





Joyonna
Gamble-George, Ph.D.

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Curriculum Vitae

EDUCATION/RESEARCH TRAINING

Rory Meyers College of Nursing, New York University (NYU), New York, NY Postdoctoral Research Training <i>"Human Behavioral Mechanisms of HIV Risk, Mental Health, and Substance Use and Misuse"</i> <u>Advisors:</u> Gregory P. Falkin, Ph.D. and George De Leon, Ph.D.	2020–Present
Office of Clinical Research, National Institutes of Health, Bethesda, MD Curriculum Certificate with Commendation, Clinical Research	2019–2020
McKnight Brain Institute, University of Florida, Gainesville, FL Postdoctoral Research Training <i>"Cellular Mechanisms of Parkinson's Disease, Drug Addiction, and HIV-1 Infection"</i> <u>Advisor:</u> Habibeh Khoshbouei, Pharm.D., Ph.D.	2016–2018
Howard Hughes Medical Institute/Vanderbilt University, Nashville, TN Certificate, Molecular Medicine	2013-2016
Vanderbilt University School of Medicine, Nashville, TN Doctor of Philosophy, Neuroscience <i>"Behavioral and Synaptic Effects of Endocannabinoid Augmentation in Affective Pathology"</i> <u>Advisor:</u> Sachin Patel M.D., Ph.D.	2011–2016
University of South Florida (USF) Morsani College of Medicine, Tampa, FL Graduate Certificate, Health Sciences <i>"Molecular Mechanisms in Alzheimer's Disease and Post Traumatic Stress Disorder"</i> <u>Advisor:</u> Valentina Echeverria Moran, Ph.D. <i>"Educational Interventions for Chronic Disease Disparities in Rural Communities"</i> <u>Advisor:</u> John Jefferson	2006–2008
University of South Florida College of Public Health, Tampa, FL Master of Health Administration, Health Administration <i>"Quality Management, Florida's Trauma System, and Trauma Patient Outcomes"</i> <u>Advisor:</u> Barbara L. Orban, Ph.D. <i>"Interventions to Improve Patient Satisfaction and Delays in Hospital Admissions"</i> <u>Advisor:</u> Lea F. Wiggins	2003–2005
Xavier University of Louisiana, New Orleans, LA Bachelor of Science, <u>Double Major:</u> Biochemistry and Biology, <u>Minor:</u> Mathematics <i>Cum Laude</i> and Honors in Mathematics <i>"Effects of Phytochemicals on Protein Biomarkers in Human Prostate Carcinoma"</i> <u>Advisor:</u> Marion Carroll, Ph.D. <i>"Community Revitalization Using Field Surveying and Geographic Information Systems"</i> <u>Advisor:</u> Lionel C. McIntyre, Ph.D. <i>"Xenobiotic Metabolism Mechanisms Between Humans and Freshwater Organisms"</i> <u>Advisor:</u> Karen H. Watanabe, Ph.D.	1998–2003

POSITIONS

RESEARCH:

Clinical Research Recommendation Committee Fellow and Co-Lead Special Populations Research Forum, National Institutes of Health <u>Project:</u> Systematic review of evidence-based strategies that increase the participation of historically excluded racial and ethnic groups in clinical trials <u>Advisors:</u> Lola Olufemi, Ph.D. and Joan Greve, Ph.D.	2021
Postdoctoral Research Fellow Behavioral Sciences Training in Drug Abuse Research Program Rory Meyers College of Nursing, New York University <u>Projects:</u> (1) Psychosocial drivers of drug-seeking and HIV risk behaviors in illicit and prescription drug users using qualitative and quantitative methodologies; (2) COVID-19 pandemic effects on associations between ethnic identity, religiosity, alcohol or cannabis consumption, social media use, and negative psychological and social factors; and (3) Neural and genetic correlates of caregiver adversity in previously institutionalized youth that were internationally adopted into the United States using magnetic resonance brain imaging, clinical assessments of psychopathology, and allelic variation testing in genes involved in stress responses <u>Advisors:</u> Gregory P. Falkin, Ph.D. and George De Leon, Ph.D.	2020-Present
User Experience (UX) and User Interface (UI) Designer and Researcher STEM-Away®, Virtual <u>Project:</u> User accessibility and usability of navigation bar on STEM-Away platform <u>Advisors:</u> Katyayani Singh and Zoey Vu	2020
Postdoctoral Research Associate Neuroscience Department, University of Florida <u>Projects:</u> (1) Methamphetamine and HIV-1 Tat-induced cellular toxicity in microglia and dopaminergic neurons; (2) Sex and brain region specific microglia morphology changes during brain development; and (3) Alpha synuclein triplication effects on firing patterns of human induced pluripotent stem cell-derived midbrain dopaminergic neurons <u>Advisor:</u> Habibeh Khoshbouei, Pharm.D., Ph.D.	2016-2018
Graduate Research Assistant Psychiatry Department, Vanderbilt University <u>Project:</u> Augmented endocannabinoid signaling in affective disorder pathology <u>Advisor:</u> Sachin Patel, M.D., Ph.D.	2011-2016
Graduate Research Assistant Neurology Department, Vanderbilt University <u>Project:</u> RICTOR (RPTOR independent companion of MTOR, complex 2) knockout, and beta adrenergic and norepinephrine transporter inhibition effects on epileptiform complexes in mice <u>Advisor:</u> Martin J. Gallagher, M.D., Ph.D.	2011
Graduate Research Assistant Psychiatry Department, Vanderbilt University <u>Project:</u> Full-length and headless myosin X function in dendritic spine and synapse development in cultured hippocampal neurons <u>Advisor:</u> Donna J. Webb, Ph.D.	2011

<p>Graduate Research Assistant Biological Sciences Department, Vanderbilt University <u>Project:</u> Fgf signaling in left-right brain asymmetry development and governing cell fate in the zebrafish pineal complex <u>Advisor:</u> Joshua T. Gamse, Ph.D.</p>	2011
<p>Lab Manager and Research Assistant Physiology Department, Meharry Medical College <u>Project:</u> Molecular and synaptic mechanisms of subchronic methamphetamine <u>Advisor:</u> Habibeh Khoshbouei, Pharm.D., Ph.D.</p>	2009-2011
<p>Interdisciplinary Community Health Scholar Gulfcoast South Area Health Education Center <u>Projects:</u> (1) Facilitators and barriers to implementation of interactive health educational interventions in pre-teens and teens during a teen empowerment program; (2) Development and implementation of a healthy nutrition and physical activity program in camp youth; and (3) health needs and barriers assessment to affordable, accessible healthcare in seniors and low-income family members at USDA food distributions. <u>Advisor:</u> John Jefferson</p>	2008
<p>Biological Science Lab Technician Veterans Affairs Bay Pines Healthcare System <u>Projects:</u> (1) Molecular mechanisms of cRaf-1 inhibitors, caffeine, and cotinine in a mouse model carrying a transgene that codes for an isoform of human Alzheimer β-amyloid precursor protein; and (2) Behavioral and molecular effects of cotinine in a mouse model of post-traumatic stress disorder <u>Advisor:</u> Valentina Echeverria Moran, Ph.D.</p>	2007-2009
<p>Health System Specialist Central Alabama Veterans Health Care System Summer Enrichment Program, Institute for Diversity and Health Equity, American Hospital Assoc. <u>Project:</u> Strategic planning and implementation to improve patient-provider relationships and delays in patient hospital admissions in a medical center <u>Advisor:</u> Lea F. Wiggins</p>	2005
<p>Graduate Research Assistant Health Policy and Management Department, University of South Florida <u>Project:</u> Quality management case studies and assessment of Florida's trauma system to guide its future development and improve patient outcomes <u>Advisor:</u> Barbara L. Orban, Ph.D.</p>	2004-2005
<p>Geographic Information Systems (GIS) Specialist Urban Technical Assistant Project, Columbia University <u>Projects:</u> (1) Demographic data extraction from large U.S. Census Bureau data sets for Gert Town, a neighborhood in the 16th Ward of New Orleans, Louisiana; and (2) Community revitalization and housing development of Gert Town's blighted and abandoned housing and other infrastructures in the community through urban planning technical assistance, performing physical surveys, and using GIS <u>Advisor:</u> Lionel C. McIntyre</p>	2003
<p>Undergraduate Research Assistant Chemistry Department, Xavier University of Louisiana <u>Project:</u> Protein marker profiling in human prostate carcinoma after exposure to varied concentrations of the phytochemicals, <i>Serenoa repens</i> and <i>Glycyrrhiza glabra</i> <u>Advisor:</u> Marion Carroll, Ph.D.</p>	2003

Undergraduate Research Assistant	2001
Environmental Health Sciences Department, Tulane University Louis Stokes Louisiana Alliance for Minority Participation Program <u>Project</u> : Comparison of xenobiotic metabolism mechanisms between humans and freshwater organisms <u>Advisor</u> : Karen H. Watanabe, Ph.D.	
OTHER:	
Health Scientist/AAAS Science and Technology Policy Fellow	2019-2021
National Institutes of Health (NIH) National Heart, Lung, and Blood Institute (NHLBI) Center for Translation Research and Implementation Science (CTRIS) Office of the Director (OD), Office of Science Policy (OSP)	
Chief Operations, Scientific, and Medical Officer	2015-2021
SciX, LLC	
Executive Director for Graduate Life	2006-2007
University of South Florida Graduate School	
Pathology Specimen Processing Assistant	2002-2003
Memorial Medical Center	
Executive Administrative Assistant to the Executive Director	2000
Youth Professional Development, Incorporated	
Data Entry Specialist for Management Information Systems (MIS) Technical Support Helpdesk	1998
Department of Veterans' Affairs Central Office, Board of Veterans' Appeals	

AFFILIATIONS

Center for Drug Use and HIV/HCV Research (CDUHR)-Affiliated Investigator	2021
New York University School of Global Public Health	
Trans-NIH Resilience Working Group	2021
National Institutes of Health	
Trans-NIH and Trans-HHS Dissemination and Implementation Research in Health Working Group	2021
National Institutes of Health	
All of Us Research Program Team	2020-2021
National Heart, Lung, and Blood Institute, National Institutes of Health	
Project Scientist	2019-2021
Implementation REsearch to DEvelop interventions for People Living with HIV Consortium <i>Multi-Site Research Initiative on Cardiopulmonary Diseases, Mental Health, and HIV (PREClUDE)</i> National Heart, Lung, and Blood Institute, National Institutes of Health	
Program Director	2019-2021
Hope for Sickle Cell Disease Challenge National Heart, Lung, and Blood Institute, National Institutes of Health	
Trans-NIH Special Populations Research Forum (SPRF)	2019-2021
SPRF Trans-NIH Funding Recommendations Working Group on COVID-19 Health Disparities, 2020 SPRF Research Emphasis Working Group on COVID-19 Health Disparities, 2020 SPRF Clinical Research Recommendation Committee (CRRC), 2021 National Institutes of Health	
HIV/AIDS Program Team	2019-2021
Translation Research and Implementation Science Team National Heart, Lung, and Blood Institute, National Institutes of Health	

Women's Health Working Group National Heart, Lung, and Blood Institute, National Institutes of Health	2019-2021
Federal Acquisition Certification-Contracting Officer's Representative (FAC-COR) Program National Heart, Lung, and Blood Institute, National Institutes of Health	2019-2021

ACADEMIC AND PROFESSIONAL ORGANIZATIONS

The Royal Society of Medicine , London, England, United Kingdom	2021-2022
American Psychopathological Association (APPA) , Washington, D.C.	2020-2021
American Heart Association (AHA) , Dallas, TX	2020-2021
Innovation Women , Lexington, MA	2020-2021
Project Management Institute (PMI) , Newtown Square, PA	2020-2021
American Society for Cell Biology (ASCB) , Rockville, MD <i>Diversity, Equity, and Inclusion Action Plan Taskforce, 2020-2021</i>	2020-2021
Society for Advancement of Chicanos/Hispanics and Native Americans in Science , Santa Cruz, CA	2019-2022
American Society for Biochemistry and Molecular Biology (ASBMB) , Rockville, MD	2019-2022
National Postdoctoral Association (NPA) , Rockville, MD <i>Associate Editor and Writer, the POSTDOCKET (Monthly Newsletter), 2018-2021</i>	2017-2021
American Association for the Advancement of Science (AAAS) , Washington, D.C. <i>AAAS IF/THEN® Ambassador, 2019-2021</i>	2011-2021
International Cannabinoid Research Society (ICRS) , Winston-Salem, NC	2012-2020
Society for the Psychological Study of Social Issues (SPSSI) , Washington, D.C.	2017-2021
American Society for Pharmacology and Experimental Therapeutics (ASPET) , Bethesda, MD	2010-2021
International Behavioral Neuroscience Society (IBNS) , Bandera, TX	2010-2021
Society for Experimental Biology and Medicine (SEBM) , Washington, D.C.	2010-2021
Society for Neuroscience (SfN) , Washington, D.C. <i>Early Career Policy Ambassador, 2018-2019</i>	2008-2021
Greater Tampa Chamber of Commerce , Tampa, FL <i>Emerging Leaders of Tampa Bay, 2007-2008</i>	2007-2008
American Society for Microbiology (ASM) , Washington, D.C.	2005-2021
USF Graduate and Professional Student Council , Tampa, FL <i>President, 2006-2007</i>	2005-2007
University of South Florida Student Government , Tampa, FL <i>Senator for University of South Florida College of Public Health, 2005-2006</i>	2005-2006
American College of Healthcare Executives (ACHE) , Chicago, IL	2004-2021
Florida Public Health Association (FPHA) , Tampa, FL <i>Student Liaison to University of South Florida College of Public Health, 2004-2005</i>	2004-2005
American Public Health Association (APHA) , Washington, D.C. <i>National Public Health Mentoring Program Committee Co-Chair, 2006-2009</i> <i>Student Liaison to University of South Florida College of Public Health, 2004-2006</i>	2004-2021
USF College of Public Health Public Health Student Association , Tampa, FL <i>President, 2004-2005</i>	2003-2005

HONORS AND AWARDS

HONORS:

Sigma Xi (Scientific Research Honor Society)	2015
Omicron Delta Kappa Honor Society (National Leadership Honor Society) <i>Vice President, University of South Florida Circle, 2005-2006</i>	2005
Delta Omega (Honorary Society for Graduate Studies in Public Health)	2005
The Honor Society of Phi Kappa Phi (All-Discipline Honor Society)	2004
Dean's List Academic Achievement Award, Xavier University of Louisiana	2002
Alpha Kappa Mu (General Scholarship) Honor Society, Xavier University of Louisiana	2001
Phi Lambda Upsilon (Honorary Chemical Society), Xavier University of Louisiana	2001

Alpha Epsilon Delta (The Premedical Honor Society), Xavier University of Louisiana	2000
Dean's List Academic Achievement Award, Xavier University of Louisiana (2 Semesters)	2000
Dean's List Academic Achievement Award, Xavier University of Louisiana (2 Semesters)	1999
Howard Hughes Biomedical Honors Corps, Xavier University of Louisiana	1998

AWARDS:

Certificate of Appreciation for Contributions to STEM, Frontiers of Flight Museum	2021
NIH Special Act Award	2021
Nepris Trailblazer Award	2021
Special Recognition Global Award, WomenTech Network	2020
Certificate of Recognition for Contributions to STEM, WomenTech Network	2020
NHLBI Director's Award for Partnership/Collaboration, NIH NHLBI Women's Health Working Group	2020
NIH FY20 COVID-Response Group Award, CTRIS ISB COVID Rapid Response Team	2020
NIH Special Act Award	2020
Tampa Bay Business Journal 40 Under 40 Award	2020
NIH Performance Award	2020
Certificate of Appreciation, NIH Special Populations Research Forum	2020
Nepris Outstanding Volunteer Award	2020
Lewis A. Shattuck Small Business Advocate of the Year Award Finalist, National Small Business Assoc.	2019
Entrepreneur of the Year Award, The Small Business Expo	2018
SfN Neuroscience Scholars Program Grant Proposal Mentoring Award	2017
Vanderbilt University OBGAPS Msomi Award for Outstanding Scholarship	2017
Dr. Levi Watkins Jr. Student Award for Commitment to Diversity at Vanderbilt University	2016
Vanderbilt University Graduate School Graduate Student Travel Award	2016
<i>Vanderbilt Reviews Neuroscience</i> Cover Art Award	2015
Summer Program in Neuroscience, Ethics, and Survival's Symposium Travel Award	2015
National Enhancement of Underrepresented Academic Leaders Conference Travel Award	2015
International Cannabinoid Research Society Student Travel Award	2014
Howard Hughes Medical Institute/VU Medical Center Graduate Student Travel Award	2014
Vanderbilt University Graduate School Graduate Student Travel Award	2013
Vanderbilt University Graduate Student Council Travel Award	2013
Certificate of Appreciation for Oral Presentation, 13th World Congress on Public Health	2012
Frontiers in Addiction Research: NIDA Mini-Convention Travel Award	2010
Veterans Affairs 1000 Hour Award for Community Service in Neuroscience Research	2009
Veterans Affairs 500 Hour Award for Community Service in Neuroscience Research	2008
USF Health Service Corps Outstanding Student Service Leadership & Participation Award	2007
Volunteer University of South Florida Gold Award for Community Service	2007
Volunteer Standout Performance of the Year Award	2007
Volunteer University of South Florida Gold Award for Community Service	2006
University of South Florida Student Honorary Award for Research and Practice	2005
Female Student Leader of the Year Award	2005
Volunteer University of South Florida Green Award for Community Service	2005
Volunteer University of South Florida Leadership Service Award	2005
Volunteer University of South Florida Green Award for Community Service	2004
Certificate of Appreciation for Outstanding Service, Xavier University of Louisiana	2003
Youth Professional Development, Inc. Outstanding Performance Award	2000

SCHOLARSHIPS:

Udacity/Facebook Secure and Private Artificial Intelligence (AI) Challenge Scholarship	2019
Alzheimer's Drug Discovery Foundation Young Investigator Scholarship	2009
Foster G. McGaw Student Scholarship	2005
Florida Public Health Association Graduate Student Scholarship	2005
Carl A. Gelin Endowed Scholarship	2005
Harry R. Kendall Leadership Development Grant	1999

Charles E. Culpepper Scholarship	1999
United Negro College Fund (UNCF)/Giant Foods, Inc. Scholarship	1999
Xavier University Academic Scholarship	1998

FELLOWSHIPS:

NIDA Ruth L. Kirschstein Institutional National Research Service Award (NRSA) Fellowship	2020
Science and Technology Policy Fellowship, American Association for the Advancement of Science	2019
Cold Spring Harbor Laboratory Cellular Biology of Addiction Workshop, Nat'l Institute on Drug Abuse	2017
National Institute on Drug Abuse Diversity Supplement to R01 DA026947	2016
Neuroscience Scholars Program, Society for Neuroscience	2015
UNCF/Merck Graduate Science Research Dissertation Fellowship	2015
Alcoa Foundation Fellowship, 64th Lindau Nobel Laureate Meeting (Physiology/Medicine)	2014
Carl Storm Underrepresented Minority Fellowship, Gordon Research Conferences	2013
SREB-State Doctoral Scholars Program, Southern Regional Education Board (SREB)	2012
Vanderbilt Brain Institute Scholars Program	2012
Northwestern University Academy for Future Science Faculty, National Institutes of Health	2011
Initiative for Maximizing Student Diversity Program, National Institutes of Health	2011
Marine Biological Laboratory Summer Program in Neuroscience, Ethics, and Survival (SPINES), National Institute of Mental Health	2010
Leadership Fellows Program, Alpha Kappa Alpha Sorority, Inc./Tyson Foods, Inc.	2003
Robert Wood Johnson Foundation Minority Medical Education Program, Fisk University and Vanderbilt University	1999

FUNDING

PENDING:

RESEARCH SUPPORT:

Alkermes® Pathways Research Award 2022–2024

Title: “Neural Correlates of Social Connectedness in Opioid Use Disorders During Adulthood”

Source: Alkermes®

Awardee Organization: New York University, New York, NY

Total Direct Costs: \$100,000

PI: Joyonna Gamble-George

Percent Effort: 100%

MOSAIC Postdoctoral Career Transition Award to Promote Diversity (K99/R00) 2022–2027

Title: “Genetic and Neural Correlates of Social Connectedness in Substance Use During the Transition from Adolescence to Young Adulthood”

Source: National Institute on Drug Abuse (NIDA)

Awardee Organization: New York University, New York, NY

Total Direct Costs: \$1,027,000

PI: Joyonna Gamble-George

Percent Effort: 100%

NIMH Exploratory/Developmental Research Grant 2022–2024

Title: “Mitochondrial Genetic Variants of Endocannabinoid Signaling in Traumatic Stress”

Source: National Institute of Mental Health (NIMH)

Awardee Organization: New York University, New York, NY

Total Direct Costs: \$275,000

PI: Joyonna Gamble-George

Percent Effort: 100%

CDUHR Pilot Project Program 2022–2023

Title: “Racial/Ethnic Disparities in HIV/HCV Risk Behaviors in Illicit Fentanyl Users: The Role of Social Support Networks”

Source: Center for Drug Use and HIV/HCV Research (CDUHR)

Awardee Organization: New York University, New York, NY

Total Direct Costs: \$25,000

PI: Joyonna Gamble-George

Percent Effort: 100%

Center for Opioid Epidemiology & Policy Grant Program 2022–2023

Title: “Racial/Ethnic Disparities in Drug Seeking and Use Behaviors in Illicit Fentanyl Users: The Role of Social Support Networks”

Source: Center for Opioid Epidemiology and Policy (COEP)

Awardee Organization: New York University, New York, NY

Total Direct Costs: \$10,000

PI: Joyonna Gamble-George

Percent Effort: 100%

QSR International Grant for Early Career Researchers 2022–2024

Title: “HIV/HCV Risk Behaviors in Illicit Fentanyl Users”

Source: QSR International

Awardee Organization: New York University, New York, NY

Total Direct Costs: \$25,000

PI: Joyonna Gamble-George

Percent Effort: 100%

CURRENT:

RESEARCH SUPPORT:

Ruth L. Kirschstein Institutional National Research Service Award (NRSA) Fellowship 2020–Present

Title: “Behavioral Sciences Training in Drug Abuse Research”

Project Number: 5T32 DA007233-37

Source: National Institute on Drug Abuse (NIDA)

Awardee Organization: New York University, New York, NY

Total Direct Costs: \$119,936

PI: Gregory P. Falkin, PhD

Role: Postdoctoral Trainee (Award Recipient)

Percent Effort: 100%

EDUCATIONAL AND PROFESSIONAL DEVELOPMENT SUPPORT:

Scholarships to Enhance and Empower Diversity (SEED) Fund Award 2021

Title: “SEE-Diversity to Success Program at the Marine Biology Laboratory”

Source: American Psychological Foundation Minority Fellowship Program Fund for Racial and Ethnic Diversity

Awardee Organization: American Psychological Association, Washington, DC

Total Direct Costs: \$1,750

Role: Postdoctoral Trainee (Award Recipient)

Percent Effort: 100%

PAST:

RESEARCH SUPPORT:

Research Supplement to Promote Diversity in Health-Related Research 2016–2017

Title: “Methamphetamine Regulates the Dopamine Transporter via an Intracellular Mechanism”

Project Number: 3R01 DA026947-08S1

Source: National Institute on Drug Abuse (NIDA)

Awardee Organization: University of Florida School of Medicine, Gainesville, FL

Total Direct Costs: \$48,000

PI: Habibeh Khoshbouei, Pharm.D., Ph.D.

Role: Postdoctoral Trainee (Award Recipient)

Percent Effort: 100%

UNCF/Merck Graduate Science Research Dissertation Fellowship 2015–2016

Title: “Endocannabinoid Augmentation Through Substrate-Selective COX-2 Inhibition: Behavioral and Synaptic Effects in an Animal Model of Stress-Induced Anxiety”

Awardee Organization: Vanderbilt University School of Medicine, Nashville, TN

Total Direct Costs: \$40,000

PI: Joyonna Gamble-George

Percent Effort: 100%

Neuroscience Scholars Program Fellowship 2015–2017

Title: “Next-Generation Neuroscience Scholars Program”

Project Number: 5R25 NS089462-02

Source: National Institute of Neurological Disorders and Stroke (NINDS)

Awardee Organization: Society for Neuroscience, Washington, D.C.

Total Direct Costs: \$4,000 (*includes \$1,000 for Grant Proposal Mentoring Award*)

PI: Julio J. Ramirez, Ph.D.

Role: Predoctoral Trainee (Award Recipient)

Percent Effort: 100%

64th Lindau Nobel Laureate Meeting (Physiology/Medicine) Fellowship 2014

Awardee Organization: Foundation Lindau Nobel Laureate Meetings, Lindau, Germany

Source: Alcoa Foundation

Total Direct Costs: \$2,908

PI: Joyonna Gamble-George

Percent Effort: 100%

Carl Storm Underrepresented Minority (CSURM) Fellowship 2013

Title: “Cannabinoid Function in the CNS (Cannabinoids in Synapses, Circuits and the Human Brain)”

Awardee Organization: Gordon Research Conferences, West Kingston, RI

Total Direct Costs: \$600

PI: Joyonna Gamble-George

Percent Effort: 100%

SREB-State Doctoral Scholars Program Fellowship (Doctoral Award) 2013–2015

Awardee Organization: State Regional Education Board (SREB), Atlanta, GA

Total Direct Costs: \$40,500

PI: Joyonna Gamble-George

Percent Effort: 100%

Vanderbilt Brain Institute Scholars Program 2012–2013

Awardee Organization: Vanderbilt University School of Medicine, Nashville, TN

Total Direct Costs: \$26,500

PI: Joyonna Gamble-George

Percent Effort: 100%

Initiative for Maximizing Student Diversity Program 2011–2012

Title: “Initiative for Maximizing Student Development”

Project Number: 5R25 GM062459-15

Source: National Institute of General Medical Sciences (NIGMS)

Awardee Organization: Vanderbilt University School of Medicine, Nashville, TN

Total Direct Costs: \$26,000

PI: Linda Sealy, Ph.D.; Co-PI: Roger G. Chalkley, Ph.D.

Role: Predoctoral Trainee/Scholar (Award Recipient)

Percent Effort: 100%

LS-LAMP Summer Research Program 2001

Title: “Louis Stokes Louisiana Alliance for Minority Participation (LS-LAMP) Phase II”

Project Number: 0000272

Source: National Science Foundation (NSF)

Awardee Organization: Tulane University, New Orleans, LA

PI: Diola Bagayoko, Ph.D.; Co-PIs: Robert Ford, Ph.D. and Kerry Davidson, Ph.D.

Role: Undergraduate Trainee (Award Recipient)

Percent Effort: 100%

EDUCATIONAL AND PROFESSIONAL DEVELOPMENT SUPPORT:

National Institutes of Health Tuition Award 2017

Title: “CSHL Cellular Biology of Addiction Course”

Project Number: 5R13 DA019791-10

Source: National Institute on Drug Abuse (NIDA)

Awardee Organization: Cold Spring Harbor Laboratory, Cold Spring Harbor, NY

Total Direct Costs: \$1,750

PI: David J. Stewart, Ph.D.

Role: Postdoctoral Trainee (Award Recipient)

Percent Effort: 100%

The Academy for Future Science Faculty 2011-2013

Title: “Translating Theory to Practice to Diversify the Biomedical Research Community”

Project Number: DP4 GM096807-01

Source: National Institute of General Medical Sciences (NIGMS)

Awardee Organization: Society for Neuroscience, Washington, D.C.

Total Direct Costs: \$2,172

PI: Richard McGee, Ph.D.

Role: Predoctoral Trainee (Award Recipient)

Percent Effort: 100%

Summer Program in Neuroscience, Ethics, and Survival (SPINES) 2010

Title: “Training in Professional Development for Neuroscience”

Project Number: 5R25 MH055929-16

Source: National Institute of Mental Health (NIMH)

Awardee Organization: Marine Biological Laboratory, Woods Hole, MA

PI: Joseph L. Martinez, Ph.D.

Role: Predoctoral Trainee (Award Recipient)

Percent Effort: 100%

Pre-Health Summer Enrichment Program (PSEP) 2006

Title: "PSEP Educational Grant"

Awardee Organization: University of South Florida Morsani College of Medicine, Tampa, FL

Source: University of South Florida Morsani College of Medicine

Total Direct Costs: \$1,500

PI: Joyonna Gamble-George, Ph.D.

Percent Effort: 100%

Minority Medical Education Program (MMEP) 1999

Title: "UNCF Summer Premedical Institute"

Awardee Organization: Fisk University and Vanderbilt University Medical Center, Nashville, TN

Source: Robert Wood Johnson Foundation

PI: Mary E. McKelvey Welch, Ph.D.

Role: Undergraduate Trainee (Award Recipient)

Percent Effort: 100%

PUBLICATIONS

h-index: 13; i10-index: 13; Total Citations: 1039

Complete List of Published Work in My Bibliography: <https://bit.ly/3DaeX9t>

PEER-REVIEWED PRIMARY:

1. Reid, R., Lardier Jr., D., Opara, I., **Gamble-George, J.**, Cantu, I., Garcia-Reid, P. Gender Group Differences in HIV/AIDS Knowledge, Sexual Negotiation Skills, and Sexual Risk Behavior among Urban Minority Youth. *Health Education and Behavior* (in press).
2. Opara, I., Malik, S., Lardier, D.T., **Gamble-George, J.**, Kelly, R.J., Okafor, C.N., Greene, R.N., and Parisi, D. Increased Alcohol Use and Misuse among Young Adults (18-35 years old) in New York during the COVID-19 pandemic. *Journal of Substance Abuse Treatment* (2021). doi: [10.1080/07347324.2021.1950091](https://doi.org/10.1080/07347324.2021.1950091).
3. Lin, M., Mackie, P.M., Shaerzadeh, F., **Gamble-George, J.**, Miller, D.R., Martyniuk, C.J., and Khoshbouei, H. In Parkinson's patient-derived dopamine neurons, the triplication of α -synuclein locus induces distinctive firing pattern by impeding D2 receptor autoinhibition. *Acta Neuropathologica Communications* (2021), 9(1):107. doi: [10.1186/s40478-021-01203-9](https://doi.org/10.1186/s40478-021-01203-9). PMID: 34099060.
4. Miller, D.R., Shaerzadeh, F., Phan, L., Sharif, N., **Gamble-George, J.**, McLaughlin, J.P., Streit, W.J., and Khoshbouei, H. HIV-1 Tat regulation of dopamine transmission and microglial reactivity is brain region specific. *Glia* (2018), 00:1-14. doi: [10.1002/glia.23447](https://doi.org/10.1002/glia.23447). PMID: 29733459.
5. **Gamble-George, J.C.**, Baldi, R., Halladay, L., Kocharian, A., Silva, C., Roberts, H., Haymer, A., Marnett, L.J., Holmes, A., and Patel, S. Cyclooxygenase-2 inhibition reduces stress-induced affective pathology. *eLife* (2016), 5: e14137. doi: [10.7554/eLife.14137](https://doi.org/10.7554/eLife.14137). PMID: 27162170.
6. Bluett, R.J.*, **Gamble-George, J.C.***, Hermanson, D. J., Hartley, N.D., Marnett, L. J., and Patel, S. Central anandamide deficiency predicts stress-induced anxiety: behavioral reversal through endocannabinoid augmentation. *Translational Psychiatry* (2014), 4: e408. doi: [10.1038/tp.2014.53](https://doi.org/10.1038/tp.2014.53). PMID: 25004388. *These authors contributed equally to the manuscript.
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8. Butler, B., **Gamble-George, J.**, Prins, P., North, A., Clarke, J.T., Khoshbouei, H. Chronic Methamphetamine Increases Alpha-Synuclein Protein Levels in the Striatum and Hippocampus but not in the Cortex of Juvenile Mice. *Journal of Addiction & Prevention* (2014), 2(2): pii: 6. PMID: 25621291. PMCID: [PMC4303106](https://pubmed.ncbi.nlm.nih.gov/PMC4303106/).
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10. **Gamble-George, J.C.**, Conger, J.R., Hartley, N.D., Gupta, P., Sumislawski, J.J., and Patel, S. Dissociable effects of CB1 receptor blockade on anxiety-like and consummatory behaviors in the novelty-induced hypophagia test. *Psychopharmacology (Berl)* (2013), 228(3):401-9. doi: [10.1007/s00213-013-3042-8](https://doi.org/10.1007/s00213-013-3042-8). PMID: 23483200.
11. North, A.*, Swant, J.*, Salvatore, M. F., **Gamble-George, J.**, Prins, P., Butler, B., Mittal, M. K., Clark, J., Hasting, R., Khoshbouei H. Chronic methamphetamine exposure produces a delayed, long-lasting memory deficit. *Synapse* (2013), 67(5):245-57. doi: [10.1002/syn.21635](https://doi.org/10.1002/syn.21635). PMID: 23280858. *These authors contributed equally to the manuscript.
12. Gunduz-Cinar, O., MacPherson, K.P., Cinar, R., **Gamble-George, J.**, Sugden, K., Williams, B., Godlewski, G., Ramikie, T.S., Gorka, A.X., Alapafuja, S.O., Makriyannis, A., Poulton, R., Patel, S., Hariri, A.R., Caspi, A., Moffitt, T.E., Kunos, G., and Holmes, A. Convergent translational evidence of a role for anandamide in amygdala-mediated fear extinction, threat processing, and stress-reactivity. *Molecular Psychiatry* (2013), 18(7):813-23. doi: [10.1038/mp.2012.72](https://doi.org/10.1038/mp.2012.72). PMID: 22688188.
13. Swant, J., Goodwin, J.S., North, A., Ali, A.A., **Gamble-George, J.**, Chirwa, S., and Khoshbouei, H. α -Synuclein stimulates a dopamine transporter-dependent chloride current and modulates the activity of the transporter. *Journal of Biological Chemistry* (2011), 286(51):43933-43. doi: [10.1074/jbc.M111.241232](https://doi.org/10.1074/jbc.M111.241232). PMID: 21990355.
14. Echeverria, V., Burgess, S., **Gamble-George, J.**, Zeitlin, R., Lin, X., Cao, C., and Arendash, G.W. Sorafenib inhibits nuclear factor kappa B, decreases inducible nitric oxide synthase, and cyclooxygenase-2 expression, and restores working memory in APPswe mice. *Neuroscience* (2009), 162(4):1220-1231. doi: [10.1016/j.neuroscience.2009.05.019](https://doi.org/10.1016/j.neuroscience.2009.05.019). PMID: 19447162.
15. Echeverria, V., Burgess, S., **Gamble-George, J.**, Arendash, G.W., and Citron, B.A. Raf inhibition protects cortical cells against β -amyloid toxicity. *Neuroscience Letters* (2008), 444(1):92-96. doi: [10.1016/j.neulet.2008.07.092](https://doi.org/10.1016/j.neulet.2008.07.092). PMID: 18706973.

REVIEWS:

1. Greenwood, G.L., Wilson, A., Bansal, G.P., Barnhart, C., Barr, E., Berzon, R., Boyce, C.A., Elwood, W., **Gamble-George, J.**, Glenshaw, M., Henry, R., Lida, H., Jenkins, R.A., Lee, S., Malekzadeh, A., Morris, K., Perrin, P., Rice, E., Sufian, M., Weatherspoon, D., Whitaker, M., Williams, M., Zwierski, S., and Gaist, P. HIV-Related Stigma Research as a Priority at the National Institutes of Health. *AIDS and Behavior* (2021), 35(7):358-67. doi: [10.1007/s10461-021-03260-6](https://doi.org/10.1007/s10461-021-03260-6). PMID: 33886010.
2. Varagic, J., Desvigne-Nickens, P., **Gamble-George, J.**, Hollier, L., Maric-Bilkan, C., Mitchell, M., Pemberton, V., and Redmond, N. Maternal Morbidity and Mortality: Are We Getting to the "Heart" of the Matter? *Journal of Women's Health* (2020), 00(00):1-9. doi: [10.1089/jwh.2020.8852](https://doi.org/10.1089/jwh.2020.8852). PMID: 3325974.
3. **Gamble-George, J.C.**, Longenecker, C.T., Webel, A.R., Au, D.H., Brown, A.F., Bosworth, H., Crothers, K., Cunningham, C.E., Fiscella, K.A., Hamilton, A.B., Helfrich, C.D., Ladapo, J.A., Luque, A., Tobin, J.N., Wyatt, G.E., and for the Implementation Research to Develop Interventions for People Living with HIV (PRECluDE) Consortium. ImPlementation REsearCh to Develop Interventions for People Living with HIV (the PRECluDE consortium): Combatting chronic disease comorbidities in HIV populations through implementation research. *Progress in Cardiovascular Diseases* (2020), 63(2): 79-91. doi: [10.1016/j.pcad.2020.03.006](https://doi.org/10.1016/j.pcad.2020.03.006). PMID: 32199901.
4. Gaskill, P.J., Miller, D.R., **Gamble-George, J.**, Yano, H., and Khoshbouei, H. HIV, Tat and dopamine transmission. *Neurobiology of Disease* (2017), 105:51-73. doi: [10.1016/j.nbd.2017.04.015](https://doi.org/10.1016/j.nbd.2017.04.015). PMID: 28457951.
5. Hermanson, D.J., **Gamble-George, J.C.**, Marnett, L.J., and Patel, S. Substrate-selective COX-2 inhibition as a novel strategy for therapeutic endocannabinoid augmentation. *Trends in Pharmacological Sciences* (2014), 35(7):358-67. doi: [10.1016/j.tips.2014.04.006](https://doi.org/10.1016/j.tips.2014.04.006). PMID: 24845457.

LETTERS TO THE EDITOR:

1. **Gamble-George, J.C.**, Redmond, N., and Boyce, C.A. Letter by Gamble-George et al Regarding Article, "Identification of Racial Inequities in Access to Specialized Inpatient Heart Failure Care at an Academic Medical Center." *Circulation: Heart Failure* (2020), 13(6): e007171. doi: [10.1161/CIRCHEARTFAILURE.120.007171](https://doi.org/10.1161/CIRCHEARTFAILURE.120.007171). PMID: 32498622.

CONFERENCE PROCEEDINGS:

1. Hermanson, D. J., **Gamble-George, J. C.**, Marnett, L. J., and Patel, S. Substrate-selective COX-2 Inhibition Decreases Anxiety via Endocannabinoid Activation. *Biological Psychiatry* (2014), 75(9): S274. doi: [10.1016/j.biopsych.2014.03.015](https://doi.org/10.1016/j.biopsych.2014.03.015).

2. Asilia, P. and **Gamble-George, J.** Planning and Development of Human Resources in Africa - Practical Approaches. *13th World Congress on Public Health – Towards Global Health Equity: Opportunities and Threats*, Ethiopian Public Health Association, Addis Ababa, Ethiopia (2012). <https://bit.ly/3c0d5Fd>.
3. **Gamble-George, J.** and Khoshbouei, H. Methamphetamine exposure affects α -synuclein expression in the cortex. *The FASEB Journal* (2011), 25(S1): 1005.2. doi: [10.1096/fasebj.25.1_supplement.1005.2](https://doi.org/10.1096/fasebj.25.1_supplement.1005.2).
4. Echeverria Moran, V., **Gamble-George, J.**, Burgess, S., Dickson, A., Mamcarz, M., and Arendash, G.W. P4-303: Sorafenib as a therapeutic agent against Alzheimer's disease. *Alzheimer's and Dementia* (2008), 4(4S Part 23): T760. doi: [10.1016/j.jalz.2008.05.2373](https://doi.org/10.1016/j.jalz.2008.05.2373).
5. Burgess, S., Zeitlin, R., **Gamble-George, J.**, and Echeverria Moran, V. P2-319: Cotinine is neuroprotective against beta-amyloid toxicity. *Alzheimer's and Dementia* (2008), 4(4S Part 14): T466. doi: [10.1016/j.jalz.2008.05.1396](https://doi.org/10.1016/j.jalz.2008.05.1396).

OPINION-EDITORIALS:

1. **Gamble-George, J.** "Let Congress Know Postdocs Matter at the Rally For Medical Research." *The POSTDOCKET*, National Postdoctoral Association (August 2019), 8(16). https://www.nationalpostdoc.org/page/postdocket_08186.
2. **Gamble-George, J.** "The PhD Project: A Means to Diversifying the Business Professoriate and Corporate America." *The POSTDOCKET*, National Postdoctoral Association (July 2019), 7(16). https://www.nationalpostdoc.org/page/postdocket_07182.

COMMENTARIES:

1. NextGen VOICES: Full Speed Ahead to the City on the Hill. *Science* (2016), 352(6288): 886-889 and Online Supplement (<http://science.sciencemag.org/content/suppl/2016/05/18/352.6288.886.DC1>). doi: <http://dx.doi.org/10.1126/science.aag1520>.
2. NextGen VOICES: Measures of Success. *Science* (2016), 352(6281): 28-30 and Online Supplement (<http://science.sciencemag.org/content/suppl/2016/03/30/352.6281.28.DC1>). doi: <http://dx.doi.org/10.1126/science.352.6281.28>.
3. NextGen VOICES: Definition of Success. *Science* (2012), 336(6077): 32-34 and Online Supplement (<http://science.sciencemag.org/content/336/6077/32/suppl/DC1>). doi: <http://dx.doi.org/10.1126/science.336.6077.32>.

ARTWORK:

1. Gamble-George, J. Article image appeared in *Journal of Women's Health* (2021), 30:2, p. 180, Fig. 1, showing signaling pathways, potential biomarkers, and therapeutic targets in preeclampsia (PE), by Jasmina Varagic, Patrice Desvigne-Nickens, Joyonna Gamble-George, Lisa Hollier, Christine Maric-Bilkan, Megan Mitchell, Victoria L. Pemberton, and Nicole Redmond. doi: [10.1089/jwh.2020.8852](https://doi.org/10.1089/jwh.2020.8852).
2. Gamble-George, J. Article image appeared in *Journal of Women's Health* (2021), 30:2, p. 181, Fig. 2, showing pathophysiology of peripartum cardiomyopathy, by Jasmina Varagic, Patrice Desvigne-Nickens, Joyonna Gamble-George, Lisa Hollier, Christine Maric-Bilkan, Megan Mitchell, Victoria L. Pemberton, and Nicole Redmond. doi: [10.1089/jwh.2020.8852](https://doi.org/10.1089/jwh.2020.8852).
3. Gamble-George, J. Article image: "Map of study sites in the PRECluDE consortium," an image that appeared in *Progress in Cardiovascular Disease* (2020), 63:2, p. 86, Fig. 1, showing the PRECluDE consortium extending over twelve geographical areas throughout the U.S. at more than 30 healthcare organizations, by Joyonna Carrie Gamble-George, Christopher T. Longenecker, Allison R. Webel, David H. Au, Arleen F. Brown, Hayden Bosworth, Kristina Crothers, William E. Cunningham, Kevin A. Fiscella, Alison B. Hamilton, Christian D. Helfrich, Joseph A. Ladapo, Amneris Luque, Jonathan N. Tobin, Gail E. Wyatt, and Implementation Research to Develop Interventions for People Living with HIV (PRECluDE) Consortium. doi: [10.1016/j.pcad.2020.03.006](https://doi.org/10.1016/j.pcad.2020.03.006).
4. Gamble-George, J. Article image: "Effects of COX-2 inhibition in the NIH assay," an image that appeared in *eLife* (2016), 5:e14137, p. 3, Fig. 1, showing the novelty-induced hypophagia (NIH) test protocol with stress exposure and drug treatment time intervals, by Joyonna Carrie Gamble-George, Rita Baldi, Lindsay Halladay, Adrina Kocharian, Nolan Hartley, Carolyn Grace Silva, Holly Roberts, Andre Haymer, Lawrence J Marnett, Andrew Holmes, and Sachin Patel. doi: [10.7554/eLife.14137](https://doi.org/10.7554/eLife.14137).
5. Gamble-George, J. Article image: "Effects of COX-2 inhibition in the elevated-plus maze," an image that appeared in *eLife* (2016), 5:e14137, p. 5, Fig. 2, showing the elevated-plus maze (EPM) test protocol with

stress exposure and drug treatment time intervals, by Joyonna Carrie Gamble-George, Rita Baldi, Lindsay Halladay, Adrina Kocharian, Nolan Hartley, Carolyn Grace Silva, Holly Roberts, Andre Haymer, Lawrence J Marnett, Andrew Holmes, and Sachin Patel. doi: [10.7554/eLife.14137](https://doi.org/10.7554/eLife.14137).

6. Gamble-George, J. Article image: "Effects of COX-2 inhibition on contextual fear conditioning," an image that appeared in *eLife* (2016), 5:e14137, p. 6, Fig. 3, showing the contextual fear conditioning protocol, by Joyonna Carrie Gamble-George, Rita Baldi, Lindsay Halladay, Adrina Kocharian, Nolan Hartley, Carolyn Grace Silva, Holly Roberts, Andre Haymer, Lawrence J Marnett, Andrew Holmes, and Sachin Patel. doi: [10.7554/eLife.14137](https://doi.org/10.7554/eLife.14137).
7. Gamble-George, J. Article image: "Molecular architecture of endocannabinoid signaling at an excitatory synapse in the brain," an image that appeared in *Biology of Mood & Anxiety Disorders* (2013), 3:19, p. 2, Fig. 1, showing how endocannabinoid signaling induces synaptic depression at excitatory synapses, by Matthew N. Hill and Sachin Patel. doi: [10.1186/2045-5380-3-19](https://doi.org/10.1186/2045-5380-3-19).
8. Gamble-George, J. Article image: "Chronic treatment with sorafenib inhibits cRaf-1 and ppERKs in the brain of Tg mice," an image that appeared in *Neuroscience* (2009), 162:4, p. 1223, Fig. 1c, showing the phosphorylation of cRaf-1 at Ser 259 and Ser 338, by Valentina Echeverria, Sarah Burgess, Joyonna Gamble-George, Ross Zeitlin, Xiaoyang Lin, Chuanhai Cao, and Gary W. Arendash. doi: [10.1016/j.neuroscience.2009.05.019](https://doi.org/10.1016/j.neuroscience.2009.05.019).
9. Gamble-George, J. Article image appeared in *Neuroscience* (2009), 162:4, p. 1228, Fig. 6, showing the molecular mechanisms underlying the beneficial actions of sorafenib in AD brains, by Valentina Echeverria, Sarah Burgess, Joyonna Gamble-George, Ross Zeitlin, Xiaoyang Lin, Chuanhai Cao, and Gary W. Arendash. doi: [10.1016/j.neuroscience.2009.05.019](https://doi.org/10.1016/j.neuroscience.2009.05.019).
10. Gamble-George, J. Article image that appeared in *CNS & Neurological Disorders - Drug Targets* (2010), 9, p. 121, Fig. 1, showing the activation of cRaf-1 by insults that stimulate oxidative stress and, consequently, the abnormal expression of proinflammatory and proapoptotic factors, which can be decreased by cRaf-1 inhibitors, by Sarah Burgess and Valentina Echeverria. doi: [10.2174/187152710790966632](https://doi.org/10.2174/187152710790966632).

PRESENTATIONS

INVITED TALKS:

1. **Gamble-George, Joyonna.** (2021, November 18). [What Does a Neuroscientist Do?](#) 4th Annual STEM Career Day, Frontiers of Flight Museum, Virtual.
2. **Gamble-George, Joyonna.** (2021, November 17). [Harnessing Brain Science to Shape Healthcare.](#) Hidden Figures Course, Department of Psychology, University of Virginia, Virtual.
3. **Gamble-George, Joyonna.** (2021, July 29). [Insights on Becoming a Healthcare or Medical Career Professional.](#) Career Connections, After School Matters x Chicago Housing Authority Learn and Earn Program, DreamWakers, Virtual.
4. **Gamble-George, Joyonna.** (2021, July 16). [Alzheimer's Disease: What You Need to Know to Live Your Best Life.](#) Global Speaker Series, Bloom, Virtual.
5. **Gamble-George, Joyonna.** (2021, June 27). [Understanding the Brain from Cells to Behavior in Neurodegenerative Diseases and Anxiety Disorders.](#) Simply Neurocon 2021, Simply Neuroscience, Virtual.
6. **Gamble-George, Joyonna.** (2021, May 5). [My Journey to Become a Health Scientist.](#) Meet a Scientist Speaker Series, Outreach Committee of the Association for Women in Science, San Diego Chapter (AWIS-SD), Virtual.
7. **Gamble-George, Joyonna.** (2021, April 28). [Finding Your Life Purpose: A Neuroscientist's Career Mosaic.](#) Biology Department Guest Speaker Series, Haverford College, Virtual.
8. **Gamble-George, Joyonna.** (2021, March 25). [Creating Community.](#) Enhancing Neuroscientific Discovery Through Diverse Communities Conference, Neuroscience Scholars Program, Society for Neuroscience, Virtual.
9. **Gamble-George, Joyonna.** (2020, November 12). [Courage Pillar.](#) Women Elevating Women (W.E.W.) Global Business Conference, Virtual.
10. **Gamble-George, Joyonna.** (2020, October 15). [Harnessing Brain Science to Shape Healthcare.](#) Brain Science Speaker Series, Multidisciplinary Initiative for Neuroscience Discovery (MIND), Louisiana State University (LSU), Virtual.
11. **Gamble-George, Joyonna.** (2020, September 18). [Pioneering Science: The Women Making Scientific Advancements.](#) Wonder Women Tech Summit, Virtual.
12. **Gamble-George, Joyonna.** (2020, September 17). [The Neuroscience of Alzheimer's.](#) International Museum of Surgical Science (IMSS) Lecture Series, Virtual.

13. **Gamble-George, Joyonna.** (2020, August 20). AI-Driven Predictive Analytics for Heart Disease. Ai4 2020 Conference, Virtual.
14. Cordero, Gloryvee and **Gamble-George, Joyonna.** (2018, August 29). Patient Sovereignty. Health:Further Clinician Innovator and Entrepreneur Festival, Tokenizing Health Summit, Nashville, TN.
15. **Gamble-George, Joyonna,** Baldi, Rita, Halladay, Lindsay, Kocharian, Adrina, Hartley, Nolan, Silva, Carolyn G., Roberts, Holly, Marnett, Lawrence J., Holmes, Andrew, and Patel, Sachin. (2016, November 13). The effects of cyclooxygenase-2 inhibition on stress-induced behavioral and synaptic pathologies. Interactions Between Stress and Immune Function Nanosymposium (Session 112.05): Society for Neuroscience's 46th Annual Meeting, Neuroscience 2016, San Diego, CA.
16. **Gamble-George, Joyonna,** Halladay, Lindsay, Kocharian, Adrina, Hermanson, Daniel J., Marnett, Lawrence J., Holmes, Andrew, and Patel, Sachin. (2016, July 23). Endocannabinoid Augmentation Through Substrate-Selective COX-2 Inhibition: Behavioral and Synaptic Effects in an Animal Model of Stress-Induced Anxiety. 8th International Neuroscience and Biological Psychiatry Regional International Stress and Behavior Society Conference, Yokohama, Japan.
17. **Gamble-George, Joyonna,** Hermanson, Daniel J., Marnett, Lawrence J., and Patel, Sachin. (2015, March 20). Endocannabinoid Augmentation Through Substrate-Selective COX-2 Inhibition: Behavioral and Synaptic Effects in an Animal Model of Stress-Induced Anxiety. Journal Club, Laboratory of Brian Kobilka, MD, Stanford University School of Medicine, Department of Molecular and Cellular Physiology and Medicine, Stanford, CA.

SEMINARS:

1. **Gamble-George, Joyonna,** Halladay, Lindsay, Kocharian, Adrina, Hermanson, Daniel J., Marnett, Lawrence J., Holmes, Andrew, and Patel, Sachin. (2015, October 16). Endocannabinoid Augmentation Through Substrate-Selective COX-2 Inhibition: Behavioral and Synaptic Effects in an Animal Model of Stress-Induced Anxiety. Summer Program in Neuroscience, Ethics, and Survival: 2015 Symposium, Marine Biological Laboratory and the University of Chicago, Chicago, IL.
2. **Gamble-George, Joyonna,** Hermanson, Daniel J., Marnett, Lawrence J., and Patel, Sachin. (2014, June 6). Endocannabinoid Augmentation Through Substrate-Selective COX-2 Inhibition: Behavioral Effects in an Animal Model of Stress-Induced Anxiety. Certificate Program in Molecular Medicine Retreat, Howard Hughes Medical Institute/Vanderbilt University Medical Center, Nashville, TN.
3. Msoma, Susan, **Gamble-George, Joyonna,** and Khoshbouei, Habibeh. (2010, July 23). Validation of Novel Recognition as a Test of Short-Term Memory in Mice. Meharry Research Summer Program under the National Institute on Minority Health and Health Disparities Research Centers in Minority Institutions Program, Meharry Medical College, Nashville, TN.
4. **Gamble-George, Joyonna,** Goodwin, Jeffrey S, Patel, Tina, Fennell, Ashley, Ferguson, Marcus, Ansah, Twum, Swant, J, and Khoshbouei, Habibeh. (2010, July 9). Subchronic Methamphetamine Exposure: Molecular and Synaptic Targets. Summer Program in Neuroscience, Ethics, and Survival: 2010 Symposium, Marine Biological Laboratory, Woods Hole, MA.

WEBINARS:

1. Rosen, Jodi, Shah, Gulzar, Shapiro, Eve, Bialek, Ron, Bekemeier, Betty, Ingraham, Kearston, and **Gamble-George, Joyonna.** (2021, October 26). 4080.0: Innovations in Health Administration and Leadership. Health Administration Program: American Public Health Association (APHA) 2021 Annual Meeting and Expo, Denver, CO and Virtual. ***Served as Co-host.**
2. Williams, Kristin, Gonzales, Janis, Xiao, Yunyu, Robitscher, John, Bekemeier, Betty, **Gamble-George, Joyonna,** and Mathis, Arlesia. (2021, October 25). 3176.0: Improving Health Equity in Population-Specific Health Services and Programs. Health Administration Program: American Public Health Association (APHA) 2021 Annual Meeting and Expo, Denver, CO and Virtual. ***Served as Moderator.**
3. **Gamble-George, Joyonna.** (2020, September 30). New Perspectives on Patient Data Shaping Mental Health. Webinar: MetaCell, Cambridge, MA.
4. **Gamble-George, Joyonna.** (2020, August 7). AI in Healthcare: Perspectives from Industry, Academia, and Government. AI Talks in Healthcare 6 Webinar: Magnimind Academy, Palo Alto, CA.
5. **Gamble-George, Joyonna.** (2019, February 28). Building and Maintaining Relationships with Members of Congress. "Taking Your Advocacy to the Next Level" Webinar: Society for Neuroscience, Washington, DC.

WORKSHOPS:

1. Boyce, C.A., Brown, M., Engelgau, M., Fenton, K., **Gamble-George, Joyonna***, Gebreyesus, A., Mensah, G., Newsome, B., Pieck, M., Price, L., Punturieri, A., Stoney, C., Williams, M., and Zou, S. (2020, November 2-18). Sustaining Global Capacity for Implementation Research for Health in Low- and Middle-Income Countries and Small Island Developing States. Center for Translation Research and Implementation Science (CTRIS), National Heart, Lung, and Blood Institute (NHLBI), National Institutes of Health (NIH), Virtual. **Served on Planning Committee.*
2. Roper, R., Mensah, G., Stoney, C., Beidas, R., Shero, S., **Gamble-George, Joyonna***, Bustillo, J., Parker, M., Masterson, M., Boyce, C.A., Curry, J., Fenton, K., Reineck, L., Green-Parker, M., Fessel, J., Smith, S., and Freemer, M. (2020, October 29). NHLBI Workshop on the Integration of Behavioral Economics into Implementation Research (BEIR), to Address Heart, Lung, Blood and Sleep (HLBS) Conditions. Center for Translation Research and Implementation Science (CTRIS), National Heart, Lung, and Blood Institute (NHLBI), National Institutes of Health (NIH), Bethesda, Maryland. **Served as Moderator.*
3. **Gamble-George, Joyonna***, Burks, Raychelle, McGee, Earyn, Porras, Ana Maria, and Twum, Danielle. (2020, October 23). Staying Power Tips from AAAS IF/THEN Ambassadors: Empowerment through Self-Advocacy for Women in STEM. 2020 SACNAS: The National Diversity in STEM Virtual Conference, Virtual. **Served as Chairperson.*
4. Asilia, Peter and **Gamble-George, Joyonna***. (2012, April 22). International Federation of Medical Students' Association - International Students' Meeting on Public Health. 13th World Congress on Public Health – Towards Global Health Equity: Opportunities and Threats, Ethiopian Public Health Association, Addis Ababa, Ethiopia. **Served as Co-Chairperson and Moderator.*

CONFERENCE PRESENTATIONS:

1. **Gamble-George, Joyonna**, Halladay, Lindsay, Kocharian, Adrina, Hermanson, Daniel J., Marnett, Lawrence J., Holmes, Andrew, and Patel, Sachin. (2016, July 20). Endocannabinoid Augmentation Through Substrate-Selective COX-2 Inhibition: Behavioral and Synaptic Effects in an Animal Model of Stress-Induced Anxiety. 39th Annual Meeting of the Japan Neuroscience Society, Yokohama, Japan.
2. **Gamble-George, Joyonna**, Halladay, Lindsay, Kocharian, Adrina, Hermanson, Daniel J., Marnett, Lawrence J., Holmes, Andrew, and Patel, Sachin. (2015, June 25). Endocannabinoid Augmentation Through Substrate-Selective COX-2 Inhibition: Behavioral and Synaptic Effects in an Animal Model of Stress-Induced Anxiety. 1st Annual National Enhancement of Underrepresented Academic Leaders Conference, The University of Alabama at Birmingham, Birmingham, AL.
3. Hermanson, Daniel J., Hartley, Nolan D., **Gamble-George, Joyonna**, Brown, Naoko, Reese, Jeffrey, Patel, Sachin, and Marnett, Lawrence J. (2013, June 23) Substrate-Selective Inhibition Of COX-2 Enhances Endocannabinoid Signaling In Vivo. 23rd Annual Symposium of the International Cannabinoid Research Society, Vancouver, British Columbia, Canada.
4. Gunduz-Cinar, Ozge, Schaapveld, Caitlin M., MacPherson, Kathryn P., Cinar, Resat, **Gamble-George, Joyonna**, Sugden, Karen Williams, Benjamin, Godlewski, Grzegorz, Ramikie, Teniel S., Gorka, Adam X., Alapafuja, Shakiru O., Nikas, Spyros P., Makriyannis, Alexandras, Poulton, Richie, Patel, Sachin, Hariri, Ahmad R., Caspi, Avshalom, Moffitt, Terrie E., Kunos, George, and Holmes, Andrew. (2012, July 22) Anandamide in Amygdala-Mediated Fear Extinction, Threat Processing, and Stress-Reactivity: A Translational Study. 22nd Annual Symposium of the International Cannabinoid Research Society, Freiburg, Germany.

POSTERS:

1. Bazzino, Paula, **Gamble-George, Joyonna**, and Khoshbouei, Habibeh. (2017, November 2). Microglia Morphology in the Post-Natal Mouse Brain. Poster presented at the Annual Biomedical Research Conference for Minority Students, Phoenix, AZ.
2. Pham-Lake, Camille, **Gamble-George, Joyonna**, and Patel, Sachin. (2015, July 30). Behavioral Mediation Through Substrate-Selective COX-2 Inhibitors. Poster presented at the Vanderbilt Summer Science Academy Research Symposium, Nashville, TN.
3. **Gamble-George, Joyonna**, Hermanson, Daniel J., Marnett, Lawrence J., and Patel, Sachin. (2014, July 1). Endocannabinoid Augmentation Through Substrate-Selective COX-2 Inhibition: Behavioral Effects in an Animal Model of Stress-Induced Anxiety. Poster presented at the 24th Annual Symposium of the International Cannabinoid Research Society, Baveno, Italy, P2-50.

4. Hermanson, Daniel, Hartley, Nolan, **Gamble-George, Joyonna**, Marnett, Lawrence, and Patel., Sachin (2013, December 10). Substrate-Selective COX-2 Inhibition Decreases Anxiety via Endocannabinoid Activation. Poster presented at the American College of Neuropsychopharmacology (ACNP) 52nd Annual Meeting, Hollywood, FL, T232.
5. **Gamble-George, Joyonna**, Gunduz-Cinar, Ozge, Holmes, Andrew, and Patel, Sachin. (2013, November 10). Molecular mechanisms and differential strain-dependence of CB1 signaling in the amygdala. Poster presented at the Society for Neuroscience's 43rd Annual Meeting, Neuroscience 2013, San Diego, CA, 129.08/C29.
6. Ramikie, Teniel S., **Gamble-George, Joyonna**, Hartley, Nolan D., and Patel, Sachin. (2012, July 23). Endocannabinoid-Mediated Synaptic Depression in the Central Amygdala: Cholinergic-Cannabinoid Interactions. Poster presented at the 22nd Annual Symposium of the International Cannabinoid Research Society, Freiburg, Germany, P1-41
7. **Gamble-George, Joyonna** and Khoshbouei, Habibeh. (2011, April 12). Methamphetamine exposure affects α -synuclein expression in the cortex. Poster presented at the Experimental Biology 2011, Washington, DC, C207: 1005.2.
8. **Gamble-George, Joyonna**, Goodwin, Jeffrey S, Patel, Tina, Fennell, Ashley, Ferguson, Marcus, Ansah, Twum, Swant, J, and Khoshbouei, Habibeh. (2010, November 16). Discontinuous and Continuous Methamphetamine Exposures Have Distinct Molecular Targets. Poster presented at the Society for Neuroscience's 40th Annual Meeting, Neuroscience 2010, San Diego, CA, 576.15: OO18.
9. **Gamble-George, Joyonna**, Goodwin, Jeffrey S, Patel, Tina, Fennell, Ashley, Ferguson, Marcus, Ansah, Twum, Swant, J, and Khoshbouei, Habibeh. (2010, November 12). Discontinuous and Continuous Methamphetamine Exposures Have Distinct Molecular Targets. Poster presented at the National Institute on Drug Abuse (NIDA) Mini-Convention: Frontiers in Addiction Research, San Diego, CA.
10. Fennell, Ashley, **Gamble-George, Joyonna**, Swant, J, Ferguson, Marcus, Ansah, Twum, Goodwin, Jeffrey S, and Khoshbouei, Habibeh. (2010, November 16). The Pattern of Methamphetamine Exposure Determines its Mnemonic Consequences. Poster presented at the Society for Neuroscience's 40th Annual Meeting, Neuroscience 2010, San Diego, CA, 576.13: OO16.
11. Khoshbouei, Habibeh, Swant, Jarod, **Gamble-George, Joyonna**, Goodwin, Jeffrey S, and Chirwa, Sanika. (2010, November 12). Alpha-Synuclein Regulates the Activity of Dopamine Transporter. Poster presented at the National Institute on Drug Abuse (NIDA) Mini-Convention: Frontiers in Addiction Research, San Diego, CA
12. **Gamble-George, Joyonna**, Weeber, Edwin, Peters, Mindy, Burgess, Sarah, and Echeverria, Valentina. (2009, October 21). Cotinine Reduces Fear and Anxiety Related Behavior in a Mouse Model of Posttraumatic Stress Disorder. Poster presented at the Society for Neuroscience's 39th Annual Meeting, Neuroscience 2009, Chicago, IL, 841.18: N23.
13. **Gamble-George, Joyonna**. (2009, April 26). Health Illiteracy in the US: What's the Solution? Poster presented at the Society of Public Health Specialists (TSPHS), International Students' Meeting on Public Health (ISMOPH), 12th World Congress on Public Health, Istanbul, Turkey.
14. Mamcarz, M B, **Gamble-George, Joyonna**, Burgess, Sarah, Arendash, Gary W, and Echeverria Moran, Valentina. (2008, November 19). Caffeine Stimulates Dopamine and Cyclic AMP-Regulated Phosphoprotein (DARPP-32) and Activity-Regulated Cytoskeleton-Associated Protein (Arc): New Insight into Caffeine's Beneficial Actions Against Alzheimer's Disease. Poster presented at the Society for Neuroscience's 38th Annual Meeting, Neuroscience 2008, Washington, DC, 831.6: H9.
15. Echeverria Moran, Valentina, **Gamble-George, Joyonna**, Burgess, Sarah, Dickson, Alexander, Mamcarz, Malgorzata, and Arendash, Gary W. (2008, July 30). Sorafenib as a Therapeutic Agent Against Alzheimer's Disease. Poster presented at the Alzheimer's Association International Conference on Alzheimer's Disease (ICAD), Chicago, IL, P4-303.
16. **Gamble-George, Joyonna**, Burgess, Sarah, and Echeverria, Valentina. (2008, July 30). Chronic Caffeine Treatment Restores Arc Expression and Promotes DARPP-32/PKA Signaling. Poster presented at the Alzheimer's Association International Conference on Alzheimer's Disease (ICAD), Chicago, IL.
17. Burgess, Sarah, Zeitlin, Ross, **Gamble-George, Joyonna**, and Echeverria Moran, Valentina. (2008, July 28). Cotinine is Neuroprotective Against Beta Amyloid Toxicity. Poster presented at the Alzheimer's Association International Conference on Alzheimer's Disease (ICAD), Chicago, IL, P2-319.

18. **Gamble-George, Joyonna**, Burgess, Sarah, Arendash, Gary W, and Echeverria Moran, Valentina. (2008, May 9). Caffeine Stimulates Dopamine and Cyclic AMP-Regulated Phosphoprotein and Activity-Regulated Cytoskeleton-Associated Protein. Poster presented at the Second Annual Signature Interdisciplinary Program in Allergy, Immunology, and Infectious Disease (SIPAID) Symposium: Immunity and Pathogens, University of South Florida, Tampa, FL.

TEACHING ACTIVITIES

TRAINING:

Advancing Learning Through Evidence-Based STEM Teaching (Massive Open Online Course)	2020
Center for the Integration of Research, Teaching, and Learning (CIRTL), Madison, WI	
Teaching Institute (Teaching-as-Scholarship Certificate Program)	2016
Teaching Academy, Johns Hopkins University, Baltimore, MD	
An Introduction to Evidence-Based Undergraduate STEM Teaching (MOOC)	2016
Center for the Integration of Research, Teaching, and Learning, Madison, WI	
Integrating Creativity, Innovation, and Design Thinking in STEM Courses	2016
Center for the Integration of Research, Teaching, and Learning, Madison, WI	
Scholarship of Teaching and Learning (SoTL) Certificate Program	2015-2016
Center for Teaching, Vanderbilt University, Nashville, TN	
College Teaching Certificate Program	2013-2014
Center for Teaching, Vanderbilt University, Nashville, TN	

UNDERGRADUATE:

Adjunct Faculty	2019
Natural Sciences Department, St. Petersburg College, Clearwater, FL	
<u>Course:</u> Special Topics in Biology Lab – Cell and Molecular Biology Lab (BSC 3931L)	
<u>Contact Hours:</u> 11 contact hours/week (19 lectures)	
<u>Description:</u> This semester long course was an open format lab course designed to address the needs and interests of the students as well as provide an opportunity to focus on current biological science techniques.	
Adjunct Faculty	2019
Natural Sciences Department, St. Petersburg College, Clearwater, FL	
<u>Course:</u> Plant and Animal Cell Culture (BSC 2419C)	
<u>Contact Hours:</u> 11 contact hours/week (19 lectures)	
<u>Description:</u> This semester long course for a class of 8 undergraduate students introduced the skills used in the biotechnology industry for plant and animal cell culture. It emphasized hands on training in the principles and practices of cultivation, maintenance and preservation of established cell lines including implementation of these practices in project design and management.	
Teaching Assistant	2015
Psychology Department, Vanderbilt University, Nashville, TN	
<u>Course:</u> Neuroscience (NSC 2201)	
<u>Contact Hours:</u> 4.5 contact hours/week (25 lectures; 25 lecture reviews; 4 exam reviews)	
<u>Description:</u> This semester long course assessed student knowledge and enhanced student comprehension for a class of 175 undergraduate students on the mammalian nervous system, particularly the organization of the human brain: (1) nerve cells – their structure, propagation of nerve impulses, and transfer of information between them; (2) sensory systems (e.g., sight and perception, hearing, and touch); (3) the motor system; (4) whole brain systems that control sleep and consciousness, emotions, sexual behavior, and learning and memory; and (5) the biological basis of mental disorders, diseases of the brain, and repair mechanisms following brain injury.	
<u>Responsibilities:</u>	
- Held monthly review sessions for students on concepts discussed in lecture	

- Administered monthly exams derived from lectures, on-line quizzes, and textbook readings
- Provided additional assistance outside of class during office hours to students who needed help comprehending concepts discussed in lecture and assessed through quizzes and exams
- Led and monitored discussion boards on concepts covered in lectures, on-line quizzes, textbook readings, and review sessions, and other topics related to current hypotheses, methods of experimentation, and the field of neuroscience that students found interesting

Instructor

1999

Chemistry Department, Xavier University of Louisiana, New Orleans, LA

Course: General Chemistry I Drill (CHEM 1010D)

Contact Hours: 2 contact hours/week (16 lecture reviews and drills)

Description: This semester long course reviewed basic general chemistry concepts - chemical reactions, stoichiometry, thermochemistry, gases, atomic structure, periodic trends, bonding, molecular structure, physical properties, intermolecular forces, and geometry of molecules - for a class of 15 undergraduate students that were discussed in lecture to assess student knowledge and further remediation.

Responsibilities:

- Administered weekly quizzes (drills) derived from homework after lecture review to encourage students to study chemistry regularly and provided additional assistance to students who needed help comprehending concepts discussed in lecture

GRADUATE:

Co-Leader

2015

Interdisciplinary Graduate Program, Vanderbilt University, Nashville, TN

Course: FOCUS (Facilitating Open Communication to Understand Science)

Contact Hours: 2 contact hours/week (16 lectures)

Description: This semester long course for 1st Year Ph.D. Students (Class Size: 11) covered research papers that complement the didactic portion of the Fall semester of Bioregulation. It served as a teaching tool to understand how science is done, the basics behind key experimental methods, authorship issues, publication practices, and Responsible Conduct in Research.

Faculty Mentor: Roger Chalkley, D.Phil., Senior Associate Dean for BRET

Responsibilities:

- Facilitated discussion of seminal research papers in the field of biomedical sciences that complement the didactic portion of the fall semester Bioregulation I course
- Prepared students in proficiently reading and critically analyzing primary scientific literature
- Co-led discussions on identifying central hypotheses being tested, various experimental methods and technologies used, key experimental controls, analyzing the author's data interpretations, and using the discussions as a springboard to identify future directions

Lecturer

2013

Neuroscience Graduate Program, Vanderbilt University

Course: 2nd Annual Neuroscience Boot Camp for Incoming Ph.D. and M.D./Ph.D. Students

Contact Hours: 1 contact hour/week (1 lecture: "Cell and Molecular Biology of the Neuron")

Description: This one-week immersive lecture, discussion, and laboratory course was for new graduate students in the Neuroscience Graduate Program (Class Size: 10). The program provided a common knowledge base of neuroscience fundamentals, hands-on experience with techniques commonly used to explore cellular/molecular, circuits, systems, and cognitive neuroscience, and an introduction to a wide variety of Vanderbilt University faculty and graduate students and available resources to ensure a successful graduate career.

EDITORIAL ACTIVITIES

PEER REVIEW OF JOURNALS:

British Journal of Pharmacology (BJP)

Cultural Diversity and Ethnic Minority Psychology (CDP)
Drug and Alcohol Dependence
Frontiers in Behavioral Neuroscience
Served as Guest Editor, 2021
Infectious Disorders - Drug Targets (IDDT)

AD HOC REVIEW OF PROPOSALS:

Mayor’s Office on African American Affairs FY 2022 African American Community Grant	2021
Government of the District of Columbia, Executive Office of the Mayor (Mayor Muriel Bowser)	
Research on the Health of Underrepresented, Understudied, and Underreported (U3) Populations	2020
Administrative Supplements, Office of Research on Women’s Health, National Institutes of Health	
Graduate Research Fellowship Program (GRFP)	2020
National Science Foundation (NSF) <i>Served on Computer Science Panel</i>	
Training Institute for Dissemination and Implementation Research in Cancer (TIDIRC)	2020
Division of Cancer Control and Population Sciences, National Cancer Institute	
HIV/AIDS and Coronavirus Disease 2019 (COVID-19) Research Priority	2020
Administrative Supplements, HIV/AIDS Program, National Heart, Lung, and Blood Institute	
National Infrastructure for Mitigating the Impact of COVID-19 within Racial and Ethnic Minority Communities (NIMIC) Initiative	2020
Office of the Assistant Secretary for Health (OASH)/Office of Minority Health (OMH) <i>Served as Chairperson of the Objective Review Committee (ORC)</i>	
National Institutes of Health HIV/AIDS Research Priorities	2020
<ul style="list-style-type: none"> - Disparities in Treatment and Outcomes in People with HIV with Multiple Comorbidities and Co-infections - Increasing the Integration of Substance Abuse Services and HIV Prevention and Care - Interactions and Effects of Microbiome and Metabolome on Comorbidities and Co-infections in People with HIV - Intersectional Stigma and its Effect on HIV Prevention, Treatment, and Care - Methodology and Data Science of HIV - Uptake and Retention for Long-Acting HIV Prevention and Treatment Administrative Supplements for National Institutes of Health Centers for AIDS Research	
Ending the HIV Epidemic: A Plan for America (EHE) Initiative	2020
EHE Implementation Science Administrative Supplements National Institute of Mental Health (NIMH) AIDS Research Centers (ARCs) National Institutes of Health Centers for AIDS Research (CFARs)	

MENTORING AND RESEARCH SUPERVISION

UNDERGRADUATE:

Mentor to 9 Undergraduate Students (7 Women; 6 Underrepresented Minorities or URM)

Kadry Noel Samuels, St. Petersburg College (B.S. in Biology), Clearwater, FL <i>Currently a Pharmaceutical Quality Assurance Manager, Catalent Pharma Solutions</i>	2019-2021
Yeqian Cheng, University of Florida (B.S. in Chemical Engineering), Gainesville, FL <i>Currently an Engineering Intern, Philips</i>	2016-2018
Danielle Fitzgerald, Santa Fe College (A.A.), Gainesville, FL <i>Currently a Pre-Dental Undergraduate Student, University of Florida</i>	2016-2018
Paula Bazzino, University of Florida (B.S. in Psychology), Gainesville, FL MARC Gator Student Training in Academic Research Program Participant <i>Currently a PhD Student in Neuroscience, University of Illinois at Chicago</i>	2016-2018

Camille Pham-Lake, Agnes Scott College (B.S. in Neuroscience), Nashville, TN BP-ENDURE Participant, Vanderbilt Summer Science Academy <i>Currently a Public Health Volunteer in Mongolia, the Peace Corps</i>	2015
Holly Roberts, Vanderbilt University (B.S. in Neuroscience), Nashville, TN <i>Currently a Veterinary Medicine Student, North Carolina State University</i>	2014-2015
Carolyn Grace Silva, Vanderbilt University (B.S. in Neuroscience), Nashville, TN <i>Currently a Research Assistant, New York University Langone Hospital</i>	2014-2015
Susan Brenda Msoma, Oakwood University (B.S. in Nursing), Huntsville, AL Summer Research Program, Meharry Medical College <i>Currently a Registered Psychiatric Nurse Practitioner in TX</i>	2010-2011
Susan Lawrence, Florida International University (B.S. in Biology), Miami, FL <i>Currently a Board-Certified Pharmacist in FL</i>	2010-2011

COMMUNITY OUTREACH

BIOMEDICAL SCIENCES:

Panelist for Virtual Science Day Pineview Elementary, Tallahassee, FL National High Magnetic Field Lab, Center for Integrating Research & Learning, Tallahassee, FL	2020-2021
Panelist on Virtual STEM Expo (“Data Bites: Connecting Girl Scouts to the STEM Community”) Girls Scouts of Greater Atlanta, Mableton, GA	2020
Panelist on “Minorities in S.T.E.M.” Virtual Career Panel Communities in Schools, Jacksonville, FL US Department of Education GEAR UP Project, Jacksonville, FL	2020
Panelist on STEAM Dreamers Virtual Panel Series Reinvented Magazine, Cocoa, FL	2020
Program Committee Member MedTech Conference, AdvaMed, Virtual	2020
Science and Engineering Fair Judge for K-5th Graders Harmony DC Public School, Washington, D.C	2019
Judge for the 3rd Annual Science Symposium for NIH Pre/Post-Doc Research Fellows NIH SACNAS Chapter, Bethesda, MD	2019
Scientific Abstract, Presentation, and Travel Scholarship Reviewer The National Diversity in STEM Conference, SACNAS, Santa Cruz, CA	2016-2019
STEM Scholars Program Reviewer United Negro College Fund, Washington, D.C.	2016-2020
Brain Awareness Week Volunteer for K-8th Graders and Their Families Vanderbilt Brain Institute, Nashville, TN	2013
Reviewer for <i>Young Scientist</i> (high school research journal) Vanderbilt Center for Science Outreach, Nashville, TN	2012-2015
Wiley Science Advisor John Wiley & Sons, Inc., Hoboken, NJ	2012-2013

PUBLIC HEALTH:

Scientific Abstract Reviewer for Health Administration <u>Topic Areas:</u> - Using Data to Improve Quality in Health Services and Programs - Addressing Specific Health Outcomes through Partnerships and Innovation American Public Health Association (APHA) 2021 Annual Meeting and Expo, Denver, CO	2021
Volunteer for Work Group on Education World Federation of Public Health Associations, Geneva, Switzerland	2012

Organizing Committee Member	2011-2012
2 nd International Students' Meeting on Public Health, Addis Ababa, Ethiopia	
Scientific Abstract Reviewer Mentor Judge for Student Presenters	2009-2014
12th World Congress on Public Health, Istanbul, Turkey	
13th World Congress on Public Health, Addis Ababa, Ethiopia	
14th World Congress on Public Health, Kolkata, India	
Board Member	2008-2009
Ovacome (Ovarian Cancer Support and Advocacy), Tampa, FL	
Clinic Volunteer	2007-2008
Interdisciplinary Health Service Collaborative, El Yayal, Dominican Republic	
Graduate Advisor for Volunteer USF Alternative Break	2007
AIDS Project Los Angeles, Los Angeles, CA	
Volunteer for Step Up Florida (Physical Activity Program)	2006
Florida Department of Health, Tampa, FL	
Graduate Advisor Mentor Judge for Student Presenters	2006
Volunteer USF Hurricane Katrina Relief Efforts, Ocean Springs, MS	
Graduate Advisor for Volunteer USF Alternative Break	2006
Care Assurance System for the Aging and Homebound, Huntsville, AL	
Team Captain	2005-2006
USF Dance Marathon, Children's Miracle Network Hospital, Tampa, FL	
Volunteer for Veterans with Post-Traumatic Stress Disorder	2005
Central Alabama Veterans Health Care System, Tuskegee, AL	
Team Captain	2004-2007
American Cancer Society's Relay for Life, Tampa, FL	
Volunteer for Cancer Patients and Their Caregivers	2004-2007
American Cancer Society's Hope Lodge, Tampa, FL	
Volunteer for Pre-Teen Visual Art and Health-Related Activities	2004
University Area Community Health Outreach, Promotion, and Education Project, Tampa, FL	
Team Captain Mentor Judge for Student Presenters	2003-2005
American Heart Association's Heart Walk, Tampa, FL	
Volunteer for HIV/AIDS Patients	2003-2005
Tampa Bay AIDS Network, Tampa, FL	
Co-Chair and Committee Member	2003-2005
USF College of Public Health's Flu Shot Drive, Tampa, FL	
Volunteer for the Elderly	2003-2005
John Knox Village, Tampa, FL	
Volunteer for the Homeless	2003-2004
Trinity Café, Tampa, FL	
Food Outreach Volunteer for Families in Need	2003-2004
Metropolitan Ministries, Tampa, FL	
<u>EDUCATION, TEACHING, AND MENTORING:</u>	
Mentor for Virtual Entrepreneurship and Career Development Roundtable Discussions (Government Policy and Economic Development)	2020
6th Annual BCLA Biotech Summit, Biotech Connection Los Angeles (BCLA), Los Angeles, CA	
Mentor Judge for Undergraduate Student Poster Presenters	2020
The National Diversity in STEM Virtual Conference, SACNAS, Santa Cruz, CA	
Mentor for MIT "Hacking Structural Racism in Healthcare" Virtual Hackathon (Track on Data Bias and Clinical Research and Trials)	2020
#Black Tech Matters (BTM), Washington D. C.	
Massachusetts Institute of Technology (MIT) COVID19 Challenge, Cambridge, MA	
Massachusetts Institute of Technology (MIT) Hacking Medicine, Cambridge, MA	

Mentor for LabX Jamming the Curve Gamemakers The National Academy of Sciences, Washington, D.C.	2020
Lecturer for High School Students on “Anxiety and Mindfulness” Brite Virtual Summer Camp	2020
World Science Foundation, National Girls Collaborative Project, and Hello Studios	
Lecturer for Elementary, Middle, and High School Students Nepris (IF/THEN® Classroom Connection), Plano, TX	2019-2021
Business Mentor Everwise, San Francisco, CA	2018-2020
Teacher for High School Students in Discover Biomedical Research Program Initiative for Maximizing Student Diversity Program, Vanderbilt University	2016
PenPal to 6th Grade Students at Wright Middle School PenPal with a Purpose Project, Vanderbilt University	2013-2015
3rd-5th Grade Teacher Volunteer for Work Group on Education Poyen Elementary School in Rural Arkansas	2012
Aspirnaut™ Beaming STEM Labs Program, Vanderbilt University	
Teacher Great American Teach at Wiregrass Ranch High School, Wesley Chapel, FL	2007
Mentor to Teenage Mothers Woman to Woman Program, Gulf Coast Community Care, Tampa, FL	2006
Tutor Ivy Reading AKAdemy at West Tampa Elementary School, Tampa, FL	2004
ARTS AND CRAFTS:	
Face Painter for Brain Blast (Brain Awareness Campaign Event) Vanderbilt Brain Institute, Nashville, TN	2014
Face Painter for Youth Festival Tampa Housing Authority, Tampa, FL	2006
Face Painter for University Area Community Health Outreach, Promotion and Education Project University of South Florida College of Medicine, Tampa, FL	2004

PROFESSIONAL TRAINING

ADMINISTRATION AND PORTFOLIO ANALYSIS OF GRANTS AND CONTRACTS:

Federal Acquisition Certification-Contracting Officer's Representative (FAC-COR) Program Federal Acquisition Institute (FAI)	2019
Advanced QVR for Scientific Review Officers (SROs) Office of Extramural Research (OER), National Institutes of Health	2019
Introduction to QVR for Review Staff Office of Extramural Research (OER), National Institutes of Health	2019
Integrated Core Curriculum <u>Topics Areas:</u>	2019
- Fundamentals of Extramural Activities (FEA)	
- Initiative Development	
- Application Submission, Receipt, and Referral	
- Scientific Peer Review	
- Extramural Staff Resources and Tools	
- Pre-Award & Council	
- Post-Award Monitoring and Closeout	
Office of Extramural Research (OER), National Institutes of Health	
Measuring Research Outputs - iCite 2.0 Office of Portfolio Analysis, National Institutes of Health	2019

Network Analysis Training Using Cytoscape and Sci2 (Structuring and Cleaning Data) Software	2019
Office of Portfolio Analysis, National Institutes of Health	
Research Integrity Workshop for Extramural Staff	2019
Office of Extramural Research (OER), National Institutes of Health	
IN-SPIRE (Text Analysis and Visualization Tool) Training	2019
Office of Portfolio Analysis, National Institutes of Health	
Measuring Research Outputs (Relative Citation Ratio and Bench-to-Bedside Translation Data)	2019
Office of Portfolio Analysis, National Institutes of Health	
Portfolio Analysis for Program Officers	2019
Office of Portfolio Analysis, National Institutes of Health	
iSearch-Portfolio Tool	2019
Office of Portfolio Analysis, National Institutes of Health	
iSearch (Portfolio Analysis Platform) Training	2019
Office of Portfolio Analysis, National Institutes of Health	
Query/View/Report (QVR) Training for Program Officers	2019
Office of Extramural Research (OER), National Institutes of Health	
Portfolio Analysis: Introduction (PA101)	2019
Office of Portfolio Analysis, National Institutes of Health	
<u>BIOLOGICAL AND BIOMEDICAL SCIENCES:</u>	
Spatial Transcriptomics and Trajectory Analysis in Partek Flow	2020
Office of Research Services, National Institutes of Health	
ChIP Sequencing Data Analysis	2020
Office of Research Services, National Institutes of Health	
Exome Sequencing Data Analysis	2020
Office of Research Services, National Institutes of Health	
Single and Multi-Omics Analysis	2020
Office of Research Services, National Institutes of Health	
Single Cell RNA-Seq Data Analysis in Partek Flow	2020
Office of Research Services, National Institutes of Health	
Bioinformatics Workshop: Single Cell Sequencing	2020
Office of Research Services, National Institutes of Health	
DNA-Seq and ATAC-Seq Data Analysis in Partek Flow	2020
Office of Research Services, National Institutes of Health	
Promoter Analysis with Genomatix Software	2020
Office of Research Services, National Institutes of Health	
RNA-Seq Analysis Training	2020
Office of Research Services, National Institutes of Health	
Variant Selection in Genomics DNA Sequences	2020
Office of Research Services, National Institutes of Health	
Pathway Analysis	2019
Office of Research Services, National Institutes of Health	
Engineering with CRISPR, TALENS, and ZFNs (BioTech 55)	2016
Foundation for Advanced Education in the Sciences (FAES), National Institutes of Health	
Human Induced Pluripotent Stem (iPS) Cells: Neural Differentiation Workshop (BioTech 47)	2016
Foundation for Advanced Education in the Sciences (FAES), National Institutes of Health	
Laser Capture Microdissection: Methods for Microgenomic Analysis (BioTech 29)	2016
Foundation for Advanced Education in the Sciences (FAES), National Institutes of Health	
Super Resolution Microscopy: Principles and Methods (BioTech 53)	2016
Foundation for Advanced Education in the Sciences (FAES), National Institutes of Health	
Using Single-Cell Genomics to Analyze Neurons, Glia, and Circuits Short Course	2016
Neuroscience 2016, Society for Neuroscience	

Optogenetics Training Workshop	2015
Optogenetics Innovation Lab, Bio-X, Stanford University	
Optimizing Experimental Design for High-Quality Science Short Course	2015
Neuroscience 2015, Society for Neuroscience	
INFORMATION SCIENCES AND TECHNOLOGY:	
Data Science and Artificial Intelligence: Medical Imaging Datasets Using MATLAB	2020
Office of Research Services, National Institutes of Health	
Data Science and Artificial Intelligence: Signals and Time Series Datasets Using MATLAB	2020
Office of Research Services, National Institutes of Health	
From Data to Insights with Google Cloud Platform Specialization	2020
Google Cloud and the Science and Technology Research Infrastructure for Discovery, Experimentation, and Sustainability (STRIDES) Initiative, National Institutes of Health	
Machine Learning with TensorFlow on Google Cloud Platform Specialization	2020
Google Cloud and STRIDES Initiative, National Institutes of Health	
Data Engineering, Big Data, and Machine Learning on GCP Specialization	2020
Google Cloud and STRIDES Initiative, National Institutes of Health	
Architecting with Google Compute Engine	2020
Google Cloud and STRIDES Initiative, National Institutes of Health	
Developing Applications with Google Cloud Platform (GCP)	2020
Google Cloud and STRIDES Initiative, National Institutes of Health	
Security in Google Cloud Platform (GCP)	2020
Google Cloud and STRIDES Initiative, National Institutes of Health	
API Design and Fundamentals of Google Cloud's Apigee API Platform (with Honors)	2020
Google Cloud and STRIDES Initiative, National Institutes of Health	
Programming Foundations with JavaScript, HTML and CSS (with Honors)	2020
Duke University	
Big Data and Machine Learning on AWS	2020
Amazon Web Services (AWS) and STRIDES Initiative, National Institutes of Health	
Architecting on AWS	2020
Amazon Web Services (AWS) and STRIDES Initiative, National Institutes of Health	
Security Engineering on AWS	2020
Amazon Web Services (AWS) and STRIDES Initiative, National Institutes of Health	
Introduction to Artificial Intelligence and Machine Learning	2020
Office of Research Services, National Institutes of Health	
Introduction to Artificial Intelligence and Machine Learning	2020
Office of Research Services, National Institutes of Health	
Python Programming for Scientists Series	2019
National Institute of Allergy and Infectious Diseases, National Institutes of Health	
Design and Implement UI Behavior	2019
National Institutes of Health	
Introduction To UI/UX	2019
National Institutes of Health	
Data Visualization in R: ggplot	2019
Office of Research Services, National Institutes of Health	
Data Wrangling in R	2019
Office of Research Services, National Institutes of Health	
Introduction to R Data Types	2019
Office of Research Services, National Institutes of Health	
Principles of Effective Data Visualization	2019
Office of Research Services, National Institutes of Health	
Data Science and Data Skills for Neuroscientists Short Course	2016
Neuroscience 2016, Society for Neuroscience	

Technology Commercialization Module	2014
ASPIRE Program, BRET Office of Career Development, Vanderbilt University School of Medicine	
LEADERSHIP DEVELOPMENT:	
Bridge to Leadership (B2L) Training Program	2019
Office of Management, National Heart, Lung, and Blood Institute, National Institutes of Health	
PUBLIC HEALTH AND CLINICAL RESEARCH:	
Epidemiologic Applications of GIS	2021
Summer Institute of Epidemiology and Biostatistics, Johns Hopkins Bloomberg School of Public Health	
Conflicts of Interest	2021
Collaborative Institutional Training Initiative (CITI Program)	
Essentials of Research Administration	2021
Collaborative Institutional Training Initiative (CITI Program)	
FDA-Regulated Research	2021
Collaborative Institutional Training Initiative (CITI Program)	
Good Clinical Practice for Clinical Trials with Investigational Drugs and Medical Devices	2021
Collaborative Institutional Training Initiative (CITI Program)	
Good Clinical Practice - Social and Behavioral Research Best Practices for Clinical Research	2021
Collaborative Institutional Training Initiative (CITI Program)	
Human Subjects Protection – Social and Behavioral Research and Biomedical Research	2021
Collaborative Institutional Training Initiative (CITI Program)	
Research with Minors – Social and Behavioral Research and Biomedical Research	2021
Collaborative Institutional Training Initiative (CITI Program)	
Responsible Conduct of Research (RCR) – Social and Behavioral Research and Biomedical Research	2021
Collaborative Institutional Training Initiative (CITI Program)	
Social and Behavioral Research	2021
Collaborative Institutional Training Initiative (CITI Program)	
Foundations of Health Equity Research	2020
Johns Hopkins Bloomberg School of Public Health	
Principles of Clinical Pharmacology	2020
Office of Clinical Research, National Institutes of Health	
Introduction to Health Survey Research Methods	2020
Summer Institute of Epidemiology and Biostatistics, Johns Hopkins Bloomberg School of Public Health	
ePCT Training Workshop: Supporting Embedded Pragmatic Clinical Trials (ePCTs)	2020
Health Care Systems Research Collaboratory, National Institutes of Health	
Good Clinical Practice in Social and Behavioral Research	2019
Society of Behavioral Medicine	
Ethical and Regulatory Aspects of Clinical Research	2019
Office of Clinical Research, National Institutes of Health	
Opioid Overdose Skills Station (Naloxone) Training	2019
Office of Preparedness and Response, Maryland Department of Health	
US Public Health Service Commissioned Corps	
National Institutes of Health	
Clinical and Translational Research Course for Ph.D. Students	2015
Clinical Center, National Institutes of Health	
Introduction to the Principles and Practice of Clinical Research (IPPCR)	2015
Office of Clinical Research, National Institutes of Health	
SCIENCE WRITING AND COMMUNICATION:	
Meta-Analysis: Quantifying a Systematic Review	2019
Office of Research Services, National Institutes of Health	
Writing and Publishing Your Systematic Review	2019
Office of Research Services, National Institutes of Health	

Screening Best Practices and Managing Your Data for Systematic Reviews	2019
Office of Research Services, National Institutes of Health	
Systematic Reviews - Getting Started: The Scope, the Protocol, and the Literature Search	2019
Office of Research Services, National Institutes of Health	
An Introduction to the Systematic Review Process	2019
Office of Research Services, National Institutes of Health	
Grant Proposal Writing Workshop and Coaching Group	2017
National Research Mentoring Network (NRMN) and Society for Neuroscience	
Grant Writing Online Course	2016
Grant Writing Institute (GWI), American Society for Microbiology	

PRESS

MEDIA APPEARANCES AND INTERVIEWS:

1. Ribic, Adema. **"Episode 20: Joyonna Gamble-George, PhD."** Conjugate: Illustration and Science Blog, Hidden Figures: Brain Science through Diversity, University of Virginia, 26 November 2021, <https://bit.ly/3r2u28i>.
2. Johnson, Grace. **"The Science Behind Anxiety and Depression, Joyonna Gamble-George, PhD (Health Scientist & Policy Fellow, National Institutes of Health, MD, USA)."** Women of STEM, Medium, 7 July 2021, <https://bit.ly/3r2u28i>.
3. Frost, Jessica. (2021, July 7). **Innovating Sickle Cell Disease education models.** All News: Research Feature, National Heart, Lung, and Blood Institute. <https://bit.ly/3htFwP1>
4. Sigma Xi. (2021, April 21). **Fiscal Year 2020 Annual Report.** Sigma Xi. <https://bit.ly/3qnxoCG>.
5. Dr. Natoshia Anderson, host. **"Meet Dr. Joyonna Gamble-George: It's the Science Y'all; Ignorance Is Not Bliss; COVID-19."** STEMming in Stilettoes with Dr. Toshia Podcast, Spotify, 2 February 2021. <https://spoti.fi/3dHuPWw>.
6. 1 Million Women in STEM. (2021, January 27). **Joyonna Carrie Gamble-George, Co-Founder, COO, and Chief Scientific and Medical Officer, SciX.** 1 Million Women in STEM. <https://bit.ly/3rVh1wl>.
7. Lisa Mae Brunson, host. **"S1E07: Defying Expectations with Dr. Joyonna Gamble-George, MHA, Ph.D., Co-Founder of SciX."** The Wonder Women Tech Show Podcast, Spotify, 26 January 2021. <https://spoti.fi/39MUM5x>.
8. Spiro, Mary. (2021, January 15). **Member profile: Joyonna Gamble-George.** The American Society for Cell Biology. <https://bit.ly/3mskn8l>.
9. Baskas, Harriet. (2021, January 2). **3D statues at Dallas Love Field celebrate women in aviation.** Runway Girl Network. <https://bit.ly/3cYQI3X>.
10. Baskas, Harriet. (2020, December 27). **If/Then: Women in Aviation Statues at Dallas Love Field.** Stuck at the Airport. <https://bit.ly/3msqCJO>.
11. Dallas Love Field. (2020, December 10). **Rotating Exhibitions: If/Then. #If/ThenSheCan Exhibit Preview from December 10, 2020 – March 9, 2021.** Dallas Love Field. <https://bit.ly/31UMaFz>.
12. IF/THEN. (2020, December 10). **Dallas Love Field Exhibit Preview from December 10, 2020 – May 9, 2021.** IF/THEN. https://ifthenexhibit.org/exhibit_preview/.
13. Carnathan, Penny. **"Humanitarianism + Scientific Discovery = Impact."** USF Magazine, December 2020, p. 41. <http://bit.ly/2LJnkDD>.
14. Ward, Brendan. **"Learn more about Joyonna Gamble-George, a 2020 40 Under 40 honoree."** Tampa Bay Business Journal, 30 October 2020. <https://bit.ly/2HMmmbj>.
15. Ward, Brendan. **"40 Under 40: Joyonna Gamble-George, COO and chief scientific and medical officer, SciX, LLC."** Tampa Bay Business Journal, 23 October 2020. <https://bit.ly/3klhxLj>.
16. Holland, Jennifer S. (2020, October 9). **Up for the Challenge: The NHLBI Seeks Competitive Ideas From Diverse Innovators.** News and Announcements, National Heart, Lung, and Blood Institute.
17. Browning, Julia. **"If She Can See it...She Can Be it."** èBella Magazine, October 2020, p. 52-55. <https://bit.ly/33gFPWr>.
18. Gamble-George, Joyonna. (2020, September 11). Interview by John Steele, Publisher and Editorial Director. **STEM and Science Fair Stories.** Nautilus Magazine. Podcast Series.
19. Holden, Laura Kate, host. **"Episode 2."** Columbus High School Girls in Engineering, Math, and Science (G.E.M.S.) Podcast, SoundCloud, 21 September 2020. <https://bit.ly/3cUOdOy>.

20. Ward, Brendan. **"From Coke Florida to the Buccaneers, This Year's 40 Under 40 Honorees Span Many Industries."** *Tampa Bay Business Journal*, 2 September 2020. <https://bit.ly/33rXzy2>.
21. Geeky Girl Reality. **"#STEMStories: Joyonna, Scientist, USA."** STEMStories Blog, Geeky Reality Foundation, 1 August 2020, <https://bit.ly/36vRvqc>.
22. Girl Scouts of the United States of America. (2020, July 21). **Junior STEM Career Exploration Badge Activity.** <https://bit.ly/2EputWb>.
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24. National Children's Museum, host. **"Health Science Heroes."** *STEAM Daydream with the National Children's Museum Podcast*, Spotify, 11 June 2020, Episode 1. <https://spoti.fi/3iv3qXG>.
25. Sigma Xi. (2019, September 17). **Members Selected as AAAS IF/THEN Ambassadors.** <https://bit.ly/3lg9SnJ>.
26. Bernal, Daniela. (2019, September 12). **Eight SACNAS Members Selected As AAAS Ambassadors for Women in STEM.** Society for Advancement of Chicanos/Hispanics and Native Americans in Science. <https://bit.ly/3kcyPPx>.
27. Day, Molly. (2019, June 13). **NSBA Names Joyonna Gamble-George Finalist for Advocate of the Year Award.** National Small Business Association. <https://nsba.biz/award-3/>.
28. Baah, Susan. (2019, January 14). **Small Business Expo Reveals Winners for 2018 Best of Small Business Awards™.** The Small Business Expo. <https://bit.ly/2Jmmjiv>.
29. Gamble-George, Joyonna. (2018, November 20). Interview by Ryan Brown, Journalist. **Pros and Cons of Delivery Drones as a Public Health Intervention.** The Christian Science Monitor. Online Report.
30. Southern Regional Education Board. (2017, Spring). **Graduate and Scholar Accomplishments – Spring 2017: See DSP scholars, graduates and Institute scholars who are Making Headlines in Higher Education.** Presentations, Southern Regional Education Board. <https://bit.ly/2TRpndy>.
31. Vanderbilt University Initiative for Maximizing Student Diversity. **"Joy Gamble George Wins 2016 Levi Watkins, Jr. Student Award."** *Vanderbilt IMSD News*, December 2016, 6, p. 5. <https://bit.ly/36vX0VW>.
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38. University of South Florida College of Public Health. (2014, May 23). **Joyonna Gamble-George Selected to Attend Lindau Nobel Laureate Meeting.** College of Public Health News. <https://bit.ly/2GtUV1T>.
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43. Bouchard, Elise. **"Going Homeless for Friday Night."** *The Oracle*, 21 November 2005. <https://bit.ly/36CsycG>.