



JANESSA SOCHIMA ANEKE

PUBLIC HEALTH SCIENTIST



PROFILE

Dedicated and skilled interdisciplinary scientist with 10 years of experience specializing in **research** (molecular biology, microbiology, health policy), **science communication** and **international diplomacy**. Proficient in **stakeholder engagement** and **building partnerships**. Experienced in working within interdisciplinary and international settings. Seeking roles to utilize my expertise to enhance missions that improve the SDGs.

SKILLS

Strong Writing and Reporting: Produces high-quality written materials, including policy research reports and scientific publications, effectively communicating complex information to diverse audiences.

Interministerial Coordination: Successfully coordinates federal agencies, enterprises, and academic institutions to foster collaboration and consensus for health and science missions.

Interdisciplinary Maverick: Demonstrates expertise in integrating data science with public health initiatives, driving innovative solutions to complex health challenges.

THESES

Decoding Vaccine Hesitancy: Exploring Public Sentiment Towards Immunization on Social Media (2023)

Prospects for Control of the African Malaria Vector through Chemosterilization (2017)

EDUCATION

Diplôme, Recherche-Creation

Université Paris 8, ArTeC

10/2023 - 05/2024

Master of Science, Sciences Numeriques

Université Paris Cité

09/2022 - 09/2023

Master of Health Science, Microbiology and Immunology

Johns Hopkins School of Public Health

08/2016 - 12/2017

Bachelor of Science, Biology

Emory University

08/2011 - 05/2015

LANGUAGES

English Native

French B1

Spanish B1

Scientific Collaboration Specialist

North Atlantic Treaty Organization, Science & Technology

2/2025 - Present

- Facilitating **collaboration** among scientists and increasing **outreach** to scientists in the Allied nations in NATO's Science and Technology Organization for its security and defense missions.

Maternal, Newborn and Child Health Researcher

World Health Organization, University of Oslo

11/2023 - 06/2024

- Developed the digital commitment compendium to collate women, children, and adolescent health (WCAH) **policy, financing and service delivery** pledge documentation made for Senegal.
- Spearheaded **communications** to highlight government, NGO, and private sector achievements in WCAH in Senegal, **increasing** the Digital Hub engagement by **27%**.

Data Scientist

Université Paris Cité, Learning Planet Institute

04/2023 - 09/2023

- Developed a database of **10,000+ social media posts** about vaccine hesitancy.
- Employed **machine learning** (NLP) for sentiment analysis of social media text data, uncovering societal attitudes towards vaccination for public health improvement and **social impact**.

Embassy Science Fellow

U.S. Department of State, Institute for Bioengineering of Catalonia

06/2022 - 01/2023

- Increased **international scientific collaboration** and **diplomacy** with the Institute for Bioengineering of Catalonia in Barcelona, Spain.
- Compiled **30+** American **funding opportunities** across **public, private, and philanthropic** mechanisms.

Microbiologist/Inspector

Centers for Disease Control and Prevention, DSAT

10/2020 - 08/2022

- Administered **25+ inspections** of laboratories to ensure **compliance** with federal **health regulatory requirements** for the Import Permit Program.
- Led personnel **interviews** and prepared **written reports** of inspection findings.
- Developed a tool to **automate** safety risk score calculation, **increasing** inspection **efficiency by 30%**.

Microbiologist

Centers for Disease Control and Prevention, NCIRD

03/2018 - 10/2020

- Led microbiological and molecular testing to identify reportable infectious agents (*Corynebacterium diphtheriae*), managing **over 1,000 cases**.
- Managed surveillance activities, data management, and expanded outbreak response testing with international collaborators.
- Ensured adherence to CLIA **regulations** and eLIMS data management quality.

RELEVANT COURSEWORK

Scientific Writing | Bacteriology | **Microbiology** | Data Science | **Statistics** | Computational Biology | **Immunology** | Vector Biology | **Molecular Biology** | Virology | **Parasitology** | Machine Learning | **Data Science** | Data Visualization | **Agile Methods** | Project Management | **International Infectious Diseases** | Global Disease Control Programs