

# Marvin E. Langston, PhD, MPH

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 Stanford, CA 94305

**EDUCATION** **University of Arizona, Mel and Enid Zuckerman College of Public Health, Tucson AZ**  
 PhD, Epidemiology-Minor Spatial Statistics and Analysis, Summer 2016.  
 \*Dissertation: "Spatially Derived Risk Factors for Cutaneous Melanoma"  
 Chair: Leslie Dennis, PhD, MS

**Saint Louis University, School of Public Health, Saint Louis MO**  
 MPH, Epidemiology, Spring 2012.  
 \*Practicum: "Algorithm Development to Classify Episodes of Infection"

**University of Notre Dame, College of Science, Notre Dame IN**  
 BS, Science/Business, Spring 2010.

ACADEMIC POSITIONS	Position Title	Date	Principal Investigator	Institution
	Assistant Professor of Epidemiology and Population Health	Apr 2022-	---	Stanford University School of Medicine
Research Scientist I	Sep 2021-March 2022	---	Kaiser Permanente of Northern California	
Staff Scientist	Sep 2019-Sep 2021	Stephen Van Den Eeden, PhD	Kaiser Permanente of Northern California	
Postdoctoral Research Scholar	Aug 2016-Aug 2019	Graham Colditz, MD, DrPH & Aimee James, PhD, MPH	Washington University School of Medicine	
Graduate Research Assistant	July 2012-Aug 2015	Leslie Dennis, PhD, MS	University of Arizona	
Research Technician	May 2011-Aug 2012	Siobhan Sutcliffe, PhD, ScM, MHS	Washington University School of Medicine	
Graduate Research Assistant	Oct 2010-Aug 2012	Ross Brownson, PhD and Elizabeth Baker, PhD, MPH	Prevention Research Center in St. Louis	

Current

**RESEARCH SUPPORT** Long-term effectiveness of BPH/LUTS pharmacological therapies and using machine learning based predictive analytics to tailor treatment. 09/01/2021-08/31/2025  
 K01DK129405 \$636,968

National Institute of Diabetes and Digestive and Kidney Diseases Role: PI

Pending Review

Identifying disparities in prostate cancer outcomes and healthcare utilization for gay and bisexual men while improving their quality of life using an adaptation of the FOCUS intervention.

R01CA274483 (Langston & Daniels)

National Cancer Institute

Role:mPI

Improving the evidence base for tailored prostate cancer screening in multiethnic populations.

R01CA270649 (Langston and Sutcliffe)

National Cancer Institute

Role:mPI

Past

Health Equity and Diversity Scholarship (Langston)

07/01/2021-06/31/2022

Division of Research, Kaiser Permanente Northern California

\$125,000

Role: PI

Kaiser Community Benefits Grant

01/01/2021-12/31/2021

Prediction of Postoperative Urinary Retention in a Large Integrated Health System

\$175,000

Role: PI

Kaiser Cancer Section Pilot Grant Program

01/01/2020-12/31/2021

Circulating viral content and association with prostate specific antigen concentration in young men within the multiphasic health study cohort-a pilot analysis.

\$20,000

Role: PI

UCSF-Kaiser Urological Epidemiology Career Development Award

K12DK111028 (Huang & VanDen Eeden)

09/03/2019-08/31/2021

National Institute of Diabetes and Digestive and Kidney Diseases

Role: Scholar

Delivery Science Targeted Analysis Program (Gasparini, PI)

07/01/2020-12/31/2020

Significance of borderline high and high serum calcium levels in high risk kidney stone patients in a community practice.

Role: Co-I

Postdoctoral Training in Cancer Prevention and Control

T32CA190194 (Colditz & James)

08/15/2016 – 08/14/2019

National Cancer Institute

Role: Trainee

Skin Cancer (melanoma) and Arsenic Exposure

R01CA118493 Diversity Supplement (Dennis)

07/01/2013 – 06/30/2014

National Cancer Institute

Role: Trainee

RESEARCH  
INTERESTS

1. Environmental and infectious causes of cancer
2. Prostate cancer etiology focusing on early life risk factors
3. Cancer health disparities
4. Benign urological conditions
5. Advanced methodological techniques including spatial epidemiology, molecular epidemiology, and machine learning for predictive analytics

JOURNAL  
ARTICLES

Lewis-Thames MW, **Langston ME**, Khan S, Han Y, Fuzzell L, Xu S, Moore JX. Rural-Urban Trends in 5-Year Survival of Patients with Lung, Prostate, Breast, and Colorectal Cancers: 1975-2011 Surveillance, Epidemiology, and End Results (SEER). *JAMA Network Open*. 2022 May 2;5(5):e2212246. doi: 10.1001/jamanetworkopen.2022.12246. PMID: 35587350.

**Langston ME**, Brown HE, Lynch CF, Roe DJ, Dennis LK. Ambient UVR and Environmental Arsenic Exposure in Relation to Cutaneous Melanoma in Iowa. *Int J Environ Res Public Health*. 2022 Feb 3;19(3):1742. doi: 10.3390/ijerph19031742. PMID: 35162766; PMCID: PMC8835255.

**Langston ME**, Sfanos KS, Khan S, Nguyen TQ, De Marzo AM, Platz EA, Sutcliffe S. Why Do Epidemiologic Studies Find an Inverse Association Between Intraprostatic Inflammation and Prostate Cancer: A Possible Role for Colliding Bias? *Cancer Epidemiol Biomarkers Prev*. 2021 Feb;30(2):255-259.

Lee A, Gaither T, **Langston ME**, Cohen S, Breyer B. Lubrication Practices and Receptive Anal Sex: Implications for STI Transmission and Prevention. *Sexual Medicine*. 2021 Jun;9(3):100341.

Han Y, **Langston ME**, Fuzzell L, Khan S, Lewis-Thames MW, Colditz GA, Moore JX. Breast cancer mortality hot spots among Black women with de novo metastatic breast cancer. *JNCI Cancer Spectrum*. 2021; 5(1).

Holowatyj AN, **Langston ME**, Han Y, Viskochil R, Perea J, Cao Y, Rogers CR, Lieu CH, Moore JX. Community health behaviors and geographic variation in early-onset colorectal cancer survival among women. *Clinical and Translational Gastroenterology* 2020; 11(12), e00266.

Khan S, Lewis-Thames MW, Han Y, Fuzzell L, **Langston ME**, Moore JX. A Comparative Analysis of Medical Record Utilization and Perception by Cancer Survivorship. *Med Care*. 2020 Dec;58(12):1075-1081.

Moore JX, **Langston ME**, George V, Coughlin SS. Epidemiology of the 2020 pandemic of COVID-19 in the state of Georgia: Inadequate critical care resources and impact after 7 weeks of community spread. *JACEPOpen*. 2020; May 26;1(4):527–32.

Li J, Yu T, Javed I, Siddagunta C, Pakpahan R, **Langston ME**, Dennis LK, Kingfield DM, Moore DJ, Andriole GL, Lai HH. Does weather trigger urologic chronic pelvic pain syndrome flares? A case-crossover analysis in the multidisciplinary approach to the study of the chronic pelvic pain research network. *Neurourology and Urodynamics*. 2020; 39(5).

Lewis MW, **Langston ME**, Fuzzell L, Han Y, Moore JX, Khan S. Rural-urban differences in e-cigarette information seeking, perceived harmfulness, and ever-use: results from HINTS. *Preventive Medicine*. 2020; 130: 105898.

**Langston ME**, Horn MC, Khan S, Pakpahan R, Dennis LK, Sutcliffe SS. Clinical Prostatitis and Prostate Cancer: A meta-analysis evaluating the influence of detection bias. *Cancer Epidemiol Biomarkers Prev*. 2019; 28(10),1594-1603.

**Langston ME**, Bhalla A, Alderete JF, Nevin RL, Hansen J, Pakpahan R, De Marzo AM, Nelson WG, Isaacs WB, Sokoll L, Elliott D, Gaydos CA, Zenilman JM, Platz EA, Sutcliffe SS. *Trichomonas vaginalis* infection and prostate-specific antigen concentration: insights into prostate involvement and prostate cancer risk. *The Prostate*. 2019; 79(14), 1622-1628; PMID: PMC6715535.

**Langston ME**, Fuzzell L, Lewis MW, Khan S, Moore JX. Disparities in health information-seeking behaviors and fatalistic views of cancer by sexual orientation identity: A Nationally Representative Study of adults in the United States. *LGBT Health*. 2019; 6(4), 192-201; PMID: PMC6551968.

Han Y, Moore JX, **Langston ME**, Fuzzell L, Khan S, Lewis MW, Colditz G, Liu Y. Do breast tumor sites explain racial disparities in breast cancer outcomes? *Cancer Causes Control*. 2019.; 30(11), 1171-1182.

**Langston ME**, Pakpahan R, Nevin RL, DeMarzo AM, Elliott DJ, Gaydos CA, Isaacs WB, Nelson WG, Sokoll LJ, Zenilman JM, Platz EA, Sutcliffe SS. Sustained influence of infection burden on prostate-specific antigen concentration: an analysis of changes over 10 years of follow-up. *The Prostate*. 2018; 78, 1024-1034; PMID: PMC6690490.

Moore JX, Royston KJ, **Langston ME**, Griffin R, Hidalgo B, Wang HE, Colditz G, Akinyemiju T. Mapping hot spots of breast cancer mortality in the United States: place matters for blacks and hispanics. *Cancer Causes and Control*. 2018; 1-14; PMID: PMC630114.

Khan S, Fang C, Rancilio D, Hicks V, **Langston ME**, Richardson K, Drake B. Predictors of follow-up visits post radical prostatectomy. *American Journal of Men's Health*. 2018; 12(4), 760-765; PMID: PMC6131455.

**Langston ME**, Dennis LK, Roe D, Lynch CF, Brown HE. Temporal trends in satellite-derived erythemal UVB on lifetime ambient sun exposure assessment. *International Journal of Environmental Research and Public Health* 2017; 14(2), 176; PMID: PMC5334730.

Sutcliffe SS, Nevin RL, Pakpahan R, Elliott DJ, **Langston ME**, Cole SR, Marzo AM, Gaydos A, Isaacs WB, Nelson WG, Sokoll LJ, Walsh PC, Zenilman JM, Cersovsky SB, Platz EA. Infectious mononucleosis, other infections, and prostate-specific antigen concentration as a marker of prostate involvement during infection. *International Journal of Cancer*. 2016;138(9), 2221-2230.

Dennis LK, Lashway SG, **Langston ME**. Sun sensitivity and sunburns as related to cutaneous melanoma among populations of Spanish descent: a meta-analysis. *Journal of Dermatology Research and Therapy* 2015; 1(2).

Dodson EA, **Langston ME**, Cardick LC, Johnson N, Clayton P, Brownson RC. "Everyone should be able to choose how they get around": How Topeka, Kansas, passed a complete streets resolution. *Preventing Chronic Disease*. 2014;11:E25; PMID: PMC3938956.

Baker EA, Barnidge E, **Langston ME**, Schootman M, Motton F, & Rose F. Leadership and job readiness: addressing social determinants of health among rural African American men. *International Journal of Men's Health*. 2013;12(3), 245-259.

Dong GH, Qian ZM, Wang J, Chen W, Ma W, Trevathan E, Xaverius PK, Declue R, Wiese A, **Langston ME**, Liu MM, Wang D & Ren WH. Associations between ambient air pollution and prevalence of stroke and cardiovascular diseases in 33 Chinese communities. *Atmospheric Environment*. 2013;77, 968-973.

BOOK  
CHAPTERS

**Langston ME**, Lashway SG, Dennis LK. (2015). Risk Factors for Sun Exposure during Spring Break among College Students. In: *Sun Exposure: Risk Factors, Protection Practices and Health Effects*. Nova Science Publishers, Inc.

Gilbert KL, Ray R, & **Langston ME**. (2013). Social Dis (ease) of African American Males and Health. In: *Urban Ills: Twenty-first-Century Complexities of Urban Living in Global Contexts*, 2, 23.

PENDING  
ARTICLES

**Langston ME**, Umbehr MH, Platz EA, Drake CG, Sutcliffe SS. Serological evidence of sexually transmitted infections associated with extent and intensity of intra-prostatic inflammation.

INVITED  
PRESENTATIONS

Panel Discussion Co-Chair and Moderator. "Establishing a Dynamic Mentorship Team to Maximize Your Career Trajectory and Professional Development". Early Career Investigator Session, American Society for Preventative Oncology. Tucson AZ. March 13, 2022.

"Epidemiology of BPH/LUTs—What Have We Learned from Current Cohorts?". NIDDK Meeting-BPH and Male LUTS: Intersection between Pathology and Disease. March 30, 2022.

"Exploring a role for infections and inflammation in the etiology of prostate cancer. Old challenges and new directions." NC-LA Prostate Cancer Project Group. April 25, 2022.

"Inflammation, prostatitis, and prostate cancer: describing bias and future directions"- Prostate Cancer Foundation Young Investigator Session. March 2021.

"Inflammation and prostate diseases"-NIDDK's 2020 Collaborating for the Advancement of Interdisciplinary Research in Benign Urology meeting, Virtual. Fall 2020

“Exploring a role for infections and inflammation in the etiology of prostate cancer. Old challenges and new directions.”-Cancer Prevention and Control seminar, Arizona Cancer Center, University of Arizona, Fall 2020.

“Spatially derived risk factors for cutaneous melanoma”-Epidemiology Seminar, Mel and Enid Zuckerman College of Public Health, University of Arizona, Tucson AZ. Fall 2015

“Predictors of High Sun Exposure During Spring Break”-Cancer Prevention and Control, Arizona Cancer Center, University of Arizona, Tucson AZ. Fall 2014

CONFERENCE  
POSTERS AND  
ORAL  
PRESENTATIONS

**Langston ME**, Sutcliffe S, Shan J, Nelson WG, De Marzo AM, Platz EA, Deng DY, Aaronson DS, Van Den Eeden SK. Diagnosis of Adult Onset Infectious Mononucleosis and Risk of Clinical Prostatitis. *J Urol*. 2020;203(Supplement 4):e873-e873.

**Langston ME**, Umbehr MH, Barber JR, De Marzo AM, Goodman PJ, Nelson WG, Tangen CM, Thompson IM, Platz EA, Sutcliffe S, for the PCPT P01 investigators. Serological evidence of infections is associated with extent and intensity of intra-prostatic inflammation in men without prostate cancer or indication for biopsy in the placebo arm of the Prostate Cancer Prevention Trial. American Society of Preventative Oncology (ASPO) annual meeting, Tucson, AZ. March 2020. [https://aspo.org/wp-content/uploads/44ASPOProgramBooklet\\_VIRTUAL3.17.20.pdf](https://aspo.org/wp-content/uploads/44ASPOProgramBooklet_VIRTUAL3.17.20.pdf)

**Langston ME**, Fuzzell L, Lewis MW, Khan S, Moore JX (2019). Disparities in health information-seeking behaviors and fatalistic views of cancer by sexual orientation identity: A Nationally Representative Study of adults in the United States. Poster presentation during the American Society of Preventative Oncology (ASPO) annual meeting, Tampa, FL. March 2019.

**Langston ME**, Horn MC, Khan S, Pakpahan R, Dennis LK, Sutcliffe SS (2018). Clinical Prostatitis and Prostate Cancer: A meta-analysis evaluating the influence of detection bias. Poster presentation during the American Society of Preventative Oncology (ASPO) annual meeting, New York, NY. March 2018.

**Langston ME**, Lynch CF, Brown HE, Roe D, Dennis LK (2017). Lifetime ambient UVR is a risk factor for cutaneous melanoma in Iowa. Poster presentation during the American Society of Preventative Oncology (ASPO) annual meeting, Seattle, WA. March 2017.

**Langston ME**, Dennis LK, Roe D, Lynch CF, Brown HE (2016). Spatially derived arsenic exposure in environmental soil and drinking water and risk of cutaneous melanoma in Iowa. NIH Conference on Geospatial Approaches to Cancer Control and Population Sciences, Bethesda, MD. September 2016.

Barnidge E, Baker EA, Gilbert KL, **Langston ME**, Buckner-Petty S (2015). Role of resilience in addressing rural community health: Identifying Individual and Community Sources of Stress and Support. Oral presentation during the 143<sup>rd</sup> American Public Health Association (APHA) Annual Meeting, Chicago, IL. November 2015.

**Langston ME**, Dennis LK, Brown HE. Objective Measurement of Erythematultraviolet B Radiation (UVB) from 1979-2010 and Implications for Exposure Assessment (2014). Annual Meeting of the Society for Epidemiologic Research, Seattle WA. June 2014.

COURSE  
LECTURES

“Bias in Cancer Epidemiology Studies”, EPI-615A Cancer Epidemiology, Mel and Enid Zuckerman College of Public Health, University of Arizona, Tucson AZ. Fall 2021

“Introduction to SEER\*Stat”, EPI-667: Cancer Epidemiology, University of Delaware, virtual. Fall 2020.

“Effect Modification”, M19-500: Intermediate Clinical Epidemiology, Washington University in Saint Louis School of Medicine, Saint Louis, MO. Fall 2016

“Infections and Cancer”, EPI-615A Cancer Epidemiology, Mel and Enid Zuckerman College of Public Health, University of Arizona, Tucson AZ. Fall 2015

“Introduction to SEER\*Stat”, EPI-615A: Cancer Epidemiology, Mel and Enid Zuckerman College of Public Health, University of Arizona, Tucson AZ. Fall 2013-15

“Cohort Studies”, EPI-573A: Basic Principles of Epidemiology, Mel and Enid Zuckerman College of Public Health, University of Arizona, Tucson AZ. Spring 2015

“Confounding and Effect Modification”, EPI-573A: Basic Principles of Epidemiology, Mel and Enid Zuckerman College of Public Health, University of Arizona, Tucson AZ. Spring 2015

“Standardization”, EPI-309: Introduction to Epidemiology, Mel and Enid Zuckerman College of Public Health, University of Arizona, Tucson AZ. Spring 2015

TEACHING  
POSITIONS

Course Title/Number	Semester	Role	# of Students
<b>Lindenwood University</b>			
Foundations of Public Health	Fall 2018	Instructor	18
<b>University of Arizona</b>			
CPH573B: Epidemiologic Methods	Fall 1 2018	Instructor	11
Epidemiology Section	Spring 2016 Fall 2015	Section-wide Roving TA	-
CPH309: Introduction to Epidemiology	Spring 2015 Spring 2013	TA	114 112
EPI573A: Principles of Epidemiology	Spring 2015 Fall 2014 Fall 2012	TA TA/Discussion Leader TA	16 61 60
<b>Washington University in Saint Louis School of Medicine</b>			
M19 600: Applied Epidemiology	Spring 2017	TA	20
<b>University of Missouri-St. Louis</b>			
Career and Personal Development	Fall 2017	Adjunct Instructor	142

	Fall 2016	116
	<b>Palo Verde High School</b>	
	Advancement Via Individual Determination	Spring 2016 College Counselor/Tutor
		Fall 2015
		Spring 2014
AWARDS	Best Poster, NIDDK Collaborating for the Advancement of Interdisciplinary Research in Benign Urology (CAIRIBU) College of Public Health Scholarship, University of Arizona	2019
	More Graduate Education at Mountain State Alliance Fellowship Graduate College Fellowship, University of Arizona	2016
	Sr. Thea Bowman Award of Service, University of Notre Dame	2012-2015
	Alumni Distinguished Scholar Award, University of Notre Dame	2012,2013,2015
		2009-2010
		2006-2010
HONORS	Health Equity and Diversity Scholar, Kaiser's Division of Research	2021-2022
	Attendee, RWJF New Connections Capstone Symposium	2019
	Attendee, Early Career Hill Day, AACR	2017-2018
	Trainee, Navigate your Way to a K Workshop, Geographic Management of Cancer Health Disparities-Region 2	2017
	Trainee, Science Outside the Lab, Arizona State University	2013
UNIVERSITY SERVICE	Public Health Scholar Bowl Moderator	2017-2018
	Grants Judge, Graduate and Professional Student Council	2015
	SEER STAT Tutorial, Cancer Epidemiology Course	2013-2015
	Epidemiology Representative, Student Affairs Committee	2012-2014
	School of Public Health Representative, Graduate Student Association	2011-2012
	Member, Disciplinary Case Review Board	2009-2010
NATIONAL SERVICE	Co-Chair, Early Career Investigator Session, ASPO Annual Meeting	2021-2022
	Planning Committee, Trainees Session, NIDDK CAIRIBU Annual Meeting	2020-2021
	Abstracts & Poster Session Committee, NIDDK CAIRIBU Annual Meeting	2020
PROFESSIONAL MEMBERSHIPS	American Urological Association	2019+
	American Society of Preventive Oncology	2015+
	Society for Epidemiologic Research	2012+
	American Association for Cancer Research	2012+
	American Public Health Association	2010+
REFEREE	International Journal of Cancer	
	Cancer Causes and Control	
	Journal of Urology	
	Carcinogenesis	