

College of Veterinary Medicine

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EDUCATION/TRAINING

Institution and Location	Degree	Graduation Year	Major
Prairie View A&M University	BS	2004	Biology
University of Pittsburgh	MPH	2007	Public Health Genetics
University of Pittsburgh	PhD	2010	Human Genetics
University of Texas MD Anderson Cancer Center	Postdoc		Cancer Health Disparities
Baylor College of Medicine	Postdoc		Cancer Health Disparities

TEACHING

Cancer biology, epidemiology I and II, genetic epidemiology, health disparities

RESEARCH INTERESTS

My primary research interest explores the intersectionality of aberrant wound healing and prostate cancer development to identify causative mechanisms of cancer inequities.

PUBLICATIONS

- 1.) Nevarez L, Hovick SR, Enard KR, Lloyd SM, Kahlor LA. Race/Ethnic Variations in Predictors of Health Consciousness Within the Cancer Prevention Context. *Am J Health Promot.* 2020 Feb 10.
- 2.) Lloyd SM, Gohlke JH, Basu S, Putluri V, Vareed SK, Rasaily U, Piyarathna DWB, Fuentes H, Rajendiran TM, Dorsey TH, Ambati CR, Sonavane R, Karanam B, Bhowmik SK, Kittles R, Ambs S, Mims MP, Ittmann M, Jones JA, Palapattu G, Putluri N, Michailidis G, Sreekumar A. Methionine-Homocysteine Pathway in African-American Prostate Cancer. *JNCI Cancer Spectr.* 2019 Jun;3(2):pkz019.
- 3.) Piyarathna DWB, Balasubramanian A, Arnold JM, Lloyd SM, Karanam B, Castro P, Ittmann MM, Putluri N, Navone N, Jones JA, Yu W, Sandulache VC, Sikora AG, Michailidis G, Sreekumar A. (2019). ERR1 and PGC1 α associated mitochondrial alterations correlate with pan-cancer disparity in African Americans. *J Clin Invest.* 129(6):2351-2356.
- 4.) Hooker SE Jr, Woods-Burnham L, Bathina M, Lloyd S, Gorjala P, Mitra R, Nonn L, Kimbro KS, Kittles RA. (2019). Genetic Ancestry Analysis Reveals Misclassification of Commonly Used Cancer Cell Lines. *Cancer Epidemiol Biomarkers Prev.* 28(6):1003-1009.
- 5.) Kaushik A, Shojaie A, Panzitt K, Sonavane R, Venghatakrishnan H, Manikkam M, Zaslavsky A, Putluri V, Vasu V, Zhang Y, Khan A, Lloyd S, Szafran A, Dasgupta S, Bader D, Stossi F, LI H, Samanta S, Cao X, Tsouko E, Huang S, Frigo D, Chan L, Edwards D, Kaiparettu B, Mitsiades N, Weigel N, Mancini M, McGuire S, Mehra R, Ittmann M, Chinnaiyan A, Putluri N, Palapattu G, Michailidis G, Sreekumar A. (2016). Inhibition of hexosamine biosynthetic pathway promotes castration resistant prostate cancer. *Nature Commun.* 19(7):11612.
- 6.) Lloyd SM, Arnold J, Sreekumar A. (2015). Metabolomic profiling of hormone-dependent cancers: A bird's eye view. *Trends Endocrinol Metab.* 26(9):477–485.
- 7.) Hall M, Carter-Francique A, Lloyd SM, Eden T, Zuniga A, Guidry J, Jones LA. (2015). Bias within: Examining the role of cultural competence perceptions in mammography adherence. *SAGE Open.* January-March 2015:1–7.
- 8.) Dallal C, Garte S, Ragin C, Chen J, Lloyd S, Modugno F, Weissfeld J, Taioli E. (2013). Plasma leptin levels, LEPR Q223R polymorphism and mammographic breast density: A cross-sectional study. *Int J Biol Markers.* 28(2):161–7.
- 9.) Lloyd SM, Lopez M, El-Zein R. (2013). Cytokinesis-Blocked Micronucleus Assay and Spectral Karyotyping as methods for identifying chromosome damage among lung cancer cases. *Genes Chromosomes Cancer.* 52(7):694–707.
- 10.) Lloyd, SM (2012). Accessibility and Availability of Breast Health Services in Houston/Harris County: What is keeping African American and Hispanic Women out? AVON Foundation Technical Report. DOI: 10.13140/2.1.3902.8005
- 11.) Walsh KM, Gorlov IP, Hansen HM, Wu X, Spitz MR, Zhang H, Lu EY, Wenzlaff AS, Sison JD, Wei C, Lloyd SM, Chen W, Frazier ML, Seldin MF, Bierut LJ, Bracci PM, Wrensch MR, Schwartz AG, Wiencke JK, Amos CI. (2012). Fine-mapping of the 5p15.33, 6p22.1p21.31 and 15q25.1 regions identifies functional and histology-specific lung cancer susceptibility loci in African-Americans. *Cancer Epidemiol Biomarkers Prev.* (22):251–260.
- 12.) Walsh KM, Amos CI, Wenzlaff AS, Gorlov IP, Sison JD, Wu X, Spitz MR, Hansen HM, Lu EY, Wei C, Zhang H, Chen W, Lloyd SM, Frazier ML, Bracci PM, Seldin MF, Wrensch MR, Schwartz AG, Wiencke JK. (2012). Association study of nicotinic acetylcholine receptor genes identifies a novel lung cancer susceptibility locus near CHRNA1 in African-Americans. *Oncotarget.* 3(11):1428–38.
- 13.) Im A, Vogel VG, Ahrendt G, Lloyd SM, Ragin C, Garte S, Taioli E. (2009). Urinary estrogen metabolites in women at high risk for breast cancer. *Carcinogenesis.* 30(9): 1532–1535.