

SPEAKER RESUME



PROFILE

I am a scientist with 20+ years of experience in the biobehavioral sciences and biotechnology fields at Top Research I universities and publications on a variety of topics, including science communication, Alzheimer's disease pathology, anxiety and stress-related disorders, neurotoxicity, substance misuse, HIV, chronic diseases and conditions, and therapeutics.

My experience and skills can be leveraged to advance personal or professional development and an organization's vision.

I have given talks for 12+ years to diverse audiences of many sizes, including K-12 students, college students, STEM and business professionals, entrepreneurs, AI enthusiasts, government agencies, Fortune 500 companies, and non-profit organizations.

JOYONNA GAMBLE-GEORGE, PHD

EDUCATION

August 2019 – January 2020

Curriculum Certificate with Commendation in Clinical Research
National Institutes of Health, Bethesda, MD

August 2011 – August 2016

Doctor of Philosophy in Neuroscience
Vanderbilt University, Nashville, TN

August 2007 – May 2008

Graduate Certificate in Health Sciences
University of South Florida College of Medicine, Tampa, FL

August 2003 – December 2005

Master of Health Administration
University of South Florida College of Public Health, Tampa, FL

August 1998 – May 2003

Bachelor of Science in Biochemistry and Biology
Xavier University, New Orleans, LA
Cum Laude and Honors in Mathematics

KEYNOTES

October 2022

DreamWakers Flashchat
Ramsey Middle School (8th Grade Science Students)
Connecting Art and the Brain: A Scientist's Perspective on Pursuing STEAM Careers

September 2022

Scientist-in-Residence Program Lecture Series
Ocean Discovery Institute
Harnessing Brain Science to Shape Healthcare

September 2022

Women's Equality Day Celebration
NASA Goddard Space Flight Center, Wallops Flight Facility
Staying Mentally Healthy During COVID

July 2022

DreamWakers Flashchat
Girls Inc. DC
Insights on Becoming a Neuroscientist

SPEAKER STATS

- **25 KEYNOTES**
- **14 GUEST TALKS**
- **22 PANELS**
- **27 EXPERT OR Q&A INTERVIEWS**
- **4 PODCASTS**
- **1 SOCIAL MEDIA TAKEOVER**

SPEAKING TOPICS

- Breaking Barriers & Disrupting Narratives: My STE[A]M Story
- Know Thyself: Practicing Self Love, Self-Awareness Advocacy, & Self Reflection
- Making Moves to Healthier Lifestyles & Wellness
- Thinking Beyond Boundaries for Innovation and Business Development, Scalability, and Sustainability
- From Bench to Bedside to Curbside to Home: Shaping Health and Ste[A]M Policy for the Greater Good
- Shift Your Mindset: Tips for Women & POC in Stem and Difficult Spaces and Their Allies
- Life Literacy: Building and Managing Multi-Generational Knowledge, Resources, and Wealth
- Keeping It Real: Leverage Your Soft Skills to Effectively Communicate Your Science or Story
- Breaking Through: Finding Yourself, Your Passion, & Your Life Purpose

June 2022

Alcohol & Drug Abuse Center of Excellence Postdoctoral Fellow Seminar Series
Louisiana State University Health Sciences Center (LSUHSC)-New Orleans

From Mice to Humans: Behavioral Mechanisms of Substance Use and Misuse

May 2022

Revolutionize STEM Webinar Series
Becoming STEM

March 2022

Women's History Month Webinar Series
Raytheon Women's Group (RWN) and the Raytheon Black Employees Group (RAYBEN)
Raytheon Technologies
Becoming STEM

December 2021

Science Day (2nd Graders)
Pineview Elementary
Center for Integrating Research & Learning, National High Magnetic Field Lab
What Does a Neuroscientist Do?

November 2021

University of Virginia Department of Psychology Hidden Figures Lecture Series
Harnessing Brain Science to Shape Healthcare

November 2021

Northshore Technical Community College – Sullivan Lecture Series
Information Technology Careers

August 2021

Fireside Chat Series
Gender ShEquality
Women in STEM

July 2021

Career Connections with After School Matters x Chicago Housing Authority Learn and Earn Program
DreamWakers
Insights on Becoming a Healthcare or Medical Career Professional

July 2021

Global Speaker Series
Bloom
Alzheimer's Disease: What You Need to Know to Live Your Best Life

SKILLS

- Science Communication
- Curated Workshop or Seminar Presentations
- Visual Aid and Content Creation
- Curriculum Development
- Chairing or Hosting Events
- Moderating
- Storytelling
- Keynotes

CONTACT

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[@JoyonnaGamble](https://www.facebook.com/JoyonnaGamble)

TWITTER:

[@JoyonnaGamble](https://twitter.com/JoyonnaGamble)

WIKIPEDIA:

en.wikipedia.org/wiki/Joyonna_Gamble-George

WEBSITE:

www.joyonnagamble.com/

May 2021

Meet a Scientist Speaker Series

Outreach Committee of the Association for Women in Science, San Diego Chapter (AWIS-SD)

My Journey to Become a Health Scientist

April 2021

Haverford College Biology Department Seminar Series

Finding Your Life Purpose: A Neuroscientist's Career Mosaic

December 2020

Lecture Series at Coachella Valley High School and Indiana Connections Academy

Nepris (IF/THEN® Classroom Connection, now Pathful Connect)
Healthcare Pathways

October 2020

Multidisciplinary Initiative for Neuroscience Discovery Brain Science Speaker Series

Louisiana State University (LSU)

Harnessing Brain Science to Shape Healthcare

October 2020

Lecture Series at William G. Enloe High School

Nepris (IF/THEN® Classroom Connection, now Pathful Connect)
Health Careers

September 2020

International Museum of Surgical Science (IMSS) Lecture Series

The Neuroscience of Alzheimer's

August 2020

AI Talks in Healthcare 6 Webinar

Magnimind Academy

AI in Healthcare: Perspectives from Industry, Academia, and Government

May 2020

IF/THEN® Women in STEM Series at Basehor-Linwood High School

Nepris (IF/THEN® Classroom Connection, now Pathful Connect)
What Does a Neuroscientist Do?

March 2020

IF/THEN® Women in STEM Series at Evangeliki Model High School of Smyrna

Nepris (IF/THEN® Classroom Connection, now Pathful Connect)
What Does a Neuroscientist Do?

March 2020

Lecture Series at the Alternative School at Lumberton Campus
Nepris (IF/THEN® Classroom Connection, now Pathful Connect)
Scientific Method

February 2020

Lecture Series at Eastlake Elementary School
Nepris (IF/THEN® Classroom Connection, now Pathful Connect)
Health Science Careers Without a 4-Year Degree

January 2020

Lecture Series at Catasauqua Middle School (5th Graders)
Nepris (IF/THEN® Classroom Connection, now Pathful Connect)
LEGO Portraits

GUEST SPEAKING

June 2022

Summer Program in Neuroscience, Excellence and Success
The University of Chicago and Marine Biological Laboratory
From Mice to Humans: Behavioral Mechanisms of Substance Use and Misuse

November 2021

4th Annual STEM Career Day
Frontiers of Flight Museum
What Does a Neuroscientist Do?

August 2021

Year-End Summit and Send-Off (YESS)
Science and Technology Policy Fellowships (STPF) at the National Institutes of Health
American Association for the Advancement of Science (AAAS)
Going Beyond Brain Science to Impact Public Health: An Overview of My AAAS STP Fellowship

June 2021

Simply Neurocon 2021
Simply Neuroscience
Understanding the Brain from Cells to Behavior in Neurodegenerative Diseases and Anxiety Disorders

August 2020

Ai4 2020 Conference
AI-Driven Predictive Analytics for Heart Disease

August 2020

Brite Summer Camp (High School Students)
World Science Foundation
National Girls Collaborative Project
Hello Studios
Anxiety and Mindfulness

November 2016

Interactions Between Stress and Immune Function
Nanosymposium
Society for Neuroscience's 46th Annual Meeting, Neuroscience 2016
The Effects of Cyclooxygenase-2 Inhibition on Stress-Induced Behavioral and Synaptic Pathologies

July 2016

**8th International Neuroscience and Biological Psychiatry
Regional International Stress and Behavior Society Conference
Yokohama, Japan**

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

July 2016

**39th Annual Meeting of the Japan Neuroscience Society
Yokohama, Japan**

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

October 2015

**Summer Program in Neuroscience, Ethics, and Survival: 2015
Symposium**

Marine Biological Laboratory and the University of Chicago

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

June 2015

**1st Annual National Enhancement of Underrepresented
Academic Leaders Conference**

The University of Alabama at Birmingham

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

March 2015

**Journal Club in the Laboratory of Brian Kobilka, MD
Department of Molecular and Cellular Physiology and
Medicine, Stanford University School of Medicine**

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

June 2014

**Certificate Program in Molecular Medicine Retreat
Howard Hughes Medical Institute/Vanderbilt University Medical
Center**

*Endocannabinoid Augmentation Through Substrate-Selective
COX-2 Inhibition: Behavioral Effects in an Animal Model of
Stress-Induced Anxiety*

July 2010

**Summer Program in Neuroscience, Ethics, and Survival: 2010
Symposium**

Marine Biological Laboratory

*Subchronic Methamphetamine Exposure: Molecular and
Synaptic Targets*

SPEAKING ON PANELS

November 2022

Virtual Global Panel Discussion
Life Service Center of America
Mental Health

October 2022

Virtual IF/THEN® Women in STEM Panel Discussion at the 2022
Women of Color STEM DTX Conference
Career Communications Group, Inc.
Women of Color Magazine
Raytheon Technologies

Securing Your Seat at the Table: Passion Discovery, Leadership Building, and Career Advice for Women STEM Professionals

June 2022

Virtual Alumni Panel for the Science and Technology Policy
Fellowships (STPF) at the National Institutes of Health
American Association for the Advancement of Science (AAAS)
Fostering Strong Mentorship Relationships and Expanding Professional Networks

March 2022

Inspiration & Exploration: STEM Career Expo
The Tech Interactive
Geena Davis Institute on Gender in Media

From Insights to Advice: My STEM Journey to Become a Health Scientist?

March 2022

Virtual Panel Discussion at Science ATL's Atlanta Science
Festival
American Association for the Advancement of Science (AAAS)
IF/THEN® Initiative
Lyda Hill Philanthropies

Women in STEM: Learning from Monumental Leaders

January 2022

Virtual Global Panel Discussion
Life Service Center of America
Recovering Drug Addicts

August 2021

Virtual NIH Pre-Orientation Welcome and Alumni Panel
Science and Technology Policy Fellowships (STPF) at the
National Institutes of Health
American Association for the Advancement of Science (AAAS)
How to Get the Most Out of Your AAAS Science and Technology Policy Fellowship

March 2021

Enhancing Neuroscientific Discovery Through Diverse Communities Conference

Neuroscience Scholars Program at the Society for Neuroscience

Creating Community

June 2021

Stigma Research Training Institute

Fogarty International Center at the National Institutes of Health

NIH Stigma Funding Opportunities and Research Directions

December 2020

Career Conversations with KIPP NYC College Prep High School Nepris (IF/THEN® Classroom Connection, now Pathful Connect)

Human Services and Business

November 2020

Women Elevating Women (W.E.W.) Global Business Conference

Courage Pillar

November 2020

Virtual STEM Expo

Girls Scouts of Greater Atlanta

Data Bites: Connecting Girl Scouts to the STEM Community

October 2020

2020 SACNAS: The National Diversity in STEM Virtual Conference

Staying Power Tips from AAAS IF/THEN® Ambassadors:

Empowerment through Self-Advocacy for Women in STEM

September 2020

Wonder Women Tech Summit

Pioneering Science: The Women Making Scientific

Advancements

September 2020

MetaCell Webinar

New Perspectives on Patient Data Shaping Mental Health

September 2020

Virtual Career Panel for High School Students

Communities in Schools of Jacksonville

Dr. Tay's STEM Consulting Service (S.T.E.M.ING WHILE BLACK Initiative)

US Department of Education (USDOE) Gaining Early Awareness and Readiness for Undergraduate Potential (GEAR UP)

Minorities in S.T.E.M

August 2020

STEM Career Panel Series

Reinvented Magazine

STEAM Dreamers

August 2020

“S.T.E.M.ING WHILE BLACK” Panel Series

Dr. Tay’s STEM Consulting Service

PART III: The Black Women in S.T.E.M. Edition

July 2020

“S.T.E.M.ING WHILE BLACK” Panel Series

Dr. Tay’s STEM Consulting Service

PART II: Imposter Syndrome, Racism in S.T.E.M., Code Switching, and More!

June 2020

“S.T.E.M.ING WHILE BLACK” Panel Series

Dr. Tay’s STEM Consulting Service

PART I: You Asked and We Answered!

February 2019

“Taking Your Advocacy to the Next Level” Webinar

Society for Neuroscience

Building and Maintaining Relationships with Members of Congress

August 2018

Health:Further Clinician Innovator and Entrepreneur Festival

Tokenizing Health Summit

Patient Sovereignty

CHAIRING, HOSTING, AND MODERATING EVENTS

October 2021

Health Administration Program Webinar

American Public Health Association (APHA) 2021 Annual Meeting and Expo

Improving Health Equity in Population-Specific Health Services and Programs

Served as Moderator

October 2021

Health Administration Program Webinar

American Public Health Association (APHA) 2021 Annual Meeting and Expo

Innovations in Health Administration and Leadership

Served as Co-Host

October 2020

National Heart, Lung, and Blood Institute Virtual Workshop

**Center for Translation Research and Implementation Science
National Institutes of Health**

Integration of Behavioral Economics into Implementation Research, to Address Heart, Lung, Blood and Sleep Conditions

Served as Moderator

October 2020

Workshop at 2020 SACNAS: The National Diversity in STEM Virtual Conference

Staying Power Tips from AAAS IF/THEN Ambassadors: Empowerment through Self-Advocacy for Women in STEM
Served as Chairperson and Guest Speaker

April 2012

**International Federation of Medical Students' Association
International Students' Meeting on Public Health
13th World Congress on Public Health
Ethiopian Public Health Association
Addas Ababa, Ethiopia**

Towards Global Health Equity: Opportunities and Threats
Served as Co-Chairperson and Moderator

EXPERT OR Q&A INTERVIEWS

Biomedical and Behavioral Sciences

1. Gamble-George, Joyonna. (2016, April 26). Interview by Rae Ellen Bichell, Journalist. **Endocannabinoid System, Drug Discovery, and Clinical Trials**. Health News from the National Public Radio (NPR). Online Report.
2. Poulin, Emily. (2015, Spring). **Reversing the Effects of Stress on Anxiety**. BRET: Results and Discussion, Vanderbilt University School of Medicine, 1, p. 6. <https://bit.ly/3jwZwik>.
3. 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>.

Community Outreach

1. Bouchard, Elise. **“Going Homeless for Friday Night.”** *The Oracle*, 21 November 2005. <https://bit.ly/36CsycG>.

Diversity, Equity, Inclusion, and Belonging

1. Todd, Paula Garcia. **“Meet the Role Models Who Are Inspiring More Girls into STEM Fields.”** *Re.engineer Magazine*, Spring 2022, p. 74-79. <https://bit.ly/3x2Jh10>.
2. Hunt, Geoff. **“Women in STEM: A Profile of AAAS IF/THEN® Ambassadors.”** *The American Society for Microbiology*, Washington, DC, 23 March 2022, <https://bit.ly/3wU8wpE>.
3. Semyon, Cassie. **“Smithsonian celebrates Women's History Month with historic 120-statue exhibit.”** *Spectrum News 1*, Washington, DC, 12 March 2022. <https://bit.ly/3dS7yVI>.
4. Hahn, Fritz. **“Got a kid with a blossoming interest in STEM? These spots will inspire a love of science.”** *The Washington Post*, Washington, DC, 10 March 2022, <https://wapo.st/3yYhi8Z>.

5. Reuters. “**Wow that could be me!': Life-size statues of women in STEM hanker for girl empowerment.**” SABC News, Washington, DC, 4 March 2022. <https://bit.ly/3Acd0tm>.
6. 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/3r2u28j>.
7. 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>.
8. Spiro, Mary. (2021, January 15). **Member profile: Joyonna Gamble-George.** The American Society for Cell Biology. <https://bit.ly/3mskn8l>.
9. Browning, Julia. “**If She Can See it...She Can Be it.**” èBella Magazine, October 2020, p. 52-55. <https://bit.ly/33gFPWr>.
10. Gamble-George, Joyonna. (2020, September 11). Interview by John Steele, Publisher and Editorial Director. **STEM and Science Fair Stories.** Nautilus Magazine. Podcast Series.
11. Geeky Girl Reality. “**#STEMStories: Joyonna, Scientist, USA.**” STEMStories Blog, Geeky Reality Foundation, 1 August 2020, <https://bit.ly/36vRvqc>.
12. Miller, Suzanne. “**#BlackinNeuroWeek kicks off.**” Integrative and Comparative Biology Blog, Journal Integrative and Comparative Biology, 28 July, 2020, <https://bit.ly/36vRvqc>.
13. 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>.

Entrepreneurship, Technology, Innovation, and Business Development

1. Smith, Erika. “**Meet Joyonna Gamble-George.**” Local Stories, VoyageMIA, 19 May 2022. <https://bit.ly/39TqtNw>.
2. Ward, Brendan. “**Learn more about Joyonna Gamble-George, a 2020 40 Under 40 honoree.**” Tampa Bay Business Journal, 30 October 2020. <https://bit.ly/2HMmvsbj>.
3. 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/3klhxLi>.

Public Health and Clinical Research

1. 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>.

2. Carnathan, Penny. “**Humanitarianism + Scientific Discovery = Impact.**” USF Magazine, December 2020, p. 41. <http://bit.ly/2LJnkDD>.
3. 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.
4. 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.
5. Johnson, Teddi Dineley. “**Speed Mentoring Ramps Up Future Public Health Leaders’ Careers.**” *The Nation’s Health*, February 2009, 39(1): 8. <https://bit.ly/33xtl7L>.
6. Prater, Tiffany, and Mathis, Christina. (2008, Fall). **From CSI to STDs: AHEC Scholars Help Communities in Need.** Laurel Civic Association, Area Health Education Center Program, USF College of Medicine, p. 6. <https://bit.ly/3xvjrGx>.

PODCASTS

Diversity, Equity, Inclusion, and Belonging

1. Dr. Natoshia Anderson, host. “**Meet Dr. Joyonna Gamble-George: It’s the Science Y’all; Ignorance Is Not Bliss; COVID-19.**” STEMming in Stilettos with Dr. Toshia Podcast, Spotify, 2 February 2021. <https://spoti.fi/3dHuPWe>.
2. 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>.
3. 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>.

Entrepreneurship, Technology, Innovation, and Business Development

1. 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>.

SOCIAL MEDIA TAKEOVERS

1. Gamble-George, Joyonna. “**What Does My Day Look Like as a Health Professional and Neuroscientist? Experiences in the Public Health and Biomedical Science Fields and Advice for Students.**” Accelerator Community, Instagram, 2 September 2020. <https://bit.ly/3gxMPHo>.