

CURRICULUM VITAE

Tekeda Freeman Ferguson, MPH, MSPH, PhD

Current Title: Tenured Associate Professor

Business Contact: Louisiana State University Health Sciences Center
School of Public Health
Epidemiology Program
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EDUCATION

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

CERTIFICATION

Certified Health Education Specialist (C.H.E.S. #7206)
Red Cross First Aid/CPR, Certification

ACADEMIC, PROFESSIONAL, AND RESEARCH APPOINTMENTS

University of Alabama at Birmingham, Birmingham, Alabama

Research Assistant

2000 - 2003

School of Medicine, Department of Preventive Medicine, Coronary Artery Risk
Development in Young Adults Coordinating Center
(Mentors: 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

Instructor

2003 - 2005

School of Public Health
Department of Epidemiology

Statistical Center Data Manager/Epidemiologist

2003 - 2005

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.

Saint Louis University, St. Louis, Missouri

Tenure Track Assistant Professor

2008 - 2011

School of Public Health
Department of Community Health/Epidemiology

Louisiana State University Health Science Center, New Orleans, Louisiana

Research Assistant Professor

2011 - 2019

School of Public Health
Epidemiology Program

Secondary Appointment

2015 - Present

Alcohol and Drug Abuse Center of Excellence

<i>Tenure Track Assistant Professor</i> School of Public Health Epidemiology Program	<i>2019 - 2021</i>
<i>Secondary Appointment</i> School of Medicine Department of Physiology	<i>2019 - Present</i>
<i>Tenured Associate Professor</i> School of Public Health Epidemiology Program	<i>2021 - Present</i>

Adjunct Faculty Appointments

<i>Pensacola Junior College, Pensacola, Florida</i> Department of Mathematics	<i>2007 - 2008</i>
<i>University of West Florida, Pensacola, Florida</i> School of Allied Health Department of Biology Masters of Public Health Program	<i>2008 - 2010</i>
<i>Saint Louis University, St. Louis, Missouri</i> School of Public Health Department of Community Health/Epidemiology	<i>2011 - 2015</i>

Membership in Professional Organizations

American Public Health Association (APHA) Epidemiology Section	2000 – Present 2008 – Present
American Heart Association (AHA) Council on Epidemiology and Prevention Stroke Council	2008 – Present 2008 – Present 2008 – Present
Society for Epidemiologic Research (SER)	2009 – Present
American College of Epidemiology (ACE)	2011 – Present
Association of Women in Science (AWIS)	2014 – Present
Research Society on Alcoholism (RSA)	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
Saint Louis University	School of Public Health Commencement Marshall	2010-2011
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
Alcoholism: Clinical & Experimental Research Journal of the Research Society on Alcoholism	Awarded as a June Article of Public Interest	2020
Delta Omega – Alpha Psi Chapter Honorary Society in Public Health	Nominated and Awarded Membership	2021

DEVELOPMENT ACTIVITIES

Training Workshops and/or Education Conferences

STATA Training 1001. Microtek Training Facility. Washington, D.C. October 2-3, 2012.

Mixed Methods Workshop by Dr. John Creswell. American College of Epidemiology 2013 Annual Meeting. Louisville, Kentucky. September 2013.

Utilizing Medicare/Medicaid Data for Research. Centers for Medicare & Medicaid Services (CMS). National Training Program. Minneapolis, Minnesota, August 25-27, 2014.

Propensity Score Analysis Workshop. Society for Epidemiologic Research Annual Meeting. Seattle, Washington. June 2017.

Evidence-Based Public Health: A Course in Chronic Disease Prevention. Louisiana Department of Health, Public Health, Prevention Research Center. National Association of Chronic Disease 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).

Louisiana Clinical and Translational Science Center (LA CaTS) Senior Clinical Investigator training. Tulane University. New Orleans, Louisiana. Fall, 2017.

Diversity Training. Postbaccalaureate Research Education Program (PREP) in Biomedical Sciences Diversity Training Workshop for Graduate Faculty. Louisiana State University Health New Orleans. New Orleans, Louisiana. May 21, 2018.

Grant Writing Workshop. National Institute of Diabetes and Digestive and Kidney (NIDDK) Diseases, NIH, Network of Minority Health Research Investigators (NMRI) Annual Meeting; Bethesda, Maryland. March 2019.

Dissemination and Implementation Workshop. American College of Epidemiology 2019 Annual Meeting. Pasadena, CA September 8, 2019.

Louisiana Clinical and Translational Science Center (LACaTS) Mock Study Section, Louisiana State University School of Medicine. New Orleans, Louisiana. September 18, 2019.

Race Round the Table. Diversity Workshop, Louisiana State University School of Medicine. New Orleans, Louisiana. September 26, 2019.

Conscious Roots. Diversity and Inclusion Training for School of Public Health. Louisiana State University Health Sciences Center, School of Public Health. New Orleans, Louisiana. June 2020.

Causal Mediation Analysis. Tyler VanderWeele, Ph.D. Harvard University. Statistical Horizons. June 2021.

TEACHING EXPERIENCE AND RESPONSIBILITIES

Overview: I have a vast amount of teaching and mentoring experience ranging from high school to the post-doctoral level. I have taught courses at the junior college, undergraduate, and graduate (masters and doctoral) levels. I have successfully delivered course content in the traditional face to face setting, the on-line platform (synchronous and asynchronous), and hybrid courses. I have been a major contributor to the teaching curriculum and faculty at multiple institutions; having taught over 20 courses and created or re-designed 10 courses.

Curriculum Development/Implementation

University of Alabama at Birmingham (UAB)

Graduate Teaching Assistant

Principles of Epidemiology (School of Public Health) 1999 - 2000

- 4 credit graduate course.
- Graded homework, exams, tutored students, taught a guest lecture, and facilitated the laboratory sessions.

Chronic Disease Epidemiology (School of Public Health) 2000

- 4 credit undergraduate course.
- Graded homework and exams and provide two guest lectures.

Introduction to SAS and Statistical Software (School of Public Health))
2000 - 2001

- 3 credit undergraduate lecture and lab.
- Graded exams and tutored students.

Graduate Course Director

Introduction to SAS Statistical Software (School of Public Health) 2003 - 2005

- 3 credit graduate lecture and laboratory.
- Offered in the Summer Semester.
- Updated lecture notes and quizzes, facilitated lectures and laboratory assignments.

Introduction to Data Collection and Data Management (School of Public Health) 2004 - 2005

- 3 credit graduate lecture and laboratory.
- Offered in the Spring Semester.
- Updated lecture notes, facilitated lectures, laboratory assignments and group projects.

Pensacola Junior College

Undergraduate Course Director

Introductory Statistics (Mathematics Department) 2007 - 2008

- 4 credit graduate lecture.
- Offered in the Spring Semester.
- Facilitated lectures, created lecture notes, assignments, and exams.

Introductory Statistics (Mathematics Department)

2007 - 2008

- 3 credit graduate lecture and laboratory.
- Fall and Spring Semesters.
- Created lectures, lecture notes, homework assignments, and exams.

University of West Florida (UWF)

Undergraduate Course Developer and Director

Biostatistics Prep Course (Biology Department, Public Health Program)

2008 - 2009

- No credit, supplemental course.
- Asynchronous on-line course.
- Created lecture slides, lecture notes, audio visual recordings, and on-line chat room discussion boards.

Graduate Course Developer and Director

Introduction to Public Health On-Line (Biology Department, Public Health Program)

2008 - 2010

- 3 credit undergraduate and graduate lecture.
- On-line asynchronous class.
- Created on-line lectures and teaching modules, lecture notes, assignments, and exams.

Saint Louis University (SLU)

Graduate Course Developer and Director

Principles of Epidemiology (School of Public Health)

2008 - 2011

- 3 credit graduate lecture.
- Offered in Fall Semester.
- Revised lecture, lecture notes, and quizzes, facilitated lectures and laboratory assignments.

Chronic Disease Epidemiology (School of Public Health)

2008 - 2011

- 3 credit graduate lecture.
- Offered in Spring Semester.
- Created lecture notes.

Advanced Epidemiology Methods (School of Public Health)

2009 - 2011

- 3 credit graduate lecture.
- Offered in Spring Semester.
- Created lecture notes.

Epidemiology Capstone (School of Public Health)

2010 - 2011

- 3 credit graduate lecture.
- Offered in Spring Semester.
- Updated lectures and/ lecture notes, and identified and coordinated group projects.

- Principles of Epidemiology On-Line*** (School of Public Health) 2011-2012
- 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.

Louisiana State University Health Sciences Center (LSUHSC)

Graduate Course Developer and Director

- Chronic Disease Epidemiology*** (LSUHSC-Public Health) 2011 - Present
- 3 credit graduate lecture.
 - Offered in the Spring Semester.
 - Revised and re-created lectures, lecture slides, and lecture notes.

- Advanced Epidemiology Methods I*** (LSUHSC-Public Health) 2012 – Present
- 3 credit graduate lecture and laboratory.
 - Offered in the Spring Semester.
 - Created syllabus, lecture slides, lecture notes, in-class lab assignments, homework, and group projects.

- Advanced Epidemiology Methods II*** (LSUHSC-Public Health) 2014 - Present
- 3 credit graduate lecture and laboratory.
 - Offered in the Spring Semester.
 - Created course, syllabus, lecture slides, lecture notes, in-class lab assignments, homework, and group projects.

- Cardiovascular Disease Epidemiology*** (LSUHSC-Public Health) 2017 - Present
- 3 credit graduate lecture.
 - Offered in the Spring Semester.
 - Created course syllabus, lecture slides, lecture notes, in-class exercises, homework's, and group projects.

Graduate Course Director

- Epidemiology Seminar*** (LSUHSC-Public Health) 2015, 2016
- 1 credit graduate seminar.
 - Offered in the Spring Semester.
 - Coordinated speakers across a semester theme and provided additional lectures.

School of Medicine Graduate Course Developer and Director

Summer Health Professions Education Program (SHPEP)

2017 – 2019

Clinical Epidemiology Laboratory (LSUHSC – School of Medicine)

- 1 credit undergraduate laboratory.
- Offered in the Summer Semester.
- Created course, syllabus, slides, and in-class lab assignments and software demonstrations.

Tiger Scholars Introduction to Epidemiology (LSUHSC – School of Medicine)

2019 - Present

- 1 credit undergraduate program.
- Offered in the Summer Semester.
- Created syllabus, slides, and in-class assignments.

Interprofessional Education Facilitator

Team Up Interprofessional Education Experience: Developmental Delays (LSUHSC)

2016 - Present

- LSUHSC Team Up Inter-professional Educational (IPE) Program.
- 2-credit graduate public health curriculum (20 hrs./yr.).
- 10-35 students/yr.
- Assisted in creating an Alcohol case study for IPE health graduate experience.

Departmental / Interdisciplinary Teaching

Department Guest Lectures

Social Epidemiology Course (EPID – 6352) - Guest Lecture

Introduction to Community Based Participatory Research.

Louisiana State University Health Sciences Center, School of Public Health

Spring 2014,
2016, 2018, 2020

Principles of Epidemiology (EPID 6201) – Guest Lecture

Study Designs - Cohort Study

Louisiana State University Health Sciences Center, School of Public Health

Summer 2017

Introduction to Global Public Health (PUBP -6300) - Guest Lecture

Chronic Disease Around the World: CVD, Diabetes.

Louisiana State University Health Sciences Center, School of Public Health.

Fall 2016

Department Seminars

Epidemiology Seminar (EPID – 6213) - Guest Lecture <i>Assessing Regional and Racial Differences in the Association of Stroke Incidence with Smoking Intensity and Smoking Tax.</i> Louisiana State University Health Sciences Center, School of Public Health.	Spring 2012
Epidemiology Seminar (EPID – 6213) - Guest Lecture <i>Assessments of Alcohol Consumption in the Aging in Louisiana: Immunosenescence, HIV, & SocioEnvironmental factors (ALIVE) Study.</i> Louisiana State University Health Sciences Center, School of Public Health.	Fall 2016
Physiology Perspectives on Alcohol Research (PAR) Seminar – Guest Lecture <i>Crash Course on Alcohol Consumption, Patters of Drinking, & Other Facts.</i> Louisiana State University Health Sciences Center, School of Medicine.	Spring 2018
Physiology Perspectives on Alcohol Research (PAR) Seminar – Guest Lecture <i>Alcohol Consumption, Measurement, Patters of Drinking, & the NOAH Study.</i> Louisiana State University Health Sciences Center, School of Medicine.	Spring 2020

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”

PhD Major Professor, Erika Rosen
Project Title: “The Interaction of Sugar Intake and Alcohol Use on Liver Injury Among People Living with HIV (PLWH)”

Research Advisor -Dissertation Committees

PhD Committee Member, Symielle 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, Vincent Maffei (LSUHSC, 2019)

Title: “Alcohol-associated Intestinal Dysbiosis and CD8+ T-cell Activation and Immunosenesence during HIV Infection”

Current Position: LSU Medical School Student

Research Advisor – Masters Thesis Committees

MS Biomedical Sciences — Physiology, Committee Member, Alicia Ray-Botello (LSUHSC, 2017)

Title: “Biomarkers of Stress Reactivity and Alcohol Craving in Patients Living with HIV”

Current Position: Tulane Graduate 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 Implementaiton and Improvement Trial”.

Lehmann, Gloria (SLU, MPH 2010) Title: “Enuresis Associated With Sleep Disordered Breathing in Children With Sickel 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 (LSUHSC, MPH 2018) Title: “Efficacy of a Holistic Behavioral Intervention in Reducing Risky Coping Mechanisms Among Persons Living with HIV”.

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

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

Beauchamp, Alicia (LSUHSC, 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”.

Visiting Intern Scholar

Pulgarin, Shalom Gomez
University of Antioquia, Infection and Cancer Group, Medellín, 050010, Colombia (2019-2020)
Title: Association of Alcohol Use and Breast Cancer by Menopausal Status among Colombian Women

Mentor***Postdoc Mentor (LSUHSC 2016-2017)***

Danos, Denise, MPH, PhD

LSUHSC Summer Youth Research Internship Program Mentor (LSUHSC 2017)

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

Post baccalaureate Research Education Program (PREP) Mentor

Datri, Paula – Summer 2018 Rotation

Research Project (LSUHSC 2018-2019)

Kumar, Sunayana Udaya, LSUHSC, Epidemiology, Project: Non-invasive Maneuvers for Evaluation of Diastolic Dysfunction in Patients with Exertional Dyspnea

Research Project (LSUHSC 2018-2019)

White, Simone, LSUHSC, Epidemiology, Project: Examining Self-Efficacy and Readiness to Change in Regards to Alcohol Use Disorders: the WELL Program

LSUHSC Summer Youth Research Internship Program Mentor (LSUHSC 2020)

Williams, Haley, Howard University, Project: Alcohol Use among PLWH during COVID-19: The New Orleans Alcohol Use in HIV Study

- Research Day First Place Award

Post baccalaureate Research Education Program (PREP) Mentor

Davis, Sheldon– (LSUHSC 2020-2021)

LSUHSC Summer Youth Research Internship Program Mentor (LSUHSC 2021)

Brown, Angelle, Howard University, Project: Alcohol Use and Physical Activity among PLWH

- Research Day First Place Award

RESEARCH AND SCHOLARSHIP

Grants and Contracts

ACTIVE:

National Institute on Alcohol Abuse and Alcoholism (NIAAA) 2 P60 AA09803-22-6893

Ferguson (PI) 12/20/2019– 12/19/2024

Comprehensive Alcohol Research Center (CARC)

Community and Interpersonal Stress, Alcohol, and Chronic Comorbidities Among PLWH

The goal of this research component is to determine the impact of community and interpersonal stress on behavioral and chronic comorbidities among PLWH, and the unique role that alcohol use plays in the pathways. CARC has a research focus on the bi-directional translational investigation of the interaction of alcohol use disorders (AUD), Human Immunodeficiency Virus (HIV), and antiretroviral therapy (ART) in non-human primates and human subjects.

Role: RC Principal Investigator (15%) **Total Budget: \$475,674**

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

Molina (PI) 12/20/2019– 12/19/2024

Comprehensive Alcohol Research Center (CARC)

Administrative Core

CARC has a research focus on the interaction of alcohol use disorder (AUD), human immunodeficiency virus (HIV), and antiretroviral therapy (ART). The translational focus is the impact of at-risk alcohol consumption on risk for comorbidities in a longitudinal cohort of in-care virally suppressed persons living with HIV (PLWH). The Administrative Core provides oversight, supports data management and analysis, and funds pilot projects to promote novel research investigations.

Role: Investigator/Associate Director Data Management and Analysis (10%) **Total Budget: \$7,328,842**

National Institute on Alcohol Abuse and Alcoholism (NIAAA) 5U01AA020795-09

Fiellin (PI) Yale University 01/01/2020– 12/31/2020

COMPAAAS: Financial Incentives, Randomization with Stepped Treatment (FIRST) Trial

The goal of the Financial Incentives, Randomization with Stepped Treatment (FIRST) Trial is to compare onsite CM plus stepped care versus treatment as usual (TAU) in a randomized clinical trial of 348 HIV-infected patients with unhealthy alcohol use at seven HIV clinics.

Role: Investigator (5%) **Total Budget: \$92,275**

National Institute on Alcohol Abuse and Alcoholism (NIAAA) R01MH119919-01A1

Moitra (PI) Brown University 12/01/2019– 11/30/2024

Brief Acceptance-based Retention Intervention for Newly Diagnosed HIV Patients

The objective is to conduct a randomized controlled trial to assess the efficacy of a brief, 2-session acceptance-based behavioral therapy intervention to enhance retention in HIV care. The central hypothesis is that participants' informed disclosure of HIV status to members of their support system, facilitated through increased acceptance of HIV status early in medical care, will increase their longitudinal commitment to care.

Role: Investigator (5%) **Total Budget: \$782,097**

National Institute on Alcohol Abuse and Alcoholism (NIAAA) UH3AA026198
Molina (PI) 09/01/2019– 08/31/2022
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%) **Total Budget: \$1,064,654**

National Institute on Alcohol Abuse and Alcoholism (NIAAA) UH3 AA026206
Celio (PI) Brown University 09/20/2019– 08/31/2022
Translational Methods for Developing and Testing a Multi-Target Brief Intervention to Reduce Alcohol Use and Increase ART Adherence among Racially Diverse PLWH ("Project Unite")
The objective is to deliver a new behavioral intervention to reduce alcohol use and increase antiretroviral therapy (ART) adherence among PLWH who drink heavily and are ART non-adherent.
Role: Investigator (5%) **Total Budget: \$306,367**

National Institute on Alcohol Abuse and Alcoholism (NIAAA) 2 P60 AA09803-27S1
Molina (PI) 06/15/2020 – 12/19/2024
Comprehensive Alcohol Research Center (CARC)
Administrative Supplement Data Management - Supports the CARC in complying with the NIAAA data sharing initiative to organize, clean, and standardize data for the NIAAA Data Archive (NIAAADA)
Role: Investigator (15%) **Total Budget: \$50,000**

National Institute on Alcohol Abuse and Alcoholism (NIAAA) 2 P60 AA009803-27S3
Ferguson (PI) 09/01/2020 – 08/31/2021
Comprehensive Alcohol Research Center (CARC) Administrative Supplement
Title: RC1 Community and Interpersonal Stress, Alcohol, and Chronic Comorbidities Among PLWH. Impact of COVID-19.
The supplement will investigate the impact of COVID-19 related stress on psychiatric and medical comorbidities, drinking behavior, and risk for comorbidities in persons living with HIV and HIV seronegative subjects enrolled in the New Orleans Alcohol and HIV study.
Role: RC 1 Principal Investigator (10%) **Total Budget: \$99,789**

UNDER REVIEW:

National Institute on Alcohol Abuse and Alcoholism (NIAAA) (Ferguson)
SARS-CoV-2, COVID-19 and Consequences of Alcohol Use
Title: Interaction of Biopsychosocial Stress, Alcohol Misuse, and Post-Acute Neurobehavioral Sequelae of COVID-19.
Role: RC 1 Principal Investigator (13%) **Total Budget: \$395,790**

IN-ACTIVE:

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– 08/31/2019

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%)

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 Cancer Institute (NCI)

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%)

National Institute of Minority Health and Health Disparities (NIMHD)

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 of General Medical Sciences (NIGMS)

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 (NHLBI)

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 4 years)

National Institute of Environmental Health Sciences (NIEHS), LSUHSC Site Principal Investigator, \$223,000
Investigating concentrated disadvantage-mediated associations of COVID-19 morbidity and mortality with community burden due to PM2.5 and air toxics emissions (2021)

National Institute of Minority Health and Health Disparities (NIMHD), Principal Investigator, \$367,499
Multilevel Analysis of Environmental Exposures and Chronic Conditions among Minority and Marginalized Communities (2021)

National Institute on Alcohol Abuse and Alcoholism (NIAAA), Co-Principal Investigator, \$ 3,776,018
NOLA COVID-19 Community Adaptive Responsive Engaged Strategy (CARES) (2020)

Health Effects Institute (HEI), Co-Principal Investigator, \$223,000
Investigating concentrated disadvantage-mediated associations of COVID-19 morbidity and mortality with community burden due to PM2.5 and air toxics emissions (2020)

National Cancer Institute (NCI), Investigator, \$402,543
Social Determinants of Disparities in Hepatocellular Carcinoma (2020)

National Cancer Institute (NCI), Co-Investigator , \$268,056

Development of mobile patient education game to promote adherence to oral therapy for breast cancer patients (2020)

National Institute on Alcohol Abuse and Alcoholism (NIAAA), Principal Investigator, \$80,000

Loan Repayment Program -Title: *Neighborhood Environment, Interpersonal Stress, Alcohol, and Chronic Comorbidities among People Living with HIV (2020)*

National Institute of Environmental Health Sciences (NIEHS), Site Principal Investigator, \$25,853

Epidemiologic and Ethnographic Analysis of Air Pollution Emissions Impacts on COVID-19 Cases among Marginalized Communities (2020)

National Cancer Institute (NCI), Co-Investigator, \$377,830

Social Determinants of Disparities in Hepatocellular Carcinoma (2019)

National Science Foundation (NSF), LSUHSC Principal Investigator, \$471,310

Characterization of antibiotic-resistant bacteria in the environment and their association with population growth (2019)

National Institute of Minority Health and Health Disparities (NIMHD), Co-Investigator , \$2,811,364

Adolescent Obesity in Cohorts Spanning the Nutritional Transition in Grenada (2019)

National Institute on Aging (NIA), Co-Principal Investigator, \$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 (NIMHD), Research Component Co-PI, \$9,208,140

Louisiana Minority Health and Precision Prevention (LAMP) Center of Excellence (2017)

PUBLICATIONS

Peer Reviewed:

1. Greenberg SS, Lancaster JR, Xie J, Sarphie 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, Daviglus 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. PMCID: 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; 18(1):129-37. PMCID: 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;169(1):175-187. 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*, 2018; 11;8:375. PMID: 30254987.
18. Molina PE, Simon L, Amedee AM, Welsh DA, Ferguson TF. Corrigendum: Impact of Alcohol on HIV Disease Pathogenesis, Comorbidities and Aging: Integrating Preclinical and Clinical Findings. *Alcohol Alcohol*. 2018 Sep 1;53(5):636. doi: 10.1093/alcalc/agy043. Erratum for: *Alcohol Alcohol*. 2018 Jul 1;53(4):439-447. PMID: 29850892; PMCID: PMC6790512.
19. Gaston SA, Tulve NS, **Ferguson TF**. Abdominal obesity, metabolic dysfunction, and metabolic syndrome in U.S. adolescents: National Health and Nutrition Examination Survey 2011-2016. *Ann Epidemiol*, 2019;30:30-36. doi:10.1016/j.annepidem.2018.11.009.
20. 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.
21. 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.

22. 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.
23. 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.
24. 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; 47:12: 1500-1504. PMID: 31324490.
25. 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;23(12):3237-3246. doi:10.1007/s10461-019-02632-3 PMID: 31401740.
26. Madkour A, Felker-Kantor D, Wallace M, **Ferguson TF**, Welsh D, Molina PE, Theall K. Latent Alcohol Use Typologies and Health Status Among a Cohort of Adults Living with HIV. *Alcohol and Alcoholism*, 2019;54(6):584-592. doi:10.1093/alcalc/agz071. PMID: 31559525.
27. Watt J, Schuon J, Davis J, **Ferguson TF**, Welsh DA, Molina PE, Ronis MJJ. Reduced Serum Osteocalcin in High-Risk Alcohol Using People Living With HIV Does Not Correlate With Systemic Oxidative Stress or Inflammation: Data From the New Orleans Alcohol Use in HIV Study. *Alcohol Clin Exp Res*, 2019; 43: 2374-2383. PMID: 31483873.
28. 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. *AIDS*, 2019; 34(2):245-254. PMID: 31714352.
29. **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*, 2019;. 55(1):28-36. PMID: 31812989.

30. 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*, 2020; 24(6):1653-1662. doi:10.1007/s10461-019-02684-5. PMID: 31559525.
31. **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. *Alcoholism: Clinical and Experimental Research*, 2020. Jun;44(6):1261-1272. doi: 10.1111/acer.14336.
32. Simon L, **Ferguson TF**, Stouwe CV, Brashear M, Primeaux S, Theall KP, Welsh DA, Molina PE. Prevalence of Insulin Resistance in Adults Living with HIV: Implications of Alcohol use. *AIDS Res Hum Retroviruses*. *AIDS Res Hum Retroviruses*, 2020; 10.1089/AID.2020.0029. doi:10.1089/AID.2020.0029. PMID: 32449647.
33. **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. *Front Public Health*. 2020;8:314. Published 2020 Jul 17. doi:10.3389/fpubh.2020.00314.
34. Hahn JA, Murnane PM, Vittinghoff E, Muyindike WR, Emenyonu NI, Fatch R, Chamie G, Haberer JE, Francis JM, Kapiga S, Myers B, Couture MC, DiClemente RJ, Brown JL, So-Armah K, Sulkowski M, Marcus GM, Woolf-King S, Cook RL, Richards VL, Molina PE, **Ferguson TF**, Welsh DA, Piano MR, Phillips SA, Stewart S, Afshar M, Page K, Fiellin DA, McGinnis K, Bryant K, Justice AC, Saitz R. Factors associated with phosphatidylethanol (PEth) sensitivity for detecting unhealthy alcohol use: An individual patient data meta-analysis" in its current form for publication in *Alcoholism: Clinical and Experimental Research*. *Alcoholism: Clinical and Experimental Research*. 2021 Apr 10. doi: 10.1111/acer.14611. PMID: 33837975.
35. Primeaux SD, Simon L, **Ferguson TF**, Levitt DE, Brashear MM, Yeh A, Molina PE. Alcohol use and dysglycemia among people living with human immunodeficiency virus (HIV) in the Alcohol & Metabolic Comorbidities in PLWH: Evidence Driven Interventions (ALIVE-Ex) study. *Alcohol Clin Exp Res*. 2021 Aug 2. doi: 10.1111/acer.14667. Epub ahead of print. PMID: 34342022.
36. Moitra E, Chan PA, Molina PE, Ernst F, **Ferguson TF**, Mimiaga MJ, Herman DS, Stein MD. HIV Engage—a randomized controlled efficacy trial of an acceptance-based behavioral therapy intervention to improve retention in care for HIV treatment naïve patients: study protocol. *Contemporary Clinical Trials*. (In Press)

Under Review

1. Rosen EM, Primeaux S, Simon L, Welsh DA, Molina PE, **Ferguson TF**. Associations of Binge Drinking and Heavy Alcohol Use on Sugar and Fat Intake in a Cohort of Southern People Living with HIV. *Alcohol and Alcoholism*
2. Bourgeois BL, Lin H, Yeh AY, Levitt DE, Primeaux SD, **Ferguson TF**, Molina PE, Simon L. Unique Circulating MicroRNA Associations with Dysglycemia in People Living with HIV and Alcohol Use. *Alcohol Clin Exp Res*
3. Levitt DE, **Ferguson TF**, Primeaux SD, Zavala JA, Ahmed, J; Marshall RH, Simon L, Molina PE. Skeletal Muscle Bioenergetic Health and Function in People Living with HIV: Association with Glucose Tolerance and Alcohol Use. Molina. *Nutrition & Metabolism*
4. Madkour AS, Felker-Kantor E, Molina PE, Welsh DA, Theall K, **Ferguson TF**. Lifetime Alcohol Use Trajectories and Health Status Among Persons Living with HIV (PLWH). *Journal of Studies on Alcohol and Drugs*
5. **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*.
6. Legeai D, Peters ES, Nugent NR, **Ferguson TF**, Rung A. Influence of neighborhood environment on internalizing problems in adolescents. *Social Psychiatry and Psychiatric Epidemiology*
7. 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*.

In-Preparation

1. **Ferguson TF**, Beckett S, Harbin B, Ernst F, Molina PE. Perceived Benefits of the Wellness Through Empowerment, Learning, and Living (WELL) Program Among People Living with HIV with Risky Alcohol Use. *AIDS Behavior*
2. **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.
3. **Ferguson TF**, Danos DM, Leonardi C, Yu W, Wu X, Scribner RA. Association of Concentrated Disadvantage with Cancer Incidence in Louisiana. *Frontiers In Oncology*.
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**, Udaya-Kumar S, Kennedy B. Breast Cancer Patients Perceptions of Chemotherapy and Cardiotoxicity.

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. **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.
2. **Ferguson TF** and Scharff D. ACT Now Self-Management and Hypertension Control in African American Men Utilizing a Health Coach. May 2010.
3. **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.
4. **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.
5. **Ferguson TF**, Elliot M, Scharff D, M Bocox, Roark K. 2010 Saint Louis County Communities Putting Prevention to Work YRBS Brief Report. September 2011.
6. Scharff D, **Ferguson TF**, M Bocox. 2011 Saint Louis County Communities Putting Prevention to Work Qualitative Interview Executive Report and Summary. December 2011.
7. Scharff D, **Ferguson TF**, M Bocox. 2012 Saint Louis County Communities Putting Prevention to Work Qualitative Interview Executive Report and Summary. April 2012.
8. 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.

9. 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.
10. 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.
11. 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.
12. Rickett 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.
13. **Ferguson TF**, Rickett IM, Egger A, Bourgeois B, Jones-Jack N. Opportunity for Hospitals in Louisiana to Increase Tobacco Cessation. August 2014.
14. Rickett 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.
15. 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.
16. **Ferguson TF**, Johnson J, Plowe J, Tseng TS, Culbertson D, Trapido E, Walker C. LSU HSCD Quality Improvement Project: Improving Diabetes Retinopathy Referrals, 2108. Health Care Services Division.

Published Abstracts and Poster Presentations

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; New Orleans, Louisiana. 1995/
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; New Orleans, Louisiana. 1995.

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. New Orleans, Louisiana. 1996.
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. Atlanta, Georgia. 1999.
5. **Freeman T**, Stewart K, Funkhouser E, Saag MS. Racial Differences in Barriers to Anti-Retroviral Adherence. American Public Health Association 127th Annual Meeting. Chicago, Illinois. 1999.
6. Yan LL, Liu K, Matthews KA, Daviglus 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. Chicago, Illinois. 2002.
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. St. Louis, Missouri. 2003.
8. **Ferguson TF**. A Quick Look at Quality Control. Graduate Course: Statistical Quality Control. Department of Mathematics, University of West Florida. Pensacola, Florida. 2007
9. **Ferguson TF**. Metabolic Syndrome and Coronary Artery Risk in Young Adults. National Medical Association Region V/Mound City Medical Forum Joint Conference. St. Louis, Missouri. 2010.
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. Boston, Massachusetts. October 2011.
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. San Diego, California. February 2013.
12. BM Lyons, N Jones-Jack, IM Rickett, **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. New Orleans, Louisiana. March 2013.
13. **TF Ferguson**, M Brasher, L Zang. Improving Medical Effectiveness and Health Outcomes to Achieve Health Equity Through Interprofessional Collaborations. New Orleans, Louisiana. March 2013.
14. IM Rickett, TW Carton, BM Lyons, **TF Ferguson**. Disparities in Tobacco Normalization and Smoking Susceptibility. Xavier University Sixth Health Disparities Conference. New Orleans, Louisiana. 2013.
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. New Orleans, Louisiana. March 2013.

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. Baton Rouge, Louisiana. April 2013.
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. Baltimore, Maryland. May 2013.
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. Portland, Oregon. June 2013.
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. New Orleans, Louisiana. 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. Boston, Massachusetts. November 2013.
21. **TF Ferguson**. Surveillance Gives Clues to Tobacco Prevention in Youth. National Minority Research Symposium on Tobacco & Addictions. Little Rock, Arkansas. May 2014.
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.. San Antonio, Texas. November 2014
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. New Orleans, Louisiana. November 2014.
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. New Orleans, Louisiana. November 2014.
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. Baltimore Harbor, Maryland. December 2014.
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. New Orleans, Louisiana. March 2015.
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. New Orleans, Louisiana. June 2015.
28. **TF Ferguson**. Progress of CARC/ALIVE Translational Data Collection. Alcohol & Drug Abuse Center of Excellence 7th Semi-Annual Retreat. New Orleans, Louisiana. 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, Copenhaver 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 (NIDDK) 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 (NIDDK) 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.
76. White W, McDaniel L, Brashear M, Molina PE, **Ferguson, TF**. Examining Self-Efficacy and Readiness to Change in Regards to Alcohol Use Disorders: the WELL Program. Philadelphia, Pennsylvania. American Public Health Association. November 2019.
77. **Ferguson TF**, Theall K, Welsh DW, Molina PE. Multilevel Analysis of Concentrated Neighborhood Disadvantage and Cardiometabolic Factors in People Living with HIV . American Heart Association, EPI/Lifestyle 2018 Scientific Sessions. Phoenix, Arizona. March 2020.

78. **Ferguson TF**, Simon L, Theall K, Welsh DW, Molina PE. Cardiometabolic Factors Associated with Alcohol Use: the New Orleans Alcohol Use in HIV Study. American Heart Association, EPI/Lifestyle 2018 Scientific Sessions. Phoenix, Arizona. March 2020.
79. Simon L, Levitt D, **Ferguson TF**, Lin HY, Brashear M, Welsh DA, Molina PE. Factors Influencing Metabolic Homeostasis In Persons Living with HIV: Implication of Alcohol Use. 43rd Annual Research Society on Alcoholism Scientific Meeting; New Orleans, Louisiana. USA, June 20-24, 2020. (Accepted and transition to Virtual)
80. Edwards S, **Ferguson TF**, Gunaldo T, Molina PE. Evidence that Interprofession Education (IPE) Reduces Stigma and Improves Confidence in the Future Team-Based Treatment of Alcohol Use Disorder. 43rd Annual Research Society on Alcoholism Scientific Meeting; New Orleans, Louisiana. USA, June 20-24, 2020. (Accepted and transition to Virtual)
81. Yeh A, Levitt D, Primeaux S, Brashear M, **Ferguson TF**, Molina PE, Simon L. Circulating Muscle-Enriched Micro RNAs in Persons Living with HIV: Associations with Alcohol Use. 43rd Annual Research Society on Alcoholism Scientific Meeting; New Orleans, Louisiana. USA, June 20-24, 2020. (Accepted and transition to Virtual)
82. Pulgarin SG, Rosen EM, Mejia A, Arias WH, Zambrano YT, Orozco CA, Borrero M, Ossa A, Navarro E, Rodas Y, Jaramillo R, Rinaldi S, Romieu I, Torres G, Porter P, Sanchez GI, **Ferguson TF**, Molina PE. Association of Alcohol Use and Breast Cancer by Menopausal Status Among Colombian Women. 43rd Annual Research Society on Alcoholism Scientific Meeting; New Orleans, Louisiana. USA, June 20-24, 2020. (Accepted and transition to Virtual)
83. Rosen ER, Theall K, Simon L, Ronis M, Welsh DA, Molina PE, **Ferguson TF**. Biopsychosocial Predictors of Liver Injury Among African-Americans Living with HIV: Differences by Alcohol Drinking Intensity Measured by Phosphatidylethanol (PETH). 43rd Annual Research Society on Alcoholism Scientific Meeting; New Orleans, Louisiana. USA, June 20-24, 2020. (Accepted and transition to Virtual)
84. **Ferguson TF**, Theall K, Welsh DA, Molina PE. Concentrated Neighborhood Disadvantage and Cardiometabolic Factors: the Mediating Role of Alcohol Use Disorder. 43rd Annual Research Society on Alcoholism Scientific Meeting; New Orleans, Louisiana. USA, June 20-24, 2020. (Accepted and transition to Virtual)
85. **Ferguson TF**, Theall K, Welsh DA, Molina PE. Psychobehavioral changes and alcohol use during the COVID-19 pandemic among people living with HIV. 23rd International AIDS Conference. (AIDS 2020: Virtual) July 6-10, 2020.

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. Atlanta, GA. 1999.
2. Molina PE, Simon L, Welsh DA, Amedee AM, Siggins RW, **Ferguson TF**, Brashear MM, Primeaux SD. Mechanisms Underlying Risk for Comorbidities Associated with At-Risk Alcohol Consumption; Metabolic Instability in Persons Living with HIV (PLWH). 42nd Annual Research Society on Alcoholism Scientific Meeting; Minneapolis, Minnesota. June 2019.
3. **Ferguson T**. Reduced Alcohol Use and Improving Coping Behaviors in Persons Living with HIV: the WELL Program. 43rd Annual Research Society on Alcoholism Scientific Meeting; New Orleans, Louisiana. USA, June 21, 2021.

Regional

4. **Ferguson TF**. 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.
5. **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
6. **Ferguson TF**. 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.

7. **Ferguson TF.** Place-Matters: Neighborhood Influences on Alcohol Use and Clinical Outcomes among PLWH. University of Florida, SHRAC Center for Translations HIV Research, Gainesville, FL. November 2019.
8. **Ferguson TF.** Biopsychosocial Approach to Understanding Alcohol and HIV in the time of COVID-19. 14th ADACE Scientific Retreat. New Orleans, LA. May 2021.
9. **Ferguson TF.** University of Washington. Addictive Behaviors Department of Psychology Seminar Speaker. Seattle, Washington. July 2021.

State

10. What are the Odds? Center for Tobacco Policy and Research, Summer Training Institute. St. Louis, MO. July 2009.
11. 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

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

University

15. *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.
16. *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.

17. *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.
18. *Rethink Your Drink: Impacts of Alcohol on Public Health*. Louisiana State University Health Sciences Center, School of Public Health. 4th First Fridays. September 2020.
19. *Understanding the Contextual and Multilevel Analysis of Alcohol Use and Co-Morbidities in People Living with HIV(PLWH)*. Louisiana State University Health Sciences Center, School of Medicine. Department of Physiology Seminar. March 2021.

Editorial Posts and Reviewer Activities

Journal Reviews

Alcohol
Alcoholism: Clinical and Experimental Research
Atherosclerosis
AIDS Behavior
Annals of Epidemiology

BioMed Central
HIV Medicine
Environmental Research and Public Health
Obesity
Public Health

Grant Review Panel

Men's Minority Health Project	2015 - 2016
LSU School of Medicine Grant Program	2020 - 2021

Conference Abstract Reviews

American Public Health Association Annual Meeting- Epidemiology Section	2014 - 2020
American College of Epidemiology	2015 - 2021
Society for Epidemiologic Research	2017

Research Competitions

LSU Veterinary School Research Data	2016 - 2017
LSU Health New Orleans Graduate Research Day	2015 - 2017
LSU Health New Orleans – Summer Research Poster Session Judge	2019
American College of Epidemiology Poster Session Judge	2019

Meetings, Panels, Workshops Led or Organized

Conference Symposium Organizer and Panel Moderator

Early Career Planning Committee for Epidemiology Congress of the Americans 2016; Miami, Florida. USA (June 2016) Early Career Forum Facilitator	2016
American College of Epidemiology (ACE) Planning Committee for the National 2020 American College of Epidemiology Annual Meeting; College Park, Maryland (September 2020) Mixed Methods Workshop Facilitator	2019 - 2020
Research Society on Alcoholism (RSA) Session. Examining and Addressing Intersections of Risk Among Drinkers Living with HIV Through Innovative Interventions. 43rd RSA Annual Scientific Meeting; New Orleans, Louisiana. USA, (June 2020) Accepted	2020
American College of Epidemiology (ACE) Education Committee Webinar (June 2020) Title: Transitioning Into the Virtual Learning Environment Webinar	2020
American College of Epidemiology (ACE) Planning Committee for the National 2021 American College of Epidemiology Annual Meeting; Virtual Meeting Theme From Womb to Tomb: insights from Health Emergencies.	2021

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
Centers for AIDS Research (CFAR) Scientific Working Group - HIV and Aging Across the Lifespan	2020

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, Epidemiology Section, Leadership committee	2013 - 2017
American Public Health Association, Epidemiology Section, International Meeting Planning Committee Member	2014
American College of Epidemiology, Planning Committee for Epidemiology Congress of the Americans 2016	2016
Cross-Cohort Collaboration Consortium National Heart Lung Blood Institute	2017 - Present
University of Arkansas at Pine Bluff Minority Research Center on Tobacco & Addiction's National Advisory Board	2019
American College of Epidemiology, 2020 National Annual Meeting Planning Committee "Advancing Health Equity - Epidemiologic Research, Education, Policy and Practice"	2019 - 2020
Research Society on Alcoholism Diversity Committee, Data Sub-Committee	2019 - Present
American College of Epidemiology, Education Committee Vice-Chairman	2019 - 2020
American College of Epidemiology, 2021 National Annual Meeting Planning Committee "From Womb to Tomb: Insights from Global Health Emergencies"	2020 - Present
American College of Epidemiology, Education Committee Chairman	2020 - Present

Research Society on Alcoholism Publications Committee	2021 - Present
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Regional Committees

Association of Women in Science – Southern Louisiana Chapter Secretary and Executive Board Member	2016 - Present 2016 -2018
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	2010 - 2011
Louisiana State University Health Science Center, Comprehensive Alcohol Research Center, Intramural Center Committee (ICC)	2015 - Present
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
Louisiana State University Health Science Center, Alcohol and Drug Abuse Center of Excellence	2015 - Present
Louisiana State University Health Science Center, Faculty Senate President Elect and then President Louisiana Health Sciences Center	2020 - 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 - 2019

Program Committees

Louisiana State University Health Sciences Center, School of Public Health, Epidemiology PhD Exam Committee –Chair	2012 - 2017
Louisiana State University Health Science Center, School of Public Health Epidemiology Faculty Assembly Rep	2016 - Present
Louisiana State University Health Sciences Center, School of Public Health, Epidemiology PhD Exam Committee	2017 - Present
Louisiana State University Health Sciences Center, School of Medicine, Department of Physiology, Perspectives in Alcohol Research Mentor	2017 - Present

Community Service Activities

National Campaign

American Heart Association Mid-West Affiliate	
Minority Council Member and Community Ambassador	2009 - Present
New Orleans American Heart Association Passion Committee	2009 - Present
AHA National Meeting Community Career Panelist	2016

Community Outreach and Education Events

African American AIDS Alliance	
Member	2009 - 2011
Chairperson	
Catholic Charities Midtown	
Board Member and Volunteer	2010
National Black HIV/AIDS Awareness Day Conference Planning Committee	2010
American Red Cross	
Certified HIV Education and Prevention Instructor	2010
Certified African American HIV Education and Prevention Instructor	2010
Certified in CPR	2013 - Present
Saint Louis Striving to Reduce Youth Violence Everywhere (STRYVE)	
Data and Assessment Committee	2011
Alpha Kappa Alpha Sorority, Incorporated	2000 - Present
Alpha Beta Omega Chapter	2012 - Present
Target IV - Environmental Ownership Chair	2016 -2018
– Direct lead to 4 Subcommittees	2019 – Present
Target II - Women’s Healthcare and Wellness Chair	
– Direct lead to 6 Health Focused Subcommittees	2013-2018
New Orleans ABO Brenda Owens Wellness Walk Planning Committee	2013-2018
– Brenda Owens Walk Registration Chair	
Women With A Vision (WWAV)	2013-2015
WWAV - Friends Planning Committee	
Celebration Church Volunteer	2014 – Present
Transformation Life Center Community Outreach Volunteer	
Life Group Leader	
Serve Day Volunteer	
American Cancer Society Volunteer	2014 - 2018

Heart N Hands – Healthy Heart Program Promotion (New Orleans, LA) Volunteer	2015, 2016, 2017
Friends of Lafitte Greenway –Environmental Ownership Volunteer	2016 - Present
St. Francis County Freeman Thanksgiving Food Pantry Drive	2017, 2019
Daughters of Charity Toys for Tots Volunteer	2017 - 2019
Food Drive Volunteer	2018 - 2019
NO AIDS Walk School of Public Health Team	2012 - 2014
Comprehensive Alcohol Research Team	2016 - 2019
CARC Alcohol Awareness Booth	2019
United Way of Mississippi Food Pantry Volunteer	2019
Black AIDS Institute: Black Women and HIV Volunteer	2019 - Present
New Orleans City Council, COVID-19 Mask Give-away Volunteer Organizer and Site Lead	2020
New Orleans Chapter of the Albert Schweitzer Fellowship Advisory Board	2020 - Present
Beacon Light Baptist Church of Hammond’s Community Conversations surrounding the COVID19 vaccine and pandemic Panel Participant Virtual -Zoom and Facebook Live	Jan 2021
Understanding the COVID-19 Vaccine: Just the Facts Delta Sigma Theta Sorority, Incorporated Panel Participant Virtual –Zoom and Facebook Live	Feb 2021