

CURRICULUM VITAE

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EDUCATION:

University of Alabama at Birmingham, Alabama	2007	Ph.D., Epidemiology
	1998	M.S.P.H., Epidemiology
Tulane University School of Public Health and Tropical Medicine New Orleans, Louisiana	1997	M.P.H., Health Communication/ Education
Tulane University, Newcomb College New Orleans, Louisiana	1996	B.S., Chemistry

EXPERIENCE:

Louisiana State University Health Science Center, New Orleans, Louisiana <i>Assistant Professor</i> School of Public Health, Epidemiology	2011 – Present
Saint Louis University, St. Louis, Missouri <i>Adjunct Assistant Professor</i> <i>Assistant Professor</i> School of Public Health, Department of Community Health/Epidemiology	2011 – 2015 2008 – 2011
University of West Florida, Pensacola, Florida <i>Adjunct Faculty</i> School of Allied Health, Department of Biology/Masters of Public Health Program	2008 – 2010
University of Alabama at Birmingham, Birmingham, Alabama. <i>Instructor</i> <i>Statistical Center Data Manager/Epidemiologist</i> School of Public Health, Department of Biostatistics and Department of Epidemiology	2002 – 2005 2003 – 2005
<i>Quality Control Consultant and Quality Control Coordinator</i> School of Medicine, Department of Preventive Medicine, Coordinating Center	2000 - 2003

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

CONSULTING

University of Miami Miller School of Medicine, Miami, Florida
Department of Public Health Sciences

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

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

HONORS:

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)
American Heart Association (Epidemiology and Prevention of Cardiovascular Disease) Tahoe Fellow 2009
University of Alabama at Birmingham Comprehensive Minority Faculty and Student Development Program Fellow (1998 - 2002)
University of Alabama at Birmingham, Delta Omega, Abstract Competition Winner (1999)
Congressional Black Caucus Public Health Fellow (1998 - 1999)
American Heart Association Student Scholar Award (1998)

TEACHING EXPERIENCE

Louisiana State University Health Sciences Center, School of Public Health
Cardiovascular Disease Epidemiology, 2017
Chronic Disease Epidemiology, 2011 - Present
Advance Epidemiology Methods I, 2012 - Present
Advance Epidemiology Methods II, 2014 - Present
Robert Wood Johnson Foundation (SHPEP) Clinical Epidemiology Laboratory, 2017- Present
Epidemiology Seminar, 2015, 2016
Capstone Preceptor
Graduate Assistant Preceptor
MPH Student Advisor
PhD Advisor, Dissertation Committee Chair, and Dissertation Committee Member
PhD Major Professor, Lu Zhang 2012 – 2017 (Dissertation Award Winner)
Postdoc Mentor

Saint Louis University, School of Public Health
Principles of Epidemiology (on-line), 2011-2012
Epidemiology Capstone, 2010 – 2011
Advance Epidemiology Methods, 2009 – 2011
Chronic Disease Epidemiology, 2008 – 2011
Principle of Epidemiology, 2008 – 2011

MPH Student Advisor
PhD Dissertation Committee Member
Graduate Assistant Preceptor

University of West Florida, School of Allied Health, Department of Biology/Masters of Public Health Program

Introduction to Public Health - Undergraduate and Graduate (on-line), 2008 – 2010
Biostatistics Prep Course (on-line), 2008 – 2009

Pensacola Junior College, Department of Mathematics
Introductory Statistics, 2007-2008

University of Alabama at Birmingham, School of Public Health, Department of Biostatistics and Department of Epidemiology

Introduction to Data Collection and Data Management, 2004-2005
Introduction to SAS Statistical Software, 2003-2005

MAIN AREA OF RESEARCH OR SCHOLARLY INTEREST:

Chronic Diseases Epidemiology - Cardiovascular disease

- Cardio toxicity of cancer chemotherapy
- Effects of Alcohol and smoking use on cardiovascular and chronic diseases
- HIV/AIDS as a chronic disease concentrating on metabolic changes and cardiovascular risks
- Increasing risk of hypertension and cardiovascular outcomes from inflammatory responses in metabolic syndrome
- Multi-level modeling and health disparities research

ONGOING RESEARCH SUPPORT

Ferguson (Pilot PI) 2017/02/01 – 2018/01/31 *Role: PI -Pilot Project*

Meade, Cathy (PI)

P30 CA076292-17S4 National Institute Health –National Cancer Institute

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.

Scribner (PI) 03/01/2016 –12/28/2018 *Role: Investigator/PI Pilot Project 1*

P20MD004817 National Institute of Minority Health and Health Disparities

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.

Ferguson (Pilot PI) 2017/01/01 – 2017/12/31 *Role: PI -Pilot Project*

1 U54 GM104940 National Institute Health - National Institute of General Medical Sciences
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 is to evaluate prospectively the pre-clinical risk and identification of early cardiac damage among breast cancer patients across chemotherapy regimens.

Molina (PI) 09/15/12 – 8/31/18 Role: Investigator/Director Data Analysis Unit

5 U01 AA021995-03, National Institute on Alcohol Abuse and Alcoholism (NIAAA)

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).

Molina (PI) 12/15/2014 – 12/14/2019 Role: Associate Director -Analytic Core

Comprehensive Alcohol Research Center (CARC)

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

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.

COMPLETED SUPPORT

Chen (PI) 06/30/13 - 06/29/2017 Role: Investigator/ Chronic Disease Epidemiologist

Centers for Disease Control and Prevention U58-DP000769

National Program of Cancer Registries

The major goals of this project are (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.

Fontham/Culbertson (PI) 11/1/11 - 06/30/2015 Role: Medical Epidemiologist Investigator

LSU's Improving Clinical Outcomes Network (LSU ICON)

The goal of this project is 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.

Ferguson (PI) 10/15/11 - 08/15/2013 Role: Principal Investigator

Louisiana Department of Health and Hospitals

Chronic Disease Prevention and Control Epidemiologist Unit

The goal of this project is 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.

Ferguson (PI) 05/15/10-05/30/2012 *Role: Principal Investigator*
Saint Louis County Health Department

CDC Communities Putting Prevention to Work (CPPW) Evaluation team

The goal of this project is 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.

Ferguson (PI) 03/01/09 - 03/30/2010 *Role: Principal Investigator*
Ryan White Part A Funding St. Louis Health Department

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

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

Benavente (PI) 12/01/03 – 10/30/05 *Role: Statistical Center Program Manager/
NIH/NINDS 2 U01 NS38529-04A1* *Data Manager/Epidemiologist*

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.

Moreland (PI) 05/01/04 - 10/30/05 *Role: Statistical Center Program Manager/
Amgen, Barr Pharmaceuticals* *Data Manager*

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.

Williams (PI) 03/01/2000 – 03/31/2003 *Role: Quality Control Coordinator/
NIH/NHLBI* *Trainer/Consultant*

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.

PUBLICATIONS:

Greenberg SS, Lancaster JR, Xie J, Saphie 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.

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.

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.

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.

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

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

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. *J Urol*, 2012; 188 (4 SUPPL.), 1572-1576. PMID: PMC3722896

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

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

Gaston S, Rung A, **Ferguson TF**, Nugent A, Peters E, Trapido E. Exploring Heterogeneity and Correlates of Depressive Symptoms in the Women and Their Children's Health (WaTCH) Study. *Journal of Affective Disorders*. *Journal of Affective Disorders*, 2016; 205, 190-199. JAD8346.

Gaston S, Volaufova J, **Ferguson TF**, Nugent A, Trapido E, Peters E, Rung A. 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. DOI 10.1007/s00127-017-1412-y

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: PMC5806079

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

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, 1-9.

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. *Annals of Epidemiology*. In press.

Under Review:

Gaston SA, Tolve 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. *Childhood Obesity*.

Ferguson TF, Danos DM, Leonardi C, Yu W, Wu X, Scribner RA. Association of Concentrated Disadvantage with Cancer Incidence in Louisiana. *Frontiers In Oncology*.

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.

In Progress:

Ferguson TF, Straif-Bourgeois S, Maloney P, Fang Z, Brashear M, Besch CL. Aging and Chronic Illnesses Among South Louisiana People Living with HIV/AIDS, 2002-2012.

Ferguson TF, Udaya-Kumar S, Kennedy B. Breast Cancer Patients Perceptions of Chemotherapy and Cardiotoxicity.

Ferguson TF, Hayes C, Gillory D, Gilchrist C. Moody-Thomas S. Impact And Benefit Of Participation In A Patient-Centered Medical Home (PCMH) Collaborative On Medical Home Designation.

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.

Ferguson TF, Miele L, Davila-Roman V. A Review of Genes Associated with Cardiotoxicity in Breast Cancer Anthracycline Therapy.

Ferguson TF, Zhang L, Brashear M, Arcement A, Smart F. Variations in Implantable Cardioverter Defibrillator Utilization in the Louisiana Health System.

Ferguson TF, Cole L, Brashear M, Peters E. An Increase in Induction Chemotherapy Could Result in an Increase in Survival among Head and Neck Cancer Patients in Louisiana

Ferguson TF, Ricket IM, Carton T, Jones-Jack N. Disparities in Tobacco Normalization and Smoking Susceptibility Among Youth in Louisiana.

Gaston S, Jones-Jack N, Lyons B, **Ferguson TF**. Disparity and Correlates of Physical Activity in Pregnant Women. *Journal of MidWifery*.

Ferguson TF, Scharff D, Wiese A, Elliott M. Coach model decrease barriers to treatment in the Awareness Control and Treatment (ACT) Now project.

Brianna ML, Jones-Jack N, Valliere CP, **Ferguson TF**. Where the Garden and the Concrete Meet: Decreasing Food Deserts in Ouachita Parish.

BOOK CHAPTERS:

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 REPORTS:

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.

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.

Ferguson TF, Elliot M, Scharff D, M Bocox, Roark K. 2010 Saint Louis County Communities Putting Prevention to Work YRBS Brief Report. September 2011.

Scharff D, **Ferguson TF**, M Bocox. 2011 Saint Louis County Communities Putting Prevention to Work Qualitative Interview Executive Report and Summary. December 2011.

Scharff D, **Ferguson TF**, M Bocox. 2012 Saint Louis County Communities Putting Prevention to Work Qualitative Interview Executive Report and Summary. April 2012.

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.

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.

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.

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.

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.

TF Ferguson, IM Ricket, A Egger, B Bourgeois, N Jones-Jack. Opportunity for Hospitals in Louisiana to Increase Tobacco Cessation. August 2014.

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.

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.

ABSTRACTS AND PRESENTATIONS:

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.

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.

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.

Theall K, Wallace M. **Ferguson T**. Brashear M, Welsh D, Molina P. American College of Epidemiology Annual National Meeting; New Orleans, Louisiana. September 2017.

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.

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.

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.

Gaston SA, Tolve 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.

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

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

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

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

Gaston SA, Tolve NS, **Ferguson TF**. American Heart Association, Scientific Council on Epidemiology and Lifestyle Conference, Portland, Oregon. March 2017.

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.

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.

Zhang L, Yu Q, Wu XC, Hsieh M, Loch M, Chen VW, Fonham 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.

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.

TF Ferguson. Progress of CARC/ALIVE Translational Data Collection. Alcohol & Drug Abuse Center of Excellence 7th Semi-Annual Retreat. May 2016.

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.

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.

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.

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.

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.

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.

TF Ferguson. Surveillance Gives Clues to Tobacco Prevention in Youth. National Minority Research Symposium on Tobacco & Addictions. May 2014. Little Rock, Arkansas.

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.

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.

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.

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.

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.

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.

IM Ricket, TW Carton, BM Lyons, **TF Ferguson**. Disparities in Tobacco Normalization and Smoking Susceptibility. Xavier University Sixth Health Disparities Conference.

Improving TF Ferguson, M Brasher, L Zang. Medical Effectiveness and Health Outcomes to Achieve Health Equity Through Interprofessional Collaborations. March 2013. New Orleans, Louisiana.

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.

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.

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.

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.

Ferguson TF. A Quick Look at Quality Control. Graduate Course: Statistical Quality Control. Department of Mathematics, University of West Florida, 2007, Pensacola, Florida.

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.

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.

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.

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.

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.

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.

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.

Guest Lectures and Colloquium Presentations:

- 2017- *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). Summer 2017.
- 2016- *Progress of CARC/ALIVE Translational Data Collection*. Louisiana State University Health Sciences Center, Alcohol and Drug Abuse Center of Excellence 7th Scientific Retreat. Spring 2016.
- 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, Epidemiology Seminar, Fall 2016.
- 2016- *Chronic Disease Around the World: CVD, Diabetes*. Louisiana State University Health Sciences Center, School of Public Health, Introduction to Global Public Health (PUBP -6300) Fall 2016.
- 2016- *Introduction to Community Based Participatory Research*. Louisiana State University Health Sciences Center, School of Public Health, Social Epidemiology Course (EPID – 6223) Spring 2016.
- 2014- *Multiple Methods Investigating Cardiovascular Disease Risk*. Louisiana Public Health Institute, Division of Evaluation and Research. New Orleans, LA. September 27, 2014.
- 2014- *Introduction to Community Based Participatory Research*. Louisiana State University Health Sciences Center, School of Public Health, Social Epidemiology Course (EPID – 6223) Spring 2014.
- 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) Spring 2012.
- 2012- *Bases of Community Based Participatory Research*. Louisiana State University Health Sciences Center, School of Public Health, Social Epidemiology (EPID – 6223) Spring 2012.
- 2011- *Case Managers Needs Assessment* . Ryan White Metro St. Louis HIV Health Services Planning Council. St. Louis, MO. January 12, 2011.
- 2010- *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 29, 2010.
- 2010 – *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 17, 2010.
- 2009- *What are the Odds?* Center for Tobacco Policy and Research, Summer Training Institute. St. Louis, MO July 24, 2009.

UNIVERSITY SERVICE:

Louisiana State University Health Science Center School of Public Health

- 2012 - Epidemiology PhD Exam Committee –Chair
- 2012 - 2014 Recruitment and Open House Committee – Chair
- 2012 - 2016 By-Laws, Nominations, and Election Committee -Chair
- 2013- 2017 Grievance Committee
- 2014 Education Strategic Planning Committee
- 2016- Faculty Assembly Rep
- 2016- Administrative Council
- 2016- Faculty Senator, Louisiana Health Sciences Center

Saint Louis University

- 2009 – 2011 School of Public Health Marshall
- 2009 – 2011 President’s Diversity Council
- 2009 – 2011 Recruitment and Retention: Diverse Faculty and students Task Force
- 2008 – 2011 School of Public Health Division of Epidemiology Admissions Officer
- 2010 National Children’s Study Principal Investigator Search Committee
- 2010 Presidential Award Proposal Reviewer
- 2008 – 2009 Education Strategy Sub-committee

University of West Florida

- 2007 – 2009 Master of Public Health Steering Committee

COMMUNITY SERVICE:

American Heart Association Mid-West Affiliate

- Minority Council Member and Community Ambassador 2009 – 2011
- New Orleans American Heart Association Passion Committee

African American AIDS Alliance

- Member 2009 - Present
- Chairperson 2010 - 2011

American Red Cross

- Certified HIV Education and Prevention Instructor 2010
- Certified African American HIV Education and Prevention Instructor 2010
- Certified in CPR 2013- Present

Catholic Charities Midtown

- Board Member and Volunteer 2009 – 2011

Heart N Hands

- Volunteer 2015, 2016, 2017

Louisiana Department of Health and Hospitals

- Community Transformation Grant Steering Committee 2012-2013
- LA Chronic Disease Prevention and Control Leadership Group 2012- 2014
- Coordinated Chronic Disease Epidemiology and Evaluation Workgroup 2012-2013

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

St. Louis Regional Planning Council

Needs Assessment Committee Member 2009

Education and Prevention Committee Member 2010

Saint Louis Striving to Reduce Youth Violence Everywhere (STRYVE) Data and Assessment
Committee 2011

Women and Girls HIV/AIDS Conference Planning Committee 2010 – 2011

Women With A Vision

Board Member 2014

Friends Planning Committee 2013 - Present

2010 National Black HIV/AIDS Awareness Day Conference Planning Committee 2010

PROFESSIONAL SERVICE:

American College of Epidemiology:

Planning Committee for Epidemiology Congress of the Americans 2016

American Heart Association:

Interdisciplinary Committee on Prevention 2010 – 2013

Publication Committee 2011 – 2012

American Public Health Association

Epidemiology Section Member – Present

Leadership Committee – 2013 - 2016

Association of Women in Science – Southern Louisiana Chapter

Secretary-Present

Journal Reviewer

Atherosclerosis

AIDS Behavior

Annals of Epidemiology

BioMed Central

HIV Medicine