

CURRICULUM VITAE

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Current Title: Assistant Professor
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EDUCATION

B.S.	1996	Tulane University, Newcomb College, New Orleans, Louisiana Chemistry
M.P.H.	1997	Tulane University, School of Public Health and Tropical Medicine, New Orleans, Louisiana Health Communication/Education
M.S.P.H.	1998	University of Alabama at Birmingham, Alabama, Birmingham, Alabama Epidemiology
Ph.D.	2007	University of Alabama at Birmingham, Alabama, Birmingham, Alabama Epidemiology <i>Dissertation: Generalizability and Predictability of the Metabolic Syndrome Factors of Non-Insulin Dependent Diabetes Mellitus (NIDDM)</i>
Fellowship	2009	American Heart Association, Tahoe City, California Epidemiology and Prevention of Cardiovascular Disease Tahoe Fellow
Fellowship	2016 - 2017	National Institute of Health National Heart Lung Blood Institute Washington University in St. Louis, School of Medicine Cardiovascular Genetics and Epidemiology Fellow (Dr. D.C. Rao)

CERTIFICATION

Certified Health Education Specialist (C.H.E.S. #7206)

DEVELOPMENT ACTIVITIES

Training Workshops and/or Education Conferences

Utilizing Medicare/Medicade Data for Research. Centers for Medicare & Medicaid Services (CMS). National Training Program. Minneapolis, Minnesota, 2015.

Evidence-Based Public Health: A Course in Chronic Disease Prevention. Louisiana Department of Health, Public Health, Prevention Research Center. National Association of Chronic Diseases Directors. Baton Rouge, Louisiana. July, 2017.

Population Genetics. Cardiovascular Genetics and Epidemiology Summer Fellow, National Institute of Health National Heart Lung Blood Institute, Washington University in St. Louis, School of Medicine (2016 - 2017)

Continuing Education

- RedCross First Aid/CPR, Certification (2019)
- Biological Safety and Bloodborne Pathogens, LSU Health Sciences Center (2017)
- HIPAA Privacy, DHH Safety and Health/Loss Prevention and LSU Health Sciences Center (2019)

ACADEMIC, PROFESSIONAL, AND RESEARCH APPOINTMENTS

- 2000 - 2003 *Research Assistant*
University of Alabama at Birmingham, Birmingham, Alabama
School of Medicine, Department of Preventive Medicine, Coronary Artery Risk Development in Young Adults Coordinating Center (Dr. Catarina Kiefe and Dr. O'Dale Williams)
- Quality Control Consultant and Quality Control Coordinator, Data Collector
Trainer for Physical Exams and cohort study visits, data analytics, site monitor
- 2003 – 2005 *Instructor*
University of Alabama at Birmingham, Birmingham, Alabama
School of Public Health, Epidemiology
- 2003 – 2005 *Statistical Center Data Manager/Epidemiologist*
University of Alabama at Birmingham, Birmingham, Alabama
School of Public Health, Department of Biostatistics (Dr. George Howard)
-Designed and developed multi-site data entry systems for clinical trial studies.
Monitored data quality and coordinated data safety monitoring board reporting.

2007 – 2008	<i>Adjunct Faculty</i> Pensacola junior College, Pensacola, Florida Department of Mathematics
2008 – 2010	<i>Adjunct Faculty</i> University of West Florida, Pensacola, Florida School of Allied Health, Department of Biology/Master of Public Health Program
2008 – 2011	<i>Tenure Track Assistant Professor</i> Saint Louis University, St. Louis, Missouri School of Public Health, Department of Community Health/Epidemiology
2011 – 2015	<i>Adjunct Assistant Professor</i> Saint Louis University, St. Louis, Missouri School of Public Health, Department of Community Health/Epidemiology
2011 – Present	<i>Assistant Professor</i> Louisiana State University Health Science Center, New Orleans, Louisiana School of Public Health Epidemiology Program
	<i>Secondary Appointments, Louisiana State University Health Science Center</i>
2015 – Present	Alcohol and Drug Abuse Center of Excellence
2019 – Present	School of Medicine, Department of Physiology

Membership in Professional Organizations

American Public Health Association	2000 – Present
Epidemiology Section	2008 – Present
American Heart Association	2008 – Present
Council on Epidemiology and Prevention	2008 – Present
Stroke Council	2008 – Present
Society for Epidemiologic Research	2009 – Present
American College of Epidemiology	2011 – Present
Association of Women in Science	2014 – Present
Research Society on Alcoholism	2017 – Present

Awards and Honors

Louisiana State University Health Sciences Center	3 rd Place Student Research Award	1997
American Heart Association	Student Scholar Award	1998
Congressional Black Caucus	Public Health Fellow	1998 – 1999
University of Alabama at Birmingham	Delta Omega, Abstract Competition Winner	1999
University of Alabama at Birmingham	Comprehensive Minority Faculty and Student Development Program Fellow	1998 – 2002

National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), Network of Minority Health Research Investigators (NMRI) South Regional Workshop	Junior Investigator Travel Award	2018
National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), Network of Minority Health Research Investigators (NMRI) National Meeting	Junior Investigator Travel Award	2019

TEACHING EXPERIENCE AND RESPONSIBILITIES

Curriculum Development/Implementation

Graduate Course Developer and Director

<i>Principles of Epidemiology</i> (Saint Louis University, Public Health)		2011-2012
<ul style="list-style-type: none"> 3 credit graduate asynchronous on-line curriculum; Created syllabus, lecture slides, lecture notes, audio visual recordings, and on-line chat room discussion boards and assignments; Managed and facilitated on-line learning environment for first on-line course for epidemiology program. 		
<i>Advanced Epidemiology Methods II</i> (LSUHSC-Public Health)		2014 - Present
<ul style="list-style-type: none"> 3 credit graduate lecture and laboratory; Spring; Created syllabus, lecture slides, lecture notes, in-class lab assignments, homework, and group projects. 		
<i>Cardiovascular Disease Epidemiology</i> (LSUHSC-Public Health)		2017 - Present
<ul style="list-style-type: none"> 3 credit graduate lecture; Spring; Created syllabus, lecture slides, lecture notes, in-class exercises, homework's, and group projects. 		
<i>Clinical Epidemiology Laboratory</i> (LSUHSC – School of Medicine)		2017 - 2019
<ul style="list-style-type: none"> 1 credit undergraduate laboratory; Summer; Created syllabus, slides, and in-class lab assignments and software demonstrations. 		
<i>Tiger Scholars Introduction to Epidemiology</i> (LSUHSC – School of Medicine)		2019
<ul style="list-style-type: none"> 1 credit undergraduate; Summer; Created syllabus, slides, and in-class assignments. 		

Graduate Course Director

<i>Introduction to SAS Statistical Software</i> (UAB- Public Health)		2003 - 2005
<ul style="list-style-type: none"> 3 credit graduate lecture and laboratory; Summer; Updated lecture notes and quizzes, facilitated lectures and laboratory assignments. 		
<i>Introduction to Data Collection and Data Management</i> (UAB- Public Health)		2004 - 2005
<ul style="list-style-type: none"> 3 credit graduate lecture and laboratory; Spring; Updated lecture notes, facilitated lectures, laboratory assignments and group projects. 		
<i>Introductory Statistics</i> (Pensacola Junior College)		2007 - 2008
<ul style="list-style-type: none"> 4 credit graduate lecture; Spring; Facilitated lectures, created lecture notes, assignments, and exams. 		

<i>Introduction to Public Health</i> (UWF – Biology/MPH)	2008 - 2010
<ul style="list-style-type: none"> • 3 credit undergraduate and graduate on-line asynchronous class; created lectures, lecture notes, assignments, and exams. 	
<i>Principles of Epidemiology</i> (SLU-Public Health)	2008 - 2011
<ul style="list-style-type: none"> • 3 credit graduate lecture; Fall; Updated lecture notes and quizzes, facilitated lectures and laboratory assignments. 	
<i>Chronic Disease Epidemiology</i> (SLU-Public Health)/ (LSUHSC-Public Health)	2008 - 2011/ 2011 - Present
<ul style="list-style-type: none"> • 3 credit graduate lecture; Spring; Created lecture notes. 	
<i>Advanced Epidemiology Methods</i> (SLU-Public Health)	2009 - 2011
<ul style="list-style-type: none"> • 3 credit graduate lecture; Spring; Created lecture notes. 	
<i>Epidemiology Capstone</i> (SLU-Public Health)	2010 - 2011
<ul style="list-style-type: none"> • 3 credit graduate lecture; Spring; Updated lectures and/ lecture notes, and identified and coordinated group projects. 	
<i>Advanced Epidemiology Methods I</i> (LSUHSC-Public Health)	2012 - Present
<ul style="list-style-type: none"> • 3 credit graduate lecture and laboratory; Spring; Created syllabus, lecture slides, lecture notes, in-class lab assignments, homework, and group projects. 	
<i>Epidemiology Seminar</i> (LSUHSC-Public Health)	2015, 2016
<ul style="list-style-type: none"> • 1 credit graduate seminar; Spring; Coordinated speakers across a semester theme and provided additional lectures. 	

Undergraduate Course Director

<i>Biostatistics Prep Course</i> (UWF-Biology MPH)	2008 - 2009
<ul style="list-style-type: none"> • No credit, supplemental, asynchronous on-line curriculum; Created lecture slides, lecture notes, audio visual recordings, and on-line chat room discussion boards. 	
<i>Introductory Statistics</i> (Pensacola Junior College)	2007 - 2008
<ul style="list-style-type: none"> • 3 credit graduate lecture and laboratory; Fall and Spring; Created lecture notes homework assignments, and exams. 	

Interprofessional Education Facilitator

<i>Team Up Interprofessional Education Experience: Developmental Delays</i> (LSUHSC)	2016 - Present
<ul style="list-style-type: none"> • LSUHSC Team Up Inter-professional Educational (IPE) Program; 3-credit graduate public health curriculum (20 hrs./yr.); 10-35 students/yr.; Assisted in creating an Alcohol case study for IPE health graduate experience. 	

Undergraduate Teaching Assistant

<i>Principles of Epidemiology</i> (University of Alabama at Birmingham)	1999 - 2000
<ul style="list-style-type: none"> • 4 credit graduate course; Graded homework, exams, tutored students, taught a guest lecture, and facilitated the laboratory sessions. 	

- Chronic Disease Epidemiology* (University of Alabama at Birmingham) 2000
- 4 credit undergraduate course; Graded homework and exams and provide two guest lectures.
- Introduction to SAS and Statistical Software* (University of Alabama at Birmingham) 2000 - 2001
- 3 credit undergraduate lecture and lab; Graded exams and tutored students.

Departmental / Interdisciplinary Teaching Conferences

Department Guest Lectures

- Social Epidemiology Course (EPID – 6352) - Guest Lecture Spring 2014, 2016, 2018
Introduction to Community Based Participatory Research.
 Louisiana State University Health Sciences Center, School of Public Health
- Introduction to Global Public Health (PUBP -6300) - Guest Lecture Fall 2016
Chronic Disease Around the World: CVD, Diabetes.
 Louisiana State University Health Sciences Center, School of Public Health.

Department Seminars

- Epidemiology Seminar (EPID – 6213) - Guest Lecture Spring 2012
 Assessing Regional and Racial Differences in the Association of Stroke Incidence with Smoking Intensity and Smoking Tax. Louisiana State University Health Sciences Center, School of Public Health.
- Epidemiology Seminar (EPID – 6213) - Guest Lecture Fall 2016
Assessments of Alcohol Consumption in the Aging in Louisiana: Immunosenescence, HIV, & SocioEnvironmental factors (ALIVE) Study. Louisiana State University Health Sciences Center, School of Public Health.

Students Trained

Major Professor

Dissertation Committee Chair, and Dissertation Committee Member
 PhD Major Professor, Lu Zhang 2017 (Dissertation Award Winner)
 Title: “Chemotherapy Utilization and Breast Cancer, Survival, by Race and Tumor Subtype”

Research Advisor -Dissertation Committees

PhD Committee Member, Symbielle Gaston, MPH (LSUHSC, 2016)
 Title: “Socioeconomic Status, Psychosocial Stress and Depressive Symptoms in Women”
 Current Position: National Institute of Environmental Health Sciences(NIEHS)

PhD Committee Member, Danielle Legeai, MPH (LSUHSC, 2019)

Title: "The Effects of Neighborhood Environment on Asthma, Perceived Stress, and Telomere Length in Youth"

Current Position: Washington State Department of Health

PhD Committee Member, Dayana Rojas, MPH (LSUHSC, 2019)

Title: "Healthcare-Associated Infections in People Living with Human Immunodeficiency Virus (HIV)"

Current Position: University of Miami School of Medicine

PhD Committee Member, Vincient Maffei (LSUHSC, 2019)

Title: "Alcohol-associated Intestinal Dysbiosis and CD8+ T-cell Activation and Immunosenescence during HIV Infection"

Current Position: LSU Medical School Student

Graduate Research Project Advisor

Rubalcava, Daniel (SLU, MSPH 2009) Title: "Hospital Admission for Acute Asthma Exacerbation in Obese Versus Non-Obese Children".

Greevy, Jon (SLU, MSPH 2010) Title: "Rapid Opt-Out HIV Screening in a Pediatric Emergency Department: An Implementation and Improvement Trial".

Lehmann, Gloria (SLU, MPH 2010) Title: "Enuresis Associated With Sleep Disordered Breathing in Children With Sickle Cell Anemia".

Olorunda, Olufemi and Lui, Weijian (SLU, MPH 2011) Title: "Effect of the Perception of the Built Environment on the use of Mass Transit and Physical Activity in older adults".

Dupuis, Megan (LSUHSC, MPH 2014) Title: "New Orleans Vaccine and Spay/Neuter Compliance Survey".

Rayeed, Nabil (LSUHSC, MPH 2014) Title: "Survey of Patient's Perspective on the Decision Making Process for Implantable Cardioverter Defibrillators (ICD)".

Seals, Katherine Jane (LSUHSC, MPH 2015) Title: "Oral Public Health in Louisiana".

Harbin, Brittney (LSU, MPH 2018) Title: "Efficacy of a Holistic Behavioral Intervention in Reducing Risky Coping Mechanisms Among Persons Living with HIV".

Beckett, Sadie (LSU, MPH 2018) Title: "Assessing the Effectiveness of a Behavioral Intervention to Increase Knowledge of Alcohol and Decrease Alcohol Consumption among People Living With HIV".

Sawadogo, Wendemi (LSU, MPH 2019) Title: "Differences in Hypertension Prevalence and Control by Alcohol Use Severity Among People Living with HIV".

Beauchamp, Alicia (LSU, MPH 2019) Title: "Examining the Association between Violent School Environment and Sexual Risk Behavior Among Youth".

Practicum Advisor

Cutting-Egger, Allison (Tulane University School of Public Health and Tropical Medicine, MPH 2013).
Louisiana Department of Health and Hospitals, Chronic Disease Unit
Title: "Chronic Disease Epidemiology in Louisiana's Office of Public Health: A Practicum Experience".

Mentor

Postdoc Mentor (LSUHSC 2016-2017)

Danos, Denise MPH, PhD

LSUHSC Summer Youth Research Internship Program Mentor

Kharalampiev, Alexandra, Tulane University, Project: A Comparison Between Phosphatidylethanol and Self-Reported Alcohol Use in the WELL Program. (Summer 2017).

Post baccalaureate Research Education Program (PREP) Mentor

Datri, Paula – Summer 2018 Rotation

RESEARCH AND SCHOLARSHIP

Grants and Contracts

Current:

National Institute on Alcohol Abuse and Alcoholism (NIAAA) 2 P60 AA09803-22

Molina (PI) 12/15/2014– 12/14/2019

Comprehensive Alcohol Research Center (CARC)

CARC has a research focus on the interaction of alcohol use disorders (AUD), Human Immunodeficiency Virus (HIV), and Antiretroviral Therapy (ART) in non-human primates and human subjects. The current project cycle includes clinical studies that will facilitate bi-directional translational investigation of AUD, HIV/AIDS, and ART comorbid conditions and their exacerbation in an underserved cohort of persons living with HIV/AIDS.

Role: Investigator/ Associate Director -Analytic Core (10%)

National Institute on Alcohol Abuse and Alcoholism (NIAAA) 5UH2AA026198-02

Molina (PI) 09/01/2017– 08/31/2021

Alcohol & Metabolic Comorbidities in PLWHA: Evidence Driven Interventions ALIVE-Ex Study

The ALIVE-Ex study focuses on testing the prediction that people living with HIV/AIDS and alcohol use disorder have decreased skeletal muscle functional metabolic mass that may be associated with clinical signs of metabolic dysregulation. The study will complete an exercise intervention to improve metabolic dysregulation among PLWH.

Role: Investigator (8%)

Pending:

National Cancer Institute

Exploring Disparities in Liver Cancer: Genomics of Neighborhood

Role: Investigator (%10) \$3,198,521

National Institute on Alcohol Abuse and Alcoholism (NIAAA) 2 P60 AA09803-22
Comprehensive Alcohol Research Center (CARC)
Research Component (RC) 1: Community and Interpersonal Stress, Alcohol, and Chronic Comorbidities among PLWH
Role: RC1 Co-PI (25%) \$8,454,252

Past:

National Institute on Alcohol Abuse and Alcoholism (NIAAA) 5 U01 AA021995-03
Molina (PI) 09/15/2012– 08/31/2019
HIV / AIDS & Alcohol-Related Outcomes; Translational Evidence-Based Interventions
U01 is a wellness project focusing on alcohol intervention among persons living with Human Immunodeficiency Virus (HIV) and alcohol use disorders (AUD).
Role: Investigator (10%)

National Institute Health –National Cancer Institute P30 CA076292-17S4
Ferguson (Pilot PI) 02/01/2017– 01/31/2019
Meade, Cathy (PI)
Geographic Management of Cancer Health Disparities (GMaP) Program
Pilot -Long-term burden of childhood risk factors and adult cancer
The overall objective of this study is to examine the effect of specific early life, childhood and adolescent risk factors on the type and frequency of cancer development by analyzing cancer registry data linked with The Bogalusa Heart Study.
Role: Pilot Principal Investigator (10%) \$10,000

National Institute of Minority Health and Health Disparities P20MD004817
Ferguson (Pilot PI) 03/01/2016 – 12/28/2018
Scribner, Richard (PI)
Identifying Social Determinants of Disparities in Inflammatory Cancer
The overall goal of the project is to address the social determinants of health disparities as they relate to the modifiable, social and nutritive stressors in the community environment of the Ninth Ward of New Orleans in particular, and the Mid-South region in general.
Role: Investigator/PI Pilot Project (5%)

National Institute Health - National Institute of General Medical Sciences 1 U54 GM104940
Ferguson (Pilot PI) 01/01/2017 – 12/31/2017
Cefalu, William (PI)
Louisiana Clinical and Translational Sciences Center
A Pilot Study to Improve Patient Outcomes Among Breast Cancer Patients by Increasing Early Detection and Intervention of Cardiotoxicity
The overall objective of this study was to evaluate prospectively the pre-clinical risk and identification of early cardiac damage among breast cancer patients across chemotherapy regimens.
Role: PI -Pilot Project

LSU's Improving Clinical Outcomes Network (LSU ICON)
Fontham/Culbertson (PI) 11/1/11 - 06/30/2015

The goal of this project was to create a collaborative effort of the Louisiana State University academic health science and health care delivery institution to improve the care of patients in Louisiana by utilizing biostatistics and epidemiological methods to investigate large databases from hospitals and clinics across the state.

Role: Medical Epidemiologist Investigator

Centers for Disease Control and Prevention U58-DP000769

Chen (PI) 06/30/12 - 06/29/2014

National Program of Cancer Registries

The major goals of this project were (i) to enhance the Louisiana Tumor Registry to maintain the standards of completeness, timeliness and high quality of its cancer incidence data; and (ii) to use registry data for evaluating CDC-funded early detection programs, guiding statewide cancer control plans and policies as well as for patient outcomes and etiologic studies.

Role: Investigator/ Chronic Disease Epidemiologist

Louisiana Department of Health and Hospitals

Ferguson (PI) 10/15/11 - 08/15/2013

Chronic Disease Prevention and Control Epidemiologist Unit

The goal of this project was to perform all surveillance activities, including data collection, development and implementation of surveillance plans and to provide and disseminate health-related chronic disease data for the State for the Community Transformation Grant Program, Coordinated Chronic Disease Prevention and Health Promotion Program, and the Louisiana Tobacco Control Program.

Role: Principal Investigator

Saint Louis County Health Department

Ferguson (PI) 05/15/10-05/30/2012

CDC Communities Putting Prevention to Work (CPPW) Evaluation team

The goal of this project was to complete portions of the evaluation of the St. Louis County CPPW grant focusing on surveillance and the qualitative evaluation of the social network in the area of tobacco prevention in St. Louis County.

Role: Principal Investigator

Ryan White Part A Funding St. Louis Health Department

Ferguson (PI) 03/01/09 - 03/30/2010

St. Louis Transitional Grant Area HIV Health Services Planning Council Support Office

The goal of this project was to provide the logistical, administrative, and epidemiologic support for the Metro St. Louis Transitional Grant Area HIV Health Services Planning Council.

Role: Principal Investigator

National Heart Lung and Blood Institute & Amgen, Barr Pharmaceuticals

Moreland (PI) 05/01/04 - 10/30/05

Treatment of Early Aggressive Rheumatoid Arthritis (TEAR)

The goal of this project was to conduct a randomized clinical trial to determine if it is better to treat all early RA patients with combination methotrexate therapy and which combination is better.

Role: Program Manager/Data Manager

National Institute of Neurological Disorders and Stroke 2 U01 NS38529-04A1

Benavente (PI) 12/01/03 – 10/30/05

Secondary Prevention of Small Subcortical Strokes (SPS3)

The goal of this project was to collect data necessary to complete the design of a two by two block randomized trial investigating the safety and efficacy of antiplatelet and antihypertensive agents in the prevention of secondary stroke, major vascular events, and cognitive decline among patients with small subcortical stroke.

Role: Program Manager/Data Manager

National Heart Lung and Blood Institute

Williams (PI) 03/01/2000 – 03/31/2003

Coronary Artery Risk Development in Young Adults (CARDIA)

CARDIA is longitudinal epidemiologic study examining how heart disease develops in young adults, beginning in 1986 with a group of 5115 black and white men and women aged 18-30 years.

Role: Quality Control Coordinator/Research Associate

Non-Funded (last 3 years)

National Institute of Minority Health and Health Disparities, Co-I, \$2,811,364
Adolescent Obesity in Cohorts Spanning the Nutritional Transition in Grenada (2019)

National Institute on Aging, Co-PI, \$2,382,984
Self-Management for Healthy Aging in People Living with HIV (PLWH); Evidence-Based Interventions (2018)

National Institute of Minority Health and Health Disparities, Research Component Co-PI, \$9,208,140
Louisiana Minority Health and Precision Prevention (LAMP) Center of Excellence (2017)

National Institute of Diabetes and Digestive and Kidney Diseases, Investigator, \$2,298,936
Diabetes Disparities: Social Mediation by Metabolic Dysfunction (2017)

Comprehensive Alcohol HIV Research Center - National Institute on Alcohol Abuse and Alcoholism, PI, \$50,000
Pilot Study: Hazardous Alcohol Use Mediates Increase Risk of CVD Among People Living with HIV/AIDS (PLWHA). (2017)

National Heart Lung and Blood Institute, Investigator, \$281,568
HIV-associated Dysbiosis and Lung Disease (2016)

Patient Centered Outcome Research Institute, PI, \$2,258,614
Improving Patient Outcomes and Decreasing Chemotherapy Toxicities in Breast Cancer Patients (2016)

Journal Publications

Refereed:

1. Greenberg SS, Lancaster JR, Xie J, Sarphe TG, Zhao X, Hua L, **Freeman T**, Kapusta DR, Giles TD, Powers DR. Effects of NO synthase inhibitors, arginine deficient diet, and amiloride in pregnant rats. *American Journal of Physiology*, 1997; 273(3 pt 2): R1031-R1045.

2. **Ferguson TF**, Stewart K, Funkhouser E, Tolson J, Pham S, Westfall AO, Saag MS. Patient perceived barriers to antiretroviral adherence: Associations with race and gender. *AIDS Care*, 2002; 14: 607 - 617.
3. Yan LL, Liu K, Matthews KA, Daviglius ML, **Ferguson TF**, Kiefe CI. Psychosocial factors and risk of hypertension: The CARDIA study. *JAMA*, 2003; 290:2138-2148.
4. **Ferguson TF**, Roseman J, Funkhouser E. Factor analysis of the metabolic syndrome in the Coronary Artery Risk Development in Young Adults (CARDIA) Study: Examination of factors by race-sex groups and across time. *Annals of Epidemiology*, 2010; 20: 194 – 200. PMC2823988
5. Dong GH, Qian Z, Liu, MM, Wang D, Ren WH, Fu Q, Wang J, Simckes M, **Ferguson TF**, Trevathan E. Obesity Enhanced Respiratory Health Effects of Ambient Air Pollution in Chinese Children: the Seven Northeastern Cities (SNEC) Study. *International Journal of Obesity*. 2012; 1-7. 2012IJO00534R
6. Lehmann, GC, Bell, TR, Kirkham, FJ, Gavlak, JC, **Ferguson, TF**, Strunk, RC, Austin, P, Rosen, CL, Marshall, MJ, Wilkey, O, Rodeghier, MJ, Warner, JO, Debaun, MR. Enuresis associated with sleep disordered breathing in children with sickle cell anemia. *Journal of Urology*. 2012; 188 (4 SUPPL.), 1572-1576. PMID: PMC3722896
7. Dong GH, Qian Z, Fu Q, Wang J, Trevathan E, Ma W, Liu MM, Wang D, Ren WH, Ong KH, **Ferguson TF**, Riley E, Simckes M. A Multiple Indicators Multiple Cause (MIMIC) Model of Respiratory Health and Household Factors in Chinese Children: the Seven Northeastern Cities (SNEC) Study. *Matern Child Health J*. 2014 Jan; 18(1):129-37. PMID: 23440490
8. Zhang L, **Ferguson TF**, Simonsen N, Chen L, Tseng, TS. Racial/Ethnic Disparities in Health-Related Quality of Life among Participants with Self-Reported Diabetes from NHANES 2001-2010. *The Diabetes Educator*. April 2014 PMID: 24737884
9. Gaston S, Nugent N, Peters ES, **Ferguson TF**, Trapido EJ, Robinson WT, Rung AL. Exploring Heterogeneity and Correlates of Depressive Symptoms in the Women and Their Children's Health (WaTCH) Study. *Journal of Affective Disorders*. 2016; 205:190-199. doi: 10.1016/j.jad.2016.03.067.
10. Gaston SA, Volaufova J, Peters ES, **Ferguson TF**, Robinson WT, Nugent N, Trapido EJ, Rung AL. Individual-level Exposure to Disaster, Neighborhood Environmental Characteristics, and their Independent and Combined Associations with Depressive Symptoms in Women. *Environmental Health Perspectives*. *Journal of Social Psychiatry and Psychiatric Epidemiology*. 2017; 52(9):1183-1194.

11. Simon L, Siggins R, Winsauer P, Brashear M, **Ferguson T**, Mercante D, Song K, Vande Stouwe C, Nelson S, Bagby G, Amedee A, Molina P. Simian immunodeficiency virus infection increases blood ethanol concentration duration after both acute and chronic administration. *AIDS Research and Human Retroviruses*. 2018. 34(2): 178-184. PMID: 29037050.
12. Zhang L, Yu Q, Wu XC, Hsieh M, Loch M, Chen VW, Fontham E, **Ferguson TF**. Impact of Chemotherapy Relative Dose Intensity on Cause-Specific and Overall Survival for Stage I-III Luminal A vs Triple-Negative Breast Cancer. *Breast Cancer Res Treat*. 2018. PMID: 29368311
13. Molina PE, Simon L, Amedee A, Welsh DA, **Ferguson T**. Impact of Alcohol on HIV Disease Pathogenesis, Comorbidities and Aging: Integrating Preclinical and Clinical Findings. *Alcohol and Alcoholism*. 2018;53(4):439-447. PMID: 29546271.
14. Danos DM, **Ferguson TF**, Simonsen NR, Leonardi C, Yu Q, Wu XC, Scribner RA. Neighborhood disadvantage and racial disparities in colorectal cancer incidence: A population-based study in Louisiana. *Annals of Epidemiology*. 2018;28(5):316-321.e2. PMID: 29678311.
15. Celestin M. **Ferguson TF**, Ledford E, Caron T, Tseng TS, Moody-Thomas S. Association of Adherence to the 5 A's Clinical Protocol with Quit Attempts across National, State, and Public Hospital System Surveys. *Preventing Chronic Disease* 2018;15:170575. PMID: 30124428.
16. Scribner R, Radix R, Gilliland A, Leonardi CL, **Ferguson T**, Noel T, Andall R, Andall N, Radix C, Frank R, Benjamin J, James J, Benjamin R, Waechter R, Sothern M. Absence of Adolescent Obesity in Grenada: A Generational Effect? *Frontiers in Public Health* 2018; 204(6). PMID: 30123791.
17. Danos DM, Leonardi C, Gilliland A, Shankar S, Srivastava RK, Simonsen N, **Ferguson TF**, Yu Q, Wu X, Scribner RA. Increased Risk of Hepatocellular Carcinoma Associated with Neighborhood Concentrated Disadvantage. *Frontiers In Oncology*. *Front Oncol* 2018. 11;8:375. PMID: 30254987.
18. Gaston SA, Tulve NS, **Ferguson TF**. Measures of abdominal obesity, metabolic dysfunction, and metabolic syndrome in United States adolescents: Exploratory analysis using the National Health and Nutrition Examination Survey (NHANES) 2011-2014 data. *Annals of Epidemiology* 2019; PMID 30545765.
19. Zhang L, King J, Wu XC, Hsieh M, Chen VW, Yu Q, Fontham E, Loch M, Pollack, LA, **Ferguson TF**. Racial/Ethnic Differences in the Utilization of Chemotherapy among Stage I-III Breast Cancer Patients, Stratified by Subtype: Findings from Ten National Program of Cancer Registries States. *Cancer Epidemiology* 2019. 58:1-7. PMID: 30415099.
20. Welsh D, **Ferguson TF**, Theall K, Simon L, Amedee A, Siggins R, Nelson S, Brashear M, Mercante D, Molina P. The New Orleans Alcohol Use in HIV Study: Launching a Translational Investigation of the Interaction of Alcohol Use with Biological and Socioenvironmental Risk Factors for

Multimorbidity in People Living with HIV. *Alcohol Clin Exp Res* 2019; 43(4):704-709. PMID: 30748025.

21. Hossain F, Danos D, Prakesh O, **Ferguson TF**, Gillibrand A, Simonsen N, Leonardi C, Yu Q, Wu XC, Miele L, Scribner R. Social Determinants of Triple Negative Breast Cancer Disparities in Louisiana: A Multilevel Analysis. *Front Public Health* 2019. 18;7:18. PMID: 30834239.
22. Maxi J, Mercante D, Foret B, Oberhelman S, **Ferguson TF**, Bagby GJ, Nelson Steve, Amedee A, Edwards S, Simon L, Molina PE. Chronic Binge Alcohol-Associated Differential Brain Region Modulation of Growth Factor Signaling Pathways and Neuroinflammation in Simian Immunodeficiency Virus-Infected Male Macaques. *Alcohol and Alcoholism* 2019. 54(5):477-486. PMID: 31322648.
23. Rojas D, Wendell D, **Ferguson TF**, Robinson WT, Trepka MJ, Strafi-Bourgeois SC. 2019. HIV-associated comorbidities as mediators of the association between people living with HIV and hospital-acquired infections. *Am J Infect Control* 2019. Jul 19 Epub. PMID: 31324490.
24. Theall KP, Wallace ME, Felker-Kantor E, Madkour AS, Brasher M, **Ferguson TF**, Welsh D, Molina P. Neighborhood Alcohol Environment: Differential Effects on Hazardous Drinking and Mental Health by Sex in Persons Living with HIV (PLWH). *AIDS and Behavior* 2019. Aug 10 Epub. PMID: 31401740.
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26. Wallace, ME, Felker-Kantor E, Madkour A, **Ferguson T**, Welsh D; Molina PE, Theall KP. Adverse Childhood Experiences, Smoking and Alcohol Use, and Allostatic Load among People Living with HIV. *AIDS and Behavior*. In Press.
27. Watt J, Schuon J, Davis J, **Ferguson TF**, Welsh DA, Molina PE, Ronis MJJ. Reduced serum osteocalcin in people living with HIV (PLWH) high-risk alcohol users does not correlate with systemic oxidative stress or inflammation: data from the New Orleans Alcohol Use in HIV (NOAH) study. *Alcohol and Alcoholism*. In Press.
28. **Ferguson TF**, Rosen EM, Carr R, Brashear MM, Theall K, Simon L, Welsh DA, Molina PE. Current and Lifetime Alcohol Drinking Patterns on Noninvasive Markers of Liver Disease In People Living with HIV: The Role of Hepatitis C. *Alcohol and Alcoholism*, In Press.

Under Review

1. **Ferguson TF**, Hayes C, Gillory D, Gilchrist C, Couk J, Moody-Thomas S. Impact And Benefit Of Participation In A Patient-Centered Medical Home (PCMH) Collaborative On Medical Home Designation. *Journal of Public Health Management and Practice*.
2. **Ferguson TF**, Beauchamp A, Rosen E, Ray AN, Theall KP, Gilpin NW, Molina PE, Edwards S. Adaptation of an Alcohol, Tobacco, and Illicit Drug Use Intervention for Vulnerable Urban Young Adults. *Public Health*.
3. Maffei VJ, **Ferguson TF**, Siggins RW, Brashear MB, Theall KP, Taylor CM, Molina PE, Welsh DA. Lifetime Alcohol Use Among Persons Living with HIV is Associated with Frailty. *Alcohol and Alcoholism*
4. Legeai D, Peters ES, Nugent NR, **Ferguson TF**, Rung A. Influence of neighborhood environment on internalizing problems in adolescents. *Social Psychiatry and Psychiatric Epidemiology*
5. Legeai D, Peters ES, Nugent NR, **Ferguson TF**, Rung A. Mediation of the Relationship between Neighborhood Disorder and Internalizing Problems in Adolescents by Maternal Depression. *American Journal of Epidemiology*.
6. **Ferguson TF**, Welsh D, Theall KP, Brashear MM, Siggins R, Simon L, Amedee A, Molina PE. Comprehensive Assessment of Alcohol Consumption in Persons Living with HIV/AIDS: The New Orleans Alcohol and HIV Study.

In-Preparation

1. **Ferguson TF**, Straif-Bourgeois S, Wang X, Rojas D, Dyer L, Maloney P, Silva F, Brashear M, Walker C, Couk J, Besch CL. Increasing Chronic Disease Prevalence Among People Living with HIV in Louisiana 2002-2011.
2. **Ferguson TF**, Danos DM, Leonardi C, Yu W, Wu X, Scribner RA. Association of Concentrated Disadvantage with Cancer Incidence in Louisiana. *Frontiers In Oncology*.
3. **Ferguson TF**, Udaya-Kumar S, Kennedy B. Breast Cancer Patients Perceptions of Chemotherapy and Cardiotoxicity.
4. **Ferguson TF**, Brashear MM, Beckett S, Harbin B, Ernst F, Molina PE. Reduced Alcohol Use and Improved Wellness in Persons with HIV: the WELL Program.
5. **Ferguson TF**, Zhang L, Brashear M, Arcement A, Smart F. Variations in Implantable Cardioverter Defibrillator Utilization in the Louisiana Health System.
6. **Ferguson TF**, Danos D, Rosales C, Bashop R, Wu X, Scribner R, Bazzano L. Long-term burden of childhood risk factors and adult cancer in the Bogalusa Heart Study.
7. **Ferguson TF**, Miele L, Kraja A, Davila-Roman V. A Review of Genes Associated with Cardiotoxicity in Breast Cancer Anthracycline Therapy.

Book Chapters

1. **Ferguson TF**, Jones-Jack N. (2014) Chapter 19: Urban Poverty and Cardiovascular Disease Health. Yeakey, Thompson, and Wells (Editors). Urban Ills: Twenty-First-Century Complexities, of Urban Living in Global Contexts, Volume 2. (pp. 53-75). Lanham, MR: Lexington Books.

Technical Publications and Reports

1. **Ferguson TF**, Wiese A, Metitiri O. Needs Assessment for the Prevention and Treatment of HIV/AIDS among African American in St. Louis: A report to the St. Louis Metropolitan Ryan White Planning Council. December 2010.
2. **Freeman T.** Racial and gender differences in the adherence to highly active anti-retroviral therapy (HAART). *Congressional Black Caucus Foundation Annual Fellows Report*, 1999; 2: 11 - 21.
3. **Ferguson TF**, Wiese A, M Bocox. Evaluation summary report for Sister-hood One in the Spirit of HIV/AIDS among African American in St. Louis: A report to the St. Louis Metropolitan Ryan White Planning Council. December 2010.
4. **Ferguson TF**, Elliot M, Scharff D, M Bocox, Roark K. 2010 Saint Louis County Communities Putting Prevention to Work YRBS Brief Report. September 2011.
5. Scharff D, **Ferguson TF**, M Bocox. 2011 Saint Louis County Communities Putting Prevention to Work Qualitative Interview Executive Report and Summary. December 2011.
6. Scharff D, **Ferguson TF**, M Bocox. 2012 Saint Louis County Communities Putting Prevention to Work Qualitative Interview Executive Report and Summary. April 2012.
7. Lyons B, Jones-Jack N, Rickett I, **Ferguson TF**. 2012 Louisiana Community Health Status Assessment. Louisiana Department of Health and Hospitals Community Transformation Grant. May 2013.
8. Lyons B, Jones-Jack N, Rickett I, **Ferguson TF**. 2012 Louisiana Community Themes and Strengths and Forces of Change Assessment. Louisiana Department of Health and Hospitals Community Transformation Grant. June 2013.
9. Lyons B, Jones-Jack N, **Ferguson TF**. 2012 Louisiana Community Themes and Strengths and Forces of Change Assessment. Louisiana Department of Health and Hospitals Community Transformation Grant. Health Region Pull-Outs. July 2013.
10. Rickett TM, Bourgeois B, **Ferguson TF**. Youth Tobacco Survey 2011 Report. Louisiana Department of Health and Hospitals, Office of Public Health, Tobacco Control Program. Summer 2013.

11. Ricket TM, **Ferguson TF**, Egger AC, Bourgeois B. Opportunity for Hospitals in Louisiana to Increase Tobacco Cessation. Louisiana Department of Health and Hospitals, Office of Public Health, Tobacco Control Program. September 2013.
12. **TF Ferguson**, IM Ricket, A Egger, B Bourgeois, N Jones-Jack. Opportunity for Hospitals in Louisiana to Increase Tobacco Cessation. August 2014.
13. Ricket TM, **Ferguson TF**, Nauman B, Carton T. Research Action for Health Network. 2016. *REACHnet Breast Cancer Query: Unique incident cases of stage I-III breast cancer from April 05, 2014 to April 04, 2016*. [Prep-to-research query]. New Orleans, Louisiana: Louisiana Public Health Institute.
14. Moody-Thomas S, **Ferguson TF**, Hayes C, Guillory D, Gilchrist C. LSU HCSD Innovation Resource Center: Patient-Centered Medical Home Executive Committee Evaluation Report. March 29, 2017. New Orleans, Louisiana. Health Care Services Division.
15. **Ferguson TF**, Johnson J, Plowe J, Tseng TS, Culbertson D, Trapido E, Walker C. LSU HCSD Quality Improvement Project: Improving Diabetes Retinopathy Referrals, 2108. Health Care Services Division.

Published Abstracts

Refereed

1. **Freeman T**, Gao Y, Xie J, Nolan T, Powers DR, Giles TD, Greenberg SS. Inhibition of Constitutive and Inducible Nitric Oxide Synthase Does Not Prevent or Reverse the Acute Phase Hypotension of Endotoxemia. Louisiana State Medical School, Department of Medicine, Annual Research Day, 1995, New Orleans, Louisiana.
2. **Freeman T**, Gao Y, Xie J, Given M, Giles TD, Powers DR, Nolan T, Greenberg SS. Inhibition of Constitutive and Inducible Nitric Oxide Synthase Does Not Prevent the Acute Phase Cardiovascular Depression of Endotoxemia. American Foundation of Clinical Research regional meeting, 1995, New Orleans, Louisiana.
3. **Freeman T**, Wang JF, Powers DR, Giles TD, Greenberg SS. Inhibition of Platelet Activating Factor but not Nitric Oxide Prevents the Acute Phase Hypotension of Endotoxemia. *Circulation Supp.* 1996; 94(8):I-589. American Heart Association 68th Scientific Session, 1996, New Orleans, Louisiana.
4. **Freeman T**, Stewart K, and Saag M. Adherence in the Age of Highly Active Anti-Retroviral Therapy (HAART): Racial and Gender Differences. National HIV Prevention Conference, 1999, Atlanta, Georgia.
5. **Freeman T**, Stewart K, Funkhouser E, Saag MS. Racial Differences in Barriers to Anti-Retroviral Adherence. American Public Health Association 127th Annual Meeting, 1999, Chicago, Illinois.
6. Yan LL, Liu K, Matthews KA, Daviglius ML, **Ferguson TF**, Kiefe CI. Time Urgency/Impatience (TUI) in Young Adults and the Risk of Hypertension (HBP) 13 years later, the CARDIA study. American Heart Association 74th Scientific Session, 2002, Chicago, Illinois.

7. **Ferguson TF**, Roseman J, Katholi C, Liu K. Type a behavior, hostility and the development of elevated blood pressure: the CARDIA study. CDC National Chronic Disease Prevention Conference, 2003, St. Louis, Missouri.
8. **Ferguson TF**. A Quick Look at Quality Control. Graduate Course: Statistical Quality Control. Department of Mathematics, University of West Florida, 2007, Pensacola, Florida.
9. **Ferguson TF**. Metabolic Syndrome and Coronary Artery Risk in Young Adults. National Medical Association Region V/Mound City Medical Forum Joint Conference 2010, St. Louis, Missouri.
10. GC Lehmann, TR Bell, JS Kemp, FJ Kirkham, JC Gavlak, **TF Ferguson**, RC Strunk, PF Austin, CL Rosen, MJ Marshall, O Wilkey, MJ Rodeghier, JO Warner, and MR DeBaun. Enuresis Associated with Sleep-Disordered Breathing In Children with Sickle Cell Anemia. Pediatric Urology Nurse Specialists (PUNS) Annual Meeting Boston Convention and Exhibition Center. October 2011. Boston, Massachusetts.
11. BM Lyons, N Jones-Jack, **TF Ferguson**. The Incomplete “Complete Streets”: Successes and Necessary Improvements for New Orleans and the State of Louisiana. 10th Annual Active Living Research Conference. February 2013. San Diego, California.
12. BM Lyons, N Jones-Jack, IM Ricket, **TF Ferguson**. Cultural Acceptability and Health Disparities in Louisiana. Xavier University Sixth Health Disparities Conference. Improving Medical Effectiveness and Health Outcomes to Achieve Health Equity Through Interprofessional Collaborations. March 2013. New Orleans, Louisiana.
13. **TF Ferguson**, M Brasher, L Zang. Improving Medical Effectiveness and Health Outcomes to Achieve Health Equity Through Interprofessional Collaborations. March 2013. New Orleans, Louisiana.
14. IM Ricket, TW Carton, BM Lyons, **TF Ferguson**. Disparities in Tobacco Normalization and Smoking Susceptibility. Xavier University Sixth Health Disparities Conference 2013. New Orleans, Louisiana.
15. S Gaston, N Richmond, BM Lyons, N Jones-Jack, **TF Ferguson**. Disparity and Correlates of Physical Inactivity in Pregnant Women. Xavier University Sixth Health Disparities Conference. Improving Medical Effectiveness and Health Outcomes to Achieve Health Equity Through Interprofessional Collaborations. March 2013. New Orleans, Louisiana.
16. **TF Ferguson**, L Zhang, MM. Brashear, L Arcement. Preliminary Results: Heart Failure Variations in Implantable Cardioverter Defibrillator (ICD) Utilization in the Louisiana Health System. Louisiana State University Health System 16TH Annual Health Care Effectiveness Forum Program. April 2013. Baton Rouge, Louisiana.
17. **TF Ferguson**, L Zhang, MM Brashear. Variations in Implantable Cardioverter Defibrillator (ICD) Utilization in the Louisiana Health System. American Heart Association Quality Care and Outcome Research. May 2013. Baltimore, Maryland.
18. B Lyons, **TF Ferguson**, N Jones-Jack, C Valliere. Where the Garden and the Concrete Meet: Decreasing Food Deserts in Ouachita Parish. 50th International Making Cities Livable Conference/ June 2013. Portland, Oregon.
19. L Zhang, **TF Ferguson**, MM Brashear, E Peters. Variations in Treatment of Head and Neck Cancer Patients in Louisiana. Graduate Research Day, LSU Health Sciences Center School of Graduate Studies, November 2013.

20. IM Ricket, TW Carton, BM Lyons, **TF Ferguson**. Tobacco Normalization and Combustible Smoking Susceptibility Among Youth in Louisiana. American Public Health Association. 141st Annual Meeting and Expo – Think Global, Act Local. November 2013. Boston, Massachusetts.
21. **TF Ferguson**. Surveillance Gives Clues to Tobacco Prevention in Youth. National Minority Research Symposium on Tobacco & Addictions. May 2014. Little Rock, Arkansas.
22. ES Peters, MM Brashear, **TF Ferguson**. Treatment and Survival Differences for Head and Neck Cancers in Louisiana. Seventh AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved. November 2014. San Antonio, Texas.
23. **TF Ferguson**, IM Ricket, A Egger, B Bourgeois, N Jones-Jack. Opportunity for Hospitals in Louisiana to Increase Tobacco Cessation. American Public Health Association 142nd Annual Meeting, November 2014, New Orleans, Louisiana.
24. BM Lyons, N Jones-Jack, **TF Ferguson**. Community Health Status Assessment Directing Louisiana to Community-Based Strategies. American Public Health Association 142nd Annual Meeting, November 2014, New Orleans, Louisiana.
25. **TF Ferguson**, M Brashear, ES Peters. Head and Neck Cancer Treatment and Survival Differences in Louisiana. National Institute on Minority Health and Health Disparities Grantees' Conference December 2014. Baltimore Harbor, Maryland.
26. **TF Ferguson**, M Brashear, ES Peters. Racial Differences in Head and Neck Cancer Treatment and Survival in Louisiana. Xavier University of Louisiana's College of Pharmacy Center for Minority Health and Health Disparities, Research and Education (CMHDRE) Eighth Health Disparities Conference March 2015. New Orleans, Louisiana.
27. Patrick-Esteve J, **Ferguson TF**, Brashear M, Duhon G. Knowledge, practice, and expert opinion on the use of tracheostomy and long term home ventilation for permanent unconscious infants and children after irreversible severe brain injury. Children's Hospital Pediatrics Research Day June, 2015. New Orleans, Louisiana.
28. **TF Ferguson**. Progress of CARC/ALIVE Translational Data Collection. Alcohol & Drug Abuse Center of Excellence 7th Semi-Annual Retreat. May 2016.
29. Zhang L, King J, **Ferguson TF**, Wu XC, Hsieh M, Chen VW. Socioeconomic Status Influences the Utilization of Chemotherapy Differently between White and Black Triple Negative Breast Cancer Patients. Congress of the Americas 2016, Society for Epidemiologic Research Annual Meeting, Miami, FL, June 2016.
30. Zhang L, Yu Q, Wu XC, Hsieh M, Loch M, Chen VW, Fontham E, **Ferguson TF**. Impact of Chemotherapy Relative Dose Intensity on Breast Cancer-Specific Survival and Overall Survival for State I-III Luminal A Vs Triple Negative Breast Cancer. Louisiana State University Health Sciences Center, Graduate Student Research Day, New Orleans, LA November 2016.
31. Dano D, **Ferguson TF**, Simonsen NR, Leonardi C, Yu Q, Wu X, Scribner RA. Implication of Neighborhood Disadvantage on the Incidence of Colorectal Cancer in Louisiana. Meharry Medical College Translational Research Center Disparities Conference. Nashville, TN November 2016.
32. **Ferguson TF**, Danos D, Simonsen NR, Leonardi C, Yu Q, Wu X, Scribner RA. Concentrated Disadvantage and Cancer Incidence in Louisiana. Meharry Medical College Translational Research Center Disparities Conference. Nashville, TN November 2016.
33. Gaston SA, Tulve NS, **Ferguson TF**. American Heart Association, Scientific Council on Epidemiology and Lifestyle Conference, Portland, Oregon. March 2017.

34. Scribner RA, **Ferguson TF**, Dano D, Simonsen NR, Leonardi C, Yu Q, Wu X. Social Determinants of Liver Cancer in Louisiana. 12th Annual UAB Health Disparities Research Symposium, Birmingham, Alabama, May 2017.
35. Danos D, **Ferguson TF**, Simonsen NR, Leonardi C, Yu Q, Wu X, Scribner RA. Neighborhood Disadvantage and Racial Disparities in Colorectal Cancer Incidence: A Population-based Study in Louisiana. 12th Annual UAB Health Disparities Research Symposium, Birmingham, Alabama, May 2017.
36. **Ferguson TF**, Dano D, Simonsen NR, Leonardi C, Yu Q, Wu X, Scribner RA. Racial Disparities in Late Stage Breast Cancer Diagnosis: Assessing Geographic Variation and Ecological Risk. 12th Annual UAB Health Disparities Research Symposium, Birmingham, Alabama, May 2017.
37. Danos D, **Ferguson TF**, Simonsen NR, Leonardi C, Yu Q, Wu X, Scribner RA. Racial Disparities in Late Stage Breast Cancer Diagnosis: Assessing Geographic Variation and Ecological Risk. Society for Epidemiologic Research 50th Annual Meeting, Seattle, Washington, June 2017.
38. Gaston SA, Tulve NS, **Ferguson TF**. Phthalates and Metabolic Syndrome in U.S. Adolescents (NHANES 2003-2014). Society for Epidemiology Research 50th Annual Meeting; Seattle, Washington. Poster Presentation. June 2017.
39. **Ferguson TF**, Simon L, Brashear MM, Mercante D, Welsh D, Molina PE. Chronic hazardous alcohol use; role in HIV-associated metabolic comorbidities. 38th Annual Research Society on Alcoholism Scientific Meeting; Denver, Colorado. June 2017.
40. **Ferguson TF**, Brashear MM, Welsh D, Armstrong ML, Shen T, LaPlante AM, Copenhaer M, Altice F, Bryant K, Molina PE. Improving Knowledge and Awareness of Negative Impacts of Alcohol Consumption Among People Living with HIV/AIDS. 38th Annual Research Society on Alcoholism Scientific Meeting; Denver, Colorado. June 2017.
41. **Ferguson TF**, Brashear MM, Welsh D, Parsons CH, Theall KP, Siggins R, Molina PE. Comprehensive Assessment of Alcohol Consumption in Persons Living with HIV/AIDS. 38th Annual Research Society on Alcoholism Scientific Meeting; Denver, Colorado. June 2017.
42. Theall K, Wallace M. **Ferguson T**, Brashear M, Welsh D, Molina P. American College of Epidemiology Annual National Meeting; New Orleans, Louisiana. September 2017.
43. Zhang L, Yu Q, Wu XC, Hsieh M, Loch M, Chen VW, Fontham E, **Ferguson TF**. Impact of Chemotherapy Relative Dose Intensity on Breast Cancer-Specific Survival and Overall Survival for State I-III Luminal A Vs Triple Negative Breast Cancer. American College of Epidemiology Annual National Meeting; New Orleans, Louisiana. September 2017.
44. **Ferguson TF**, Danos D, Leonardi C, Yu Q, Wu X, Scribner RA. Concentrated Disadvantage and Cancer Incidence in Louisiana. American College of Epidemiology Annual National Meeting; New Orleans, Louisiana. September 2017.
45. Danos D, **Ferguson TF**, Simonsen NR, Leonardi C, Yu Q, Wu X, Scribner RA. Implication of Social determinants of Hepatocellular Carcinoma in Louisiana. The Tenth American Association for Cancer Research Conference on Science of Cancer Health Disparities; Atlanta, Georgia. September 2017.
46. Harbin B, Beckett S, Brasher M, **Ferguson T**, Molina P. Efficacy of a Holistic Behavioral Intervention in Reducing Risky Coping Mechanisms Involving Substance Use Among Persons Living with HIV. Graduate Research Day, Louisiana State University health Sciences Center. New Orleans, Louisiana. November 2017.
47. Beckett S, Harbin B, Brasher M, **Ferguson T**, Molina P. Assessing Effectiveness of a Behavioral Intervention to Increase Knowledge of Alcohol and Decrease Alcohol Consumption Among

- People Living With HIV/AIDS. Graduate Research Day, Louisiana State University health Sciences Center. New Orleans, Louisiana. November 2017.
48. Danos D, Kepper M, Price-Haywood E, Leonardi C, **Ferguson T**, Scribner R. Utilizing Electronic Health Records to Evaluate Racial Disparities in Metabolic Syndrome. 13th Annual UAB MHRC Health Disparities Research Symposium. Birmingham, Alabama. March 2018.
 49. **Ferguson TF**, Wang X, Dyer L, Straif-Bourgeois S, Rojas D, Maloney P, Fang Z, Besch L. Increasing CVD and CVD Risk Among PLWHA in Louisiana 2002-2012. American Heart Association, EPI/Lifestyle 2018 Scientific Sessions. New Orleans, Louisiana. March 2018.
 50. **Ferguson TF**, Kumar S, Danos D. Scribner R. Heart Disease Among Breast Cancer Patients. American Heart Association, EPI/Lifestyle 2018 Scientific Sessions. New Orleans, Louisiana. March 2018.
 51. Danos D, Kepper M, **Ferguson T**, Leonardi C, Scribner R. 'Utilizing Electronic Health Records to Evaluate Racial Disparities in Metabolic Syndrome.' Presented at American Heart Association Epi Lifestyle 2018 Scientific Sessions, New Orleans, Louisiana. April 2018.
 52. Hossain F, Danos D, Prakesh O, Leonardi C, Gilliland A, **Ferguson T**, Simonsen N, Yu Q, Wu XC, Miele L, Scribner R. 'Social Determinants of Triple Negative Breast Cancer Disparities: A Multilevel Analysis of the Louisiana Tumor Registry Data'. Presented at Xavier University of Louisiana's 11th Health Disparities Conference, New Orleans, Louisiana. April 2018.
 53. Maffei VJ, Siggins RW, Porretta C, **Ferguson TF**, Brashear MB, Taylor CM, Molina PE, Welsh DA. Recent, Medium-, and Long-term Alcohol Consumption Are Associated with CD8+ T-cell Immunosenescence in Persons Living with HIV. 41th Annual Research Society on Alcoholism Scientific Meeting; San Diego, California. June 2018.
 54. Siggins RW, Maffei VJ, **Ferguson TF**, Porretta C, Taylor CM, Molina PE, Welsh DA. Alcohol Use Positively Correlates with CD8+ T-cell Exhaustion in People Living with HIV. 41th Annual Research Society on Alcoholism Scientific Meeting; San Diego, California. June 2018.
 55. Maffei VJ, Siggins RW, **Ferguson TF**, Brashear MB, Theall KP, Taylor CM, Molina PE, Welsh DA. Alcohol-associated Biological Aging is Potentiated by Effective ART in Persons Living with HIV. 41th Annual Research Society on Alcoholism Scientific Meeting; San Diego, California. June 2018.
 56. Simon L, **Ferguson TF**, Brashear M, Primeaux S, Mercante D, Welsh D, Molina PE. Chronic Hazardous Alcohol Use in People Living with HIV: Increased Prevalence of Insulin Resistance. 41th Annual Research Society on Alcoholism Scientific Meeting; San Diego, California. June 2018.
 57. **Ferguson TF**, Carr R, Ronis MJ, Simon L, Brashear MM, Siggins RW, Welsh DA, Molina PE. Increased Burden of Liver Disease in People Living With HIV: Hazardous Alcohol Use. 41th Annual Research Society on Alcoholism Scientific Meeting; San Diego, California. June 2018.
 58. **Ferguson TF**, Brashear MM, Beckett S, Harbin B, Ernst F, Molina PE. Reduced Alcohol Use and Improve Wellness in HIV-Infected Individuals: The WELL Program. 41th Annual Research Society on Alcoholism Scientific Meeting; San Diego, California. June 2018.
 59. Molina PE, Simon L, Welsh D, **Ferguson TF**, Brashear M, Primeaux S, Mercante D. At Risk Alcohol Consumption Increase Risk for Comorbidities in Persons Living with HIV (PLWH). 22nd International AIDS Conference; Amsterdam, the Netherlands. July 2018.

60. **Ferguson TF**, Dano D, Simonsen NR, Leonardi C, Yu Q, Wu X, Scribner RA. Racial Disparities in Late Stage Breast Cancer Diagnosis: Assessing Geographic Variation and Ecological Risk. Minority Women in Research Network Research Symposium; Atlanta, Georgia. October 2018.
61. Rosen EM, Carr R, Simon L, Brashear MM, Welsh DA, Molina PE, **Ferguson TF**. Lifetime Alcohol Drinking History and Noninvasive Markers of Liver Disease In People Living with HIV: The Role of Hepatitis C. Louisiana Health Sciences Center, Graduate School Research Day. New Orleans, Louisiana, November 2019.
62. **Ferguson TF**, Carr R, Ronis MJ, Simon L, Brashear M, Siggins RW, Welsh DA, Molina PE. Insulin Resistance in Persons Living with HIV (PLWH); Prevalence and Impact of Alcohol Use on Risk. National Institute of Diabetes and Digestive and Kidney Diseases, Network of Minority Health Research Investigators (NMRI) South Regional Workshop; Nashville, Tennessee November 2018.
63. **Ferguson TF**, Carr R, Ronis MJ, Simon L, Brashear M, Siggins RW, Welsh DA, Molina PE. Increased Burden of Liver Disease in People Living With HIV: Hazardous Alcohol Use. National Institute of Diabetes and Digestive and Kidney Diseases, NIH, Network of Minority Health Research Investigators (NMRI) Annual Meeting; Bethesda, Maryland. March 2019.
64. Primeaux S, Brashear M, **Ferguson TF**, Yeh A, Levitt DE, Simon L, Molina PE. Hazardous Alcohol Drinking is Associated with a Higher Incidence of Dysglycemia in Persons Living with HIV Following a Glucose Challenge. Gordon Research Conference: Alcohol-Induced End Organ Disease; Ventura, California, March 2019.
65. Ronis MJ, Watt J, Schuon J, Davis J, Welsh DA, **Ferguson TF**, Molina PE. Reduced Serum Osteocalcin in Alcoholic HIV Patients Does Not Correlate with Systemic Oxidative Stress or Inflammation: Data from the New Orleans Alcohol Use in HIV (NOAH) Study. Gordon Research Conference: Alcohol-Induced End Organ Disease; Ventura, California, March 2019.
66. Rosen EM, Carr R, Brashear MM, Theall K, Welsh DA, Molina PE, **Ferguson TF**. Current and Lifetime Alcohol Drinking Patterns on Noninvasive Markers of Liver Disease In People Living with HIV: The Role of Hepatitis C. Louisiana Health Sciences Center, School of Public Health, Delta Omega Honors Day. New Orleans, Louisiana, April 2019.
67. Sawadogo W, Molina PE, Welsh DA, **Ferguson TF**. Differences in Hypertension Prevalence and Control by Alcohol Use Severity Among People Living with HIV. Louisiana Health Sciences Center, School of Public Health, Delta Omega Honors Day. New Orleans, Louisiana, April 2019.
68. Simone W, Daniels L, Brashear B, Yeh A, Molina PE, **Ferguson TF**. Examining Self-Efficacy and Readiness to Change in Regards to Alcohol Use: the WELL Program. Louisiana Health Sciences Center, School of Public Health, Delta Omega Honors Day. New Orleans, Louisiana, April 2019.
69. **Ferguson TF**, Theall K, Simon L, Welsh DA, Molina PE. Cardiometabolic Factors Associated With Alcohol Use; the New Orleans Alcohol Use and HIV Study. 42nd Annual Research Society on Alcoholism Scientific Meeting; Minneapolis, Minnesota. June 2019.
70. Rosen EM, Carr R, Brashear MM, Theall K, Welsh DA, Molina PE, **Ferguson TF**. Current and Lifetime Alcohol Drinking Patterns on Noninvasive Markers of Liver Disease In People Living with HIV: The Role of Hepatitis C. 42nd Annual Research Society on Alcoholism Scientific Meeting; Minneapolis, Minnesota. June 2019.
71. Siggins RW, Maffei VJ, **Ferguson TF**, Porretta CP, Molina PE, Welsh DA. Alcohol Use and Markers of Gut Leak Positively Associate with CD8+ T-Cell Exhaustion and Senescence in

Persons Living with HIV. 42nd Annual Research Society on Alcoholism Scientific Meeting; Minneapolis, Minnesota. June 2019.

72. Rojas D, Wendell D, **Ferguson TF**, Robinson WT, Trepka MJ, Strafi-Bourgeois SC. 2019. The effect of neighborhood concentrated disadvantage on the association between hospital-associated infection and survival in people living with HIV. American College of Epidemiology Annual Meeting. Pasadena, California. September 2019.
73. **Ferguson TF**, McDaniel L, Brashear MM, Ernst F, Molina PE. Reduced Alcohol Use and Improved Wellness in Persons Living With HIV: The WELL Program. National Hispanic Science Network Conference. New Orleans, Louisiana. October 2019.
74. White S, McDaniel L, Brashear M, Yeh A, Molina PE, **Ferguson TF**. Examining Self-Efficacy and Readiness to Change in Regards to Alcohol Use Disorders: the WELL Program. National Hispanic Science Network Conference. New Orleans, Louisiana. October 2019.
75. Rosen EM, **Ferguson TF**, Carr R, Theall K, Brashear MM, Simon L, Ronis M, Welsh DA, Molina PE. Current and Lifetime Alcohol Drinking Associations on Liver Disease Markers in People Living with HIV and the Role of Hepatitis C. National Hispanic Science Network Conference. New Orleans, Louisiana. October 2019.

Acknowledged Contributions

1. Wohl D, Scherzer R, Heymsfield S, Simberkoff M, Sidney S, Bacchetti P, Grunfeld C; FRAM Study Investigators. The associations of regional adipose tissue with lipid and lipoprotein levels in HIV-infected men. *J Acquir Immune Defic Syndr*. 2008 May 1;48(1):44-52. doi:10.1097/QAI.0b013e31816d9ba1.
2. Scherzer R, Shen W, Bacchetti P, et al. Simple anthropometric measures correlate with metabolic risk indicators as strongly as magnetic resonance imaging-measured adipose tissue depots in both HIV-infected and control subjects. *Am J Clin Nutr*. 2008;87(6):1809–1817. doi:10.1093/ajcn/87.6.1809
3. Currier J, Scherzer R, Bacchetti P, et al. Regional adipose tissue and lipid and lipoprotein levels in HIV-infected women. *J Acquir Immune Defic Syndr*. 2008;48(1):35–43. doi:10.1097/QAI.0b013e318164227f
4. Scherzer R, Shen W, Bacchetti P, et al. Comparison of dual-energy X-ray absorptiometry and magnetic resonance imaging-measured adipose tissue depots in HIV-infected and control subjects. *Am J Clin Nutr*. 2008;88(4):1088–1096. doi:10.1093/ajcn/88.4.1088

Invited Conference Talks, Presentations and Seminars

National

1. Freeman T, Stewart K, and Saag M. Adherence in the Age of Highly Active Anti-Retroviral Therapy (HAART): Racial and Gender Differences. National HIV Prevention Conference, 1999, Atlanta, GA.

Regional

2. Metabolic Syndrome and Coronary Artery Risk in Young Adults. National Medical Association and Mound City Medical Forum, 2010 Region V Annual Meeting, St. Louis , MO. April 2010.
3. Ferguson TF, Dano D, Simonsen NR, Leonardi C, Yu Q, Wu X, Scribner RA. Racial Disparities in Late Stage Breast Cancer Diagnosis: Assessing Geographic Variation and Ecological Risk. 12th Annual UAB Health Disparities Research Symposium, Birmingham, AL. May 2017
4. Long-term Burden of Childhood Risk Factors and Adult Cancer. Preliminary Findings of Bogalusa Heart Study Linkage with the Louisiana Tumor Registry. National Cancer Institute Geographic Management of Cancer Health Disparities (GMaP) Program Regions 2 Retreat. New Orleans, LA. January 2018.

State

5. What are the Odds? Center for Tobacco Policy and Research, Summer Training Institute. St. Louis, MO. July 2009.
6. Real Discussion with Real people about real issues in minority health. Office of Minority Health, Missouri Department of Health and Senior Services. St. Louis, MO. July 2010.

Local

7. Case Managers Needs Assessment . Ryan White Metro St. Louis HIV Health Services Planning Council. St. Louis, MO. January 2011.
8. Multiple Methods Investigating Cardiovascular Disease Risk. Louisiana Public Health Institute, Division of Evaluation and Research. New Orleans, LA. September 2014.
9. Assesments and Measurements of Alcohol Consumpition in Aging People Living with HIV. Dillard University, New Orleans, LA. April 2017.

University

10. *Progress of CARC/ALIVE Translational Data Collection*. Louisiana State University Health Sciences Center, Alcohol and Drug Abuse Center of Excellence 7th Scientific Retreat. New Orleans, LA. April 2016.
11. *Improving Patient Outcomes Among Breast Cancer Patients by Increasing Early Detection and Treatment of Chemotherapy Cardiotoxicity*. Washington University, School of Medicine. Programs to Increase Diversity Among Individuals Engaged in Health-Related Research (PRIDE). NHLBI/NIMHD Mid-year Meeting 2017. St. Louis, MO. January 2017.

12. *Risk of CVD in HIV Mediated Through Alcohol Use.* Washington University, School of Medicine. Programs to Increase Diversity Among Individuals Engaged in Health-Related Research (PRIDE). St. Louis, MO. August 2017.

Editorial Posts and Reviewer Activities

Journal Reviews

Alcohol

Alcoholism: Clinical and Experimental Research

Atherosclerosis

AIDS Behavior

Annals of Epidemiology

BioMed Central

HIV Medicine

Public Health

Research Proposal Reviews

Men's Minority Health Project 2015 - 2016

Conference Abstract Reviews

American Public Health Association (APHA) Annual Meeting- Epidemiology Section 2014 - 2018

American College of Epidemiology 2015 - 2019

Meetings, Panels, Workshops Led or Organized

Conference Symposium Organizer and Panel Moderator

Early Career Planning Committee for Epidemiology Congress of the Americas 2016, 2016

Miami, FL (June 2016)

- Early Career Forum Facilitator

SERVICE ACTIVITIES

State Advisory Committees and Boards

Louisiana Department of Health and Hospitals

Coordinated Chronic Disease Epidemiology and Evaluation Workgroup 2012 - 2013

Community Transformation Grant Steering Committee 2012 - 2013

LA Chronic Disease Prevention and Control Leadership Group 2012 - 2014

LA Behavior Risk Factor Surveillance Survey (BRFSS) Workgroup 2012 - 2015

Science Advisor

Epidemiology Advisor to the Louisiana Department of Health, Chronic Disease Prevention and Control 2011 - 2013

Professional Institution/Society Service

National Committees and Workgroups

American Heart Association: Interdisciplinary Committee on Prevention Publication Committee 2011 – 2012 2010 - 2013

American Public Health Association (APHA), Epidemiology Section, Conference Abstract Reviewer, International Meeting Planning Committee Member 2013 - 2016

American College of Epidemiology, Planning Committee for Epidemiology Congress of the Americans 2016

Regional Committees

Association of Women in Science – Southern Louisiana Chapter Secretary and Executive Board Member 2016 - Present

St. Louis Regional Planning Council Needs Assessment Committee Member 2009

Education and Prevention Committee Member 2010

University Service

University Appointments and Committees

University of West Florida, Master of Public Health Steering Committee 2007 - 2009

Saint Louis University, Presidential Award Proposal Reviewer 2010

Saint Louis University, President's Diversity Council 2009 - 2011

Saint Louis University, School of Public Health Commencement Marshall 2009 - 2011

Louisiana State University Health Science Center, Faculty Senator, Louisiana Health Sciences Center 2016 - Present

Louisiana State University Health Science Center, Graduate School Recruitment Committee 2018 - Present

School Committees

Saint Louis University – SPH, Education Strategy Sub-committee 2008 - 2009

Saint Louis University – SPH, National Children's Study Principal Investigator Search Committee 2010

Saint Louis University – SPH Division of Epidemiology Admissions Officer 2008 - 2011

Saint Louis University – SPH, Recruitment and Retention: Diverse Faculty and students Task Force 2009 - 2011

Louisiana State University Health Science Center, School of Public Health Education Strategic Planning Committee	2014
Louisiana State University Health Science Center, School of Public Health Recruitment and Open House Committee – Chair	2012 - 2014
Louisiana State University Health Science Center, School of Public Health By-Laws, Nominations, and Election Committee -Chair	2012 - 2016
Louisiana State University Health Science Center, School of Public Health Grievance Committee	2013 - 2017
Louisiana State University Health Science Center, School of Public Health Administrative Council	2016 - Present

Program Committees

Louisiana State University Health Sciences Center, School of Public Health, PhD Exam Committee –Chair	2012-2017
Louisiana State University Health Science Center, School of Public Health Epidemiology Faculty Assembly Rep	2016- Present

Community Service Activities

National Campaign

American Heart Association Mid-West Affiliate Minority Council Member and Community Ambassador New Orleans American Heart Association Passion Committee	2009 - 2011
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Community Outreach and Education Events

African American AIDS Alliance Member Chairperson	2009 - 2011
Catholic Charities Midtown Board Member and Volunteer	2010 - 2011 2009 - 2011
National Black HIV/AIDS Awareness Day Conference Planning Committee	2010
American Red Cross Certified HIV Education and Prevention Instructor	2010 2010
Certified African American HIV Education and Prevention Instructor Certified in CPR	2013 - Present
Saint Louis Striving to Reduce Youth Violence Everywhere (STRYVE) Data and Assessment Committee	2011
Women With A Vision WWA - Friends Planning Committee	2013 - 2015

Heart N Hands – Healthy Heart Program Promotion(New Orleans, LA) Volunteer	2015, 2016, 2017
Friends of Lafitte Greenway –Environmental Ownership Volunteer	2016 - Present
Black AIDS Institue: Black Women and HIV Volunteer	2019 - Present