lobos MF, Alvarez CS, Rivera-Andrade A, Smith JW, Egner P, Torres O, **Lazo M**, Freedman ND, Guallar E, Graubard BI, McGlynn KA, Ramirez-Zea M, Groopman JD. Association between aflatoxin-albumin adduct levels and tortilla consumption in Guatemalan adults. *Toxicology Reports*. 2019; 6:465-471. PMID: 31340828
85. Pallazola VA, Sathiyakumar V, Park J, Vakil RM, Toth PP, **Lazo M**, Brown E, Quispe R, Guallar E, Blumenthal R, Jones SR, Soffer D, Sniderman AD, Martin SS. : Modern Prevalence of Dysbetalipoproteinemia (Fredrickson-Levy-Lees Type III Hyperlipoproteinemia). *Archives of Medical Science*. 2019. [In press]
86. Plante TB, Gleason KT, Miller HN, Charleston J, McArthur K, Dennison Himmelfarb C, **Lazo M**, Ford DE, Miller ER III, Appel LJ, Juraschek SP for the STURDY Collaborative Research Group. Recruitment of trial participants through electronic medical record patient portal messaging: A pilot study. *Clinical Trials*. 2019. Oct 3:1740774519873657. doi: 10.1177/1740774519873657. [Epub ahead of print] PMID: 31581836
87. Kang D, Zhao D, Ryu S, Guallar E, Cho J, **Lazo M**, Shin H, Chang Y, Sung E. Perceived stress and non-alcoholic fatty liver disease in apparently healthy men and women. *Sci Rep*. 2020 Jan 8;10(1):38. doi: 10.1038/s41598-019-57036-z. PMID: 31913326

Group Authored Publication from Multi-Center Studies/Trials

1. Hameed B, Terrault NA, Gill RM, Loomba R, Chalasani N, Hoofnagle JH, Van Natta ML; NASH CRN. Clinical and metabolic effects associated with weight changes and obeticholic acid in non-alcoholic steatohepatitis. *Aliment Pharmacol Ther*. 2018 Mar;47(5):645-656. PMID: 29333665
2. Emerging Risk Factors Collaboration / EPIC-CVD / UK Biobank Alcohol Study Group [Lazo M.]. Risk thresholds for alcohol consumption: combined analysis of individual-participant data on 599,912 current drinkers in 83 prospective studies. *The Lancet*. 2018. *Lancet*. 2018 Apr 14;391(10129):1513-1523. PMID: 29676281
3. Siddiqui MS, Yamada G, Vuppalanchi R, Van Natta M, Loomba R, Guy C, Brandman D, Tonascia J, Chalasani N, Neuschwander-Tetri B, Sanyal AJ, Allende D, Dasarathy S, McCullough AJ, Penumatsa R, Dasarathy J, Lavine JE, Abdelmalek MF, Bashir M, Buie S, Diehl AM, Kigongo C, Kopping M, Malik D, Piercy D, Cummings OW, Gawrieh S, Ragozzino L, Sandrasegaran K, Brun, EM, Cattoor T, Carpenter D, Freebersyser J, King D, Lai J, Neuschwander-Tetri BA, Siegner J, Stewart S, Torretta S, Wriston K, Gonzalez MC, Davila J, Jhaveri M, Kowdley KV, Mukhtar N, Ness E, Poitevin M, Quist B, Soo S, Ang B, Behling C, Bhatt A, Middleton MS, Sirlin C, Akhter MF, Bass NM, Gill R, Hameed B, Maher J, Terrault N, Ungermann A, Yeh M, Boyett S, Contos MJ, Kirwin S, Luketic VAC, Puri P, Schlosser J, Siddiqui MS, Yost-Schomer L, Fowler K, Kleiner DE, Doo EC, Hall S, Hoofnagle JH, Lee JJ, Robuck PR, Sherker AH, Torrance R, Belt P, Clark JM, Dodge J, Donithan M, Hallinan E, Isaacson

M, **Lazo M**, Meinert J, Miriel L, Smith J, Smith M, Sternberg A, Van Natta ML, Wagoner A, Wilson LA, Yates K, NASH Clinical Research Network. Diagnostic Accuracy of Noninvasive Fibrosis Models to Detect Change in Fibrosis Stage. *Clinical Gastroenterology and Hepatology*. 2019. 17 (9):1877-1885.e5. DOI: 10.1016/j.cgh.2018.12.031

4. Kleiner DE, Brunt EM, Wilson LA, Behling C, Guy C, Contos M, Cummings O, Yeh M, Gill R, Chalasani N, Neuschwander-Tetri B, Diehl AM, Dasarathy S, Kowdley KV, Loomba R, Belt P, Tonascia J, Lavine JE, Sanyal AJ, for the NASH CRN. Association of Histological Disease Activity with progression of nonalcoholic fatty liver disease. *JAMA Network Open*. 2019. [In Press]
5. Gawrieh S, Guo X, Tan J, Lauzon M, Taylor KD, Loomba R, Cummings OW, Pillai S, Bhatnagar P, Kowdley KV, Yates K, Wilson LA, Chen YI, Rotter JI, Chalasani N; NASH Clinical Research Network. A Pilot Genome-Wide Analysis Study Identifies Loci Associated With Response to Obeticholic Acid in Patients With NASH. *Hepatol Commun*. 2019 Nov 3;3(12):1571-1584. PMID: 31832568

[*Role of the Multi-Center Studies/Trials](#)

NASH CRN: Co-investigator and Medical Safety Officer for the Coordinating Center

Emerging Risk Factors Collaboration: ARIC Co-Author

[Review Articles \[RA\]](#)

1. **Lazo M**, Clark JM. The Epidemiology of Nonalcoholic Fatty Liver Disease: A global perspective. 2008. *Semin Liver Dis*. 2008 Nov;28(4):339-50. PMID: 18956290.
2. Caldwell S, **Lazo M**. Is Exercise an Effective Treatment for NASH? Knowns and Unknowns. *Annals of Hepatology*. 2009; 8 Suppl 1:S60-S66. PMID: 19381126.
3. **Lazo M**, Bilal U, Perez-Escamilla R. Epidemiology of NAFLD and Type 2 Diabetes: Health Disparities Among Persons of Hispanic Origin. *Curr Diab Rep*. 2015 Dec;15(12):116. doi: 10.1007/s11892-015-0674-6. PubMed PMID: 26468154

[Invited Editorials](#)

1. Mukamal K, **Lazo M**. Alcohol and Cardiovascular Disease. *BMJ*. 2017 Mar 22;356:j1340. doi: 10.1136/bmj.j1340. No abstract available. PMID: 28330843
2. Lazo M, Clark JM. NAFLD and type 2 diabetes: a burgeoning problem with unclear solutions. *Hepatobiliary Surgery and Nutrition*. 2019. [In press]

[Book Chapters, Monographs \[BC\]](#)

1. **Lazo M**, Clark JM. Liver Function. POC-IT Johns Hopkins Diabetes Guide 1st Edition
2. **Lazo M**, Clark JM. Nonalcoholic Fatty Liver Disease. POC-IT Johns Hopkins Diabetes Guide 1st Edition
3. **Lazo M**, Huizinga M. Eating Disorders in Diabetes. POC-IT Johns Hopkins Diabetes Guide 1st Edition
4. **Lazo M**, Huizinga M. Physical Activity and Exercise. POC-IT Johns Hopkins Diabetes Guide 1st Edition
5. **Lazo M**. Liver Function. POC-IT Johns Hopkins Diabetes Guide 2015 update
6. **Lazo M**. Nonalcoholic Fatty Liver Disease. POC-IT Johns Hopkins Diabetes Guide 2015 update
7. **Lazo M**. Eating Disorders in Diabetes. POC-IT Johns Hopkins Diabetes Guide 2015 update
8. **Lazo M**. Physical Activity and Exercise. POC-IT Johns Hopkins Diabetes Guide 2015 update
9. **Lazo M**, Bilal U. "Epidemiology of Obesity" in *Encyclopedia of Food and Health*, Caballero B, Finglas PM and Toldra F (eds.), (Academic Press: 2015)
10. **Lazo M**, Mitchell M. "Epidemiology of Alcoholic Liver Disease" in *Alcoholic and Non-Alcoholic Fatty Liver Disease: Bench to Bedside*, Chalasani N, Szabo G (eds), (Springer: 2016)
11. **Lazo M**, Liang M. Epidemiology of Type 1 Diabetes. POC-IT Johns Hopkins Diabetes Guide 2017 update
12. **Lazo M**. Liver Function. POC-IT Johns Hopkins Diabetes Guide 2019 update
13. **Lazo M**. Nonalcoholic Fatty Liver Disease. POC-IT Johns Hopkins Diabetes Guide 2019 update

Letters, Correspondence [LT]

1. **Lazo M**, Franco M, Cooper R, Orduñez P. Better health statistics: the Cuban experience. Letter.2006. Lancet; 367:985-986. PMID: 16564357
2. **Lazo M**, Selvin E, Clark JM. "Reply," Gastroenterology. 2008 Volume 135, Issue 3, Pages 1011-1012.
3. **Lazo M**, Selvin E, Clark JM. "Reply: Drawing Conclusions about Short-Term Variability in Liver Function Test Results," Annals of Internal Medicine 2008; 149(2):145-146. PMID: 18316753

FUNDING

EXTRAMURAL Funding

Research Extramural Funding - Grants or contracts obtained to support a research initiative

Current

- 2019-2022 Characterizing health impacts of built environment features using complex data
7R01HL131610-03
NIH/NHLBI
Total direct: \$\$561,317
PI: B. Sanchez
Role: Co-investigator, 30% effort
- 2019- Our Planet, Our Health Award, "What makes cities healthy, equitable, and environmentally sustainable? Lessons from Latin America
Wellcome Trust
PI: A. Diez-Roux
Role: Co-investigator, 35% effort

Previous (in chronological order)

- 2009-2012 Epidemiology of Ultrasound-Defined NAFLD in the General U.S. Population.
1 R01 DK083393-01
NIH/NIDDK
PI: JM Clark.
Role: Graduate Research Assistant, 100% effort
- 2010-2011 Mentor-Based Postdoctoral Fellow
7-07-MN-08
American Diabetes Association.
PI: Dr. Frederick Brancati
Role: Post-doctoral fellow, 100%
- 2010-2014 Trinidad and Tobago Health Sciences Initiative (TTHSI) Diabetes Program
Johns Hopkins Medicine International
Total Direct Costs: \$8,000,000. Diabetes Outreach Program: (Research Program: \$3,000,000)
PI: F Hill-Briggs
Role: Co-investigator, 20% effort
- 2011-2012 Comparative Epidemiology for Emerging Glycemic Markers
R01 DK089174
NIH/NIDDK
PI: E Selvin
Role: Postdoctoral Fellow, 100% effort
- 2012-2015 Comparative Epidemiology for Emerging Glycemic Markers
R01 DK089174
NIH/NIDDK

PI: E Selvin
Role: Co-investigator, 30% effort

2013-2015 The Role of moderate alcohol consumption in nonalcoholic fatty liver disease
ABMRF/ The Foundation for Alcohol Research
Total direct: 100,000
Role: PI, 30-50% effort

2015 AIG Life Research Study
119658
American International Group (AIG)
PI: A Wu
Role: Co-investigator, 15% effort

2015-2017 Supplement to the Regional Oncology Research Center
15129627
NCI
Total direct: \$130,000
PI: E Guallar, J Groopman
Role: Co-investigator, 15% effort

2015-2018 Kangbuk Samsung Hospital (KSH)
122684
Total direct:
PI: E Guallar
Role: Co-investigator, 9% effort

2016-2018 The Moderate Alcohol and Cardiovascular Health Trial, Johns Hopkins Site
U10 AA025286
NIH/NIAAA
Total direct: \$3,321,242 (Johns Hopkins Field Site)
PI: M Lazo
Role: PI, 30% effort

2016-2019 Diabetes and prediabetes in older adults in ARIC
2R01DK089174
NIH/NIDDK
PI: E Selvin
Role: Co-investigator, 5% effort

2016-2019 Alternative Biomarkers of Hyperglycemia in ADVANCE
R01 DK108784
NIH/NIDDK
PI: E Selvin
Role: Co-investigator, 15% effort

2017-2019 NHANES Hepatitis C and Chronic Kidney Disease in the US
National Kidney Foundation
Total direct: \$140,000
PI: M Lazo, E Selvin
Role: Co-PI, 10% effort

2017-2019 Continuation of the Nonalcoholic Steatohepatitis Clinical Research Network
NIH/NIDDK
5U01DK061730

PI: J. Tonascia
Role: Co-investigator, 28% effort

2018-2019 Comparative Effectiveness of Health System vs. Multilevel Interventions to Reduce Hypertension Disparities
5UH3HL130688
NIH/NHLBI
PI: Cooper. Marsteller
Role: Co-investigator, 10% effort

Pending

None

Educational Extramural Funding – Grants or contracts obtained to support an educational initiative, incl. training grants

Current

None

Previous

2012-2014 Trinidad and Tobago Health Sciences Initiative (TTHSI), Diabetes Research Programme
Government of the Republic of Trinidad and Tobago
PI: F Hill-Briggs
Role: Co-investigator, 10% effort

Pending

None

INTRAMURAL Funding

Research Intramural Funding

Current

2019-2022 Urban Health Collaborative
Dornsife School of Public Health, Drexel University
Role: Co-investigator. Effort: 35%

Previous

2013 The role of MicroRNA in NAFLD
Johns Hopkins GI Core Center P & F Project Award
Total direct: \$25,000
Role: PI. No effort

2015 Pilot Study of the Short and Long-term Effects of an Intensive Lifestyle Intervention on Nonalcoholic Fatty Liver Disease among Adults with Type 2 Diabetes
Nexus Award Program, Translational Research Community, ICTR, The Johns Hopkins University
Total direct: \$86,211
Role: PI, Effort: 10%

2017-2019 Gene-Aflatoxin Interactions in Liver Disease in Guatemala
Genetics Translational Technology Core, ICTR, The Johns Hopkins University
Total allocated: \$26,846
Role: PI. No effort.

2016-2019 W.H. Linda Kao Scholar Award. The Johns Hopkins Bloomberg School of Public Health
Gene-Aflatoxin Interactions in Liver Disease in Guatemala

Total allocated: \$10,000

Role: PI. No effort.

2017-2019 Pilot Study: Liver stiffness reliability study
Cigarette Restitution Fund, The Johns Hopkins University
Role: Co-PI. No effort.

System Innovation or Quality Improvement Intramural Funding

Current

None

Previous

2014-2015 Johns Hopkins Health Care/ Welch Center. 4 Projects of quality improvements
Role: Lead investigator (1 project) and Co-investigator (1 project)

CLINICAL ACTIVITIES— NA

EDUCATIONAL ACTIVITIES

Educational Focus

Teaching

Classroom instruction

2001-2002 Instructor, 4th year medical students, Problem Based Learning, University of La Salle, Mexico City, Mexico

2005-2007 Teaching Assistant, post-graduate education, Epidemiology for Health Managers, Department of Epidemiology and Distance Education Division Johns Hopkins Bloomberg School of Public Health. [International]

2006-2011 Teaching Assistant, post-graduate education, Problem Solving for Public Health, Department of Environmental Health and Distance Education Division Johns Hopkins Bloomberg School of Public Health. [International]

2007-2008 Teaching Assistant, post-graduate education, Epidemiology of Obesity and Diabetes and Epidemiologic Methods, Department of Epidemiology Johns Hopkins Bloomberg School of Public Health

2007 Teaching Assistant, post-graduate education, Epidemiologic Methods 2, Department of Epidemiology Johns Hopkins Bloomberg School of Public Health

2009-2011 Instructor, post-graduate education, Epidemiology for Health Managers, Department of Epidemiology and Distance Education Division Johns Hopkins Bloomberg School of Public Health. [International]

2012-2018 Small Group Leader, 1st year medical students, Clinical Epidemiology. Johns Hopkins University School of Medicine. Baltimore, MD

2012 Small Group Leader, post-graduate, Introduction to Clinical Research: A Two-Week Intensive Course, Baltimore, MD

2013-2019 Co-Director and Lecturer, post-graduate education, Course title: “Epidemiology of Diabetes and Obesity”. Department of Epidemiology Johns Hopkins Bloomberg School of Public Health. Baltimore, MD

2014 Small Group Leader, post-graduate, Introduction to Clinical Research: A Two-Week Intensive Course, Baltimore, MD

2017 Small Group Leader, post-graduate, Introduction to Clinical Research: A Two-Week Intensive Course, Baltimore, MD

2017 Lecturer, post graduate education. Course: “Alcohol, Society and Health”. Department of Health Policy and Management, Johns Hopkins Bloomberg School of Public Health. Baltimore, MD.

Clinical Instruction

None. N/A

CME Instruction

None. N/A

Workshops /seminars

JHMI/Regional None

National None

International

2011 Lecturer, post-graduate, Multivariate Data Analyses (one-week workshop), Nicaragua; sponsor: NHLBI-Center of Excellence CIIPEC

Mentoring

Pre-doctoral Advisees /Mentees – add pre-doctoral advisees here (if any)

None

Post-doctoral Advisees /Mentees

2012-2013 Anawin Sanguankeo, MD, currently Resident, Nephrology, Johns Hopkins Bayview Hospital. Post-doctoral fellow, co-authored article OR 54

2013-2014 *Clare Lee, MD, currently Assistant Professor, Endocrinology, Johns Hopkins University, Post-doctoral fellow, co-authored article OR 36

2013-2014 Eboselume Akhuemonkhan, MD, currently Resident, Internal Medicine, The Wright Centers for GME. MPH-BSPH, co-authored article OR 61

2013-2014 Kavita Dharamraj, MD, currently Physician at South West Regional Health Authority, Trinidad and Tobago. MPH-BSPH.

2013-2016 Mahadevan Rajaram, MBBS. Part-time MPH-BSPH.

2014-2015 Sang Won Seo, MD, currently Physician, Neurology, Samsung Medical Center, Seoul, South Korea. Visiting Scholar, co-authored article OR 49

2014-2015 Rishi Ramtahal, MD, currently Acting Consultant Medicine at South West Regional Health Authority, Trinidad and Tobago. Post-doctoral Fellow, co-authored article OR 44

2015-2016 Devon Charlton, MD, Program Director and Rheumatologist, UPMC. Part-time MPH-BSPH.

2015-2016 Prince Nuamah, currently Clinical Research Compliance Specialist at Johns Hopkins Bayview Medical Center. MPH-BSPH.

2014-2016 Anawin Sanguankeo, MD, currently Resident, Nephrology, Johns Hopkins Bayview Hospital. Part-time MPH-BSPH.

2014 Alex Chang, MD, currently Assistant Professor, Nephrology, Geisinger Health System, Post-doctoral fellow, co-authored article OR 33

2014-2015 Sonsoles Fuentes, currently PhD Candidate at Sante Publique France. MPH Student, co-authored article OR 60

2016-2018 Emily Knapp, PhD, currently Assistant Scientist, Department of Epidemiology, BSPH-JHU, PhD-BSPH

2017-2018 Rasheedat Oke Anderson, MD. MPH-BSPH.

2018-2019 Yvonne Commodore-Mensah, Ph.D, R.N Degree: Master of Science Epidemiology.

2018- Marci Laudenslager, MD, GIM-Fellowship, MHS-BSPH

*Co-mentored with Dr. Jeanne Clark

Thesis/Exams committees

2019 Catelyn Coyle, PhD Schoolwide Oral Exam Committee

2019 Yvonne Commodore-Mensah, Ph.D, R.N. “High burden of Subclinical and Cardiovascular Disease Risk in Adults with Metabolically Healthy Obesity: The Atherosclerosis Risk in Communities (ARIC) Study”. (JHBSPH). Degree: Master of Science Epidemiology. Thesis co-advisor

2018 Anqi Wang, ScM “Association Between Liver Fibrosis and Serum Prostate Specific Antigen (PSA) Among US Men: Findings from National Health and Nutrition Examination Survey (NHANES) 2001–2010”. (JHBSPH). Degree: Master of Science Epidemiology. Thesis Reader

2017 Ashton Shaffer, PhD Schoolwide Oral Exam Committee

2017 Alex Secora, PhD Schoolwide Oral Exam Committee

2017 Jose Flores, PhD Final Defense Exam Committee

2016 Alexandra Lee, PhD Schoolwide Oral Exam Committee

2016 Brittany Jock, PhD Schoolwide Oral Exam Committee

2016 Bethany Warren, PhD Schoolwide Oral Exam Committee

2016	Geoffrey Dougherty, PhD Schoolwide Oral Exam Committee
2016-2018	Emily Knapp, PhD, Economic insecurity and mortality in the United States. Degree: PhD Epidemiology (JHBSPH). Thesis committee member.
2016-2018	Miranda Jones, PhD “The role of one-carbon metabolism on arsenic metabolism and the development of metabolic syndrome”. Degree: PhD Environmental Health (JHBSPH). Thesis committee member.
2015	Katherine Moon, PhD Schoolwide Oral Exam Committee
2015	Kristina Weeks, DrPH Schoolwide Oral Exam Committee
2014	Alexo Esperato-Martinez. Degree: PhD Health Policy and Management Policy and Management (JHBSPH). Thesis Reader
2013	Nadine Alexander. Degree: Master of Science Epidemiology (JHBSPH). Thesis Reader
2013	Cesar Ugarte Gil, PhD Schoolwide Oral Exam Committee

[Educational Program Building / Leadership](#) — NA

[Educational Demonstration Activities to external audiences](#) — NA

RESEARCH ACTIVITIES

Research Focus

Dr. Lazo **current research interest** involves understanding the contributions of socioeconomic and neighborhood conditions to the distribution of chronic liver diseases and risk factors (alcohol consumption and obesity), and to the observed disparities by race/ethnicity (particularly among Hispanics) and by SES. In addition, Dr. Lazo is interested in characterizing the burden of chronic liver disease and risk factors in Latin American countries.

Her past research work include pioneering work characterizing the epidemiology of chronic liver diseases, in particular fatty liver disease, in the US. Dr. Lazo was instrumental in the creation of the first hepatic steatosis component of the Third National and Nutrition Examination Survey (NHANES III), which constitutes the largest publicly available resource to date to examine correlates and consequences of hepatic steatosis in a representative sample of the US population. Additionally, Dr. Lazo rigorously evaluated the most common methods to detect this highly prevalent condition; examined its natural history, its cardiovascular effects; and the effects of lifestyle-related factors and other interventions, and the race-ethnic disparities. Since 2018, Dr. Lazo has been the only consultant for the National Center of Health Statistics (NCHS) for the monitoring and evaluation of the quality of the measurement of liver fibrosis using Fibroscan among the National Health and Nutrition Examination Survey (NHANES) participants. Dr. Lazo was co-investigator of the Data Coordinating Center for the NIH-NIDDK funded NASH Clinical Research Network. Other areas of work include the cardiometabolic health effects of alcohol consumption. Dr. Lazo was the site PI for a multi-center NIH randomized clinical trial of moderate alcohol consumption; and has considerable expertise in the implementation of such trials. Dr. Lazo held study-wide leadership positions, for example she served as chair of the measurement and procedures and quality control and safety subcommittees; she was a voting member of the steering committee.

Her work has employed a broad scope of methodologies from primary data collection, to secondary data analyses of US national surveys and cohort studies, systematic reviews, and the conduct of clinical trials. Dr. Lazo has conducted work in the U.S. but also internationally in Latin America.

Dr. Lazo has served on the editorial board of specialty journals such as Gut and Annals of Hepatology, and she is currently At-Large Steering Committee Member for the Public Health / Health Care Delivery Special Interest Group of the American Association for the Study of Liver Disease (AASLD).

[Research Program Building / Leadership](#) — NA

[Research Demonstration Activities](#) to external audience, on or off campus — NA

[Inventions, Patents, Copyrights](#) — NA

[Technology Transfer Activities](#) — NA

SYSTEM INNOVATION AND QUALITY IMPROVEMENT ACTIVITIES — NA

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments

2015-2019 Member, Department of Medicine's Diversity Council. Johns Hopkins Medicine

Editorial Activities

Editorial Board appointments

2015-2016 Statistical/Methods Editor, Gut

2018- Associate Editor, Annals of Hepatology

Journal peer review activities (ad hoc)

2007- Annals of Internal Medicine

2007- Circulation

2007- Journal of the Pan American Journal of Public Health

2009- American Journal of Hypertension

2009- Journal of the National Medical Association

2010- Journal of Hepatology

2010- BMC

2011- Epidemiology

2011- The Scandinavian Journal of Clinical & Laboratory Investigation

2013- Diabetes Care

2013- Metabolism

2013- Liver International

2014- Clinical Gastroenterology and Hepatology

2015- PLOS One

2015- Gut

2015- Diabetes and Metabolism

2016- Hepatology

2017- Neurology

2017- Cancer Epidemiology, Biomarkers and Prevention

2017- American Journal of Gastroenterology

2018- American Journal of Preventive Medicine

2018- BMJ Open

2018- Alcoholism: Clinical and Experimental Research

2019- The Lancet Gastroenterology and Hepatology

Other peer review activities — NA

Advisory Committees, Review Groups/Study Sections

11/2016 Grant Reviewer, Epidemiology Clinical Research 1 Integrated Review Group Office of Research & Development EPID (VA)

2016 Abstract Reviewer, American Heart Association, Nutrition, Physical Activity and Metabolism Conference

2016 Abstract Reviewer, American Diabetes Association, Scientific Sessions

02/2017 Grant Reviewer, UK Diabetes

06/2017 Grant Reviewer, Epidemiology Clinical Research 1 Integrated Review Group Office of Research & Development EPID (VA)

11/2017 Grant Reviewer, Epidemiology Clinical Research 1 Integrated Review Group Office of Research & Development EPID (VA)

2017-2018 Chair of Subcommittee, The Moderate Alcohol Moderate Alcohol Cardiovascular Health (MACH15) Trial. Chair of the Measurement, Procedures and Quality control subcommittee.

2017 Interim Chair of Subcommittee, The Moderate Alcohol Moderate Alcohol Cardiovascular Health (MACH15) Trial. Safety Subcommittee

2017-2018 Member of Subcommittee, The Moderate Alcohol Moderate Alcohol Cardiovascular Health (MACH15) Trial. Member of the design and analysis, safety and steering subcommittees.

05/2018 Grant Reviewer, Wellcome (UK), Clinical research Career Development Fellowship
 06/2018 Grant Reviewer, Epidemiology Clinical Research 1 Integrated Review Group Office of Research & Development EPID (VA)
 2018 Abstract Reviewer, American Heart Association Scientific Sessions
 12/2018 Grant Reviewer, Epidemiology Clinical Research 1 Integrated Review Group Office of Research & Development EPID (VA)
 01/2019 Abstract Reviewer, American Diabetes Association, Scientific Sessions

Professional Societies

2011-Present American Association for the Study of Liver Disease (AASLD), Member
 2011-2013 American Gastroenterology Association (AGA), Member
 2012-Present American Heart Association-Epidemiology Council (AHA-Epi), Member
 2020-2022 American Association for the Study of Liver Disease (AASLD), At-Large Steering Committee Member for the Public Health / Health Care Delivery SIG

Conference Organizer – NA

Session Chair – NA

Consultantships

2017-2019 **National Center for Health Statistics (NCHS)/ Westat.** Paid consultant for the liver ultrasound transient elastography component of the 2017- 2018 National Health and Nutritional Examination Survey (NHANES). Role: To provide technical advice on the quality of the liver elastography data collected in the NHANES mobile examination centers (MEC).

RECOGNITION

Awards, Honors

1996 Academic Achievement Award. University of La Salle, Mexico (Given to top class student)
 1999 Academic Achievement Award. University of La Salle, Mexico (Given to top class student)
 2000 Internship Clinical Achievement Award. General Hospital “Dr. Manuel Gea Gonzalez” (Given to top student during internship)
 2003-2006 National Council for Science and Technology. Mexico. Scholar No. 178345.
 2011 Inductee, Delta Omega Society
 2011 Inductee, Phi Beta Kappa Society
 2012 Stanley L. Blumenthal MD Cardiology Research Award. Johns Hopkins School of Medicine.
 2014 Nexus Award Program, Translational Research Communities. Johns Hopkins ICTR. *Pilot Project Funding*
 2016 W.H. Linda Kao Scholar Award. *Pilot Project Funding.*

Invited Talks

JHMI/Regional

2013 “Nonalcoholic Fatty Liver Disease”. General Internal Medicine Grand Rounds, Johns Hopkins School of Medicine
 2013 “Nonalcoholic Fatty Liver Disease: Basic and Molecular Epidemiology”. Welch Center Grand Rounds, Johns Hopkins School of Medicine
 2015 “Health Disparities Research: Focus in the Latino Community”, University of Maryland, Lecture, Medical Students
 2016 “Epidemiology of Fatty Liver Disease: lessons learned while studying it and recent findings”. General Internal Medicine Fellowship Grand Rounds, Johns Hopkins School of Medicine
 2017 “The Moderate Alcohol and Cardiovascular Health Study” Center for Alcohol Marketing and Youth. Johns Hopkins Bloomberg School of Public Health.
 2019 “Disparities in Liver Disease among Hispanics”. General Internal Medicine Grand Rounds, Johns Hopkins School of Medicine

National

- 2017 “Fatty Liver Disease” Association of American Indian Physicians (AIP) 46th Annual Meeting and National Health Conference. Oklahoma.
- 2019 “Disparities in Liver Disease among Hispanics”. Dornsife School of Public Health at Drexel University. Joint Seminar: Department of Community Health & Prevention and Department of Epidemiology and Biostatistics.
- International
- 2013 “Implementation and evaluation of community-based interventions for childhood obesity prevention” Pan American Conference on Obesity, Aruba
- 2016 “Novel Screening Methods for Fatty Liver Disease” Kangbuk Samsung Hospital International Symposium. Seoul, South Korea.

OTHER PROFESSIONAL ACCOMPLISHMENTS

Oral/Podium Presentations

1. “NT-proBNP and Incident Diabetes” June 2012. American Diabetes Association Scientific Sessions, Philadelphia, PA, USA
2. “NT-proBNP and Diabetes Incidence” November 2012. ARIC Monitoring Board Meeting, Bethesda, MD, USA
3. “Alcohol Consumption and Hepatic Steatosis in the General U.S. Population”. April 10 2014. European Association for the Study of the Liver, London, UK

Community Services

Johns Hopkins Centro SOL - Center for Salud/Health and Opportunity for Latinos (Centro de Johns Hopkins para Salud y Oportunidad de los Latinos): Participation in the Outreach Program, a partnership with El Zol Radio. Radio Show and Latino Health Column. 2016. Topic: Liver diseases in Hispanics.

JHU Brancati Center for the Advancement of Community Care: Participation in “Mueveton” (2016, 2017, 2018), blood pressure screening among Hispanics residents of Baltimore.

Humanitarian Activities— NA

Philanthropic Activities— NA

Other— NA