

Oluwafikayo Seun Adeyemi-Benson, MD, MPH

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OBJECTIVE

My objective is to leverage my extensive experience in public health and healthcare to contribute as a Public Health Professional at your department. With expertise in healthcare management, clinical research, data analysis, and medical education, I aim to elevate the standards of professional in public health service. My goal is to bridge the gap between public health and healthcare practices while also advancing ethical practices, rigorous research, and public health policies. Through scholarly contributions in culturally aware public health education, I aspire to work with a comprehensive public health knowledge and foster culturally sensitive and population-centric strategies to address health disparities, improve healthcare outcomes, and promote overall well-being. Selected core competencies include:

- Substantial understanding of medical research protocols and data management
- Proficiency in SAS, Stata, SPSS, Microsoft Word, Access, PowerPoint, and Excel
- Comprehensive knowledge of IRB regulations and clinical trials
- Expertise in comprehensive and advanced statistical analyses
- Proficient in quantitative and qualitative research methodology and practical applications
- Demonstrated experiences and expertise in diversity, equality, inclusion (DEI), and cultural concordance

EDUCATION

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| 2019 - 2024 | PhDc | Community Health and Preventive Medicine PhD Program University of Illinois at Urbana- Champaign (UIUC) Urbana, Illinois <u>Dissertation Title:</u> Survey of Diet & Health of West African Immigrants (Defense Date: January 10, 2024) <u>Committee Chair:</u> Alston Reginald J. Alston, Ph.D. |
| 2023 - 2024 | MBA | Master of Business Administration (MBA) Ladoke Akintola University of Technology, Nigeria |
| 2017 - 2019 | MPH | Master of Public Health (GPA 4.0) with Graduate Certificate: Emergency Preparedness & Homeland Security University of Illinois at Springfield (UIS) Springfield, Illinois |
| 2005- 2015 | MBBS | Degree in Medicine and Surgery (equivalent to an MD degree in the USA) Ladoke Akintola University of Technology, Nigeria |

PROFESSIONAL EXPERIENCE

University of Illinois Springfield

MPH Adjunct Faculty

Springfield, Illinois

2022 – present

- Introduced the basic principles and methods of Biostatistics, providing a general overview of statistical methods commonly used in the collection and analysis of health research data.
- Taught Biostatistics topics such as descriptive statistics, basic concepts of probability, statistical inference, analysis of variance (ANOVA), correlation, regression, distribution-free methods, and comprehensive use of statistical software.

- Developed 100+ teaching PowerPoint slides and built Biostatistics teaching materials such as instructional videos, lecture notes, and concept handouts.
- Participated actively in MPH faculty meetings and provided hands-on perspectives in curriculum discussion and course development that meets the accreditation from the Council on Education for Public Health (CEPH).
- Collaborated with MPH Graduate Assistants to launch the National Public Health Week health promotion campaigns in the area of mental health; led MPH students to work with diverse populations and communities among Illinois counties and African countries.
- Established the MPH Career Development Mentorship program; spoke about internship/job searching experience along with personalized insight and offered real-world examples.

United Nations Association - USA

Chicago, Illinois

Director of Global Goals

2022 – present

- Expanded the ambassador network by 72% through targeted outreach and engagement initiatives.
- Implemented a streamlined process for Program Proposals, resulting in a 98% increase in successful project executions.
- Developed and executed a media engagement strategy, resulting in increased visibility and coverage of UNA-Chicago initiatives.
- Established strategic partnerships with local organizations, amplifying the impact of global goals within the Chicago community.
- Lead a team of 2 co-chairs and 17 ambassadors each representing Global Goals in organizing high-impact events, contributing to increased community involvement and awareness of UNA-Chicago's mission.
- Initiated and managed a mentorship program for Ambassadors, fostering professional growth and enhancing their contributions to global goals.

**Sage and Enamel Foundation (SANDEF) -
Stop Hunger, Secure Housing, and Advance Mental Health Services**

**Lagos, Nigeria
Urbana, IL, USA**

Executive Director

2019 – present

- Direct projects that enhance public health/public safety collaborations through the identification of appropriate local partners, qualitative and quantitative data collection, and dissemination of project findings.
- Formulate project-related goals, objectives, operating policies, strategic plans, guidelines, governance, standards, and priorities to ensure consistency with departmental standard operating procedures.
- Develop and strategize the SANDEF's plans and policy changes following the governance decision of the Board and requirements of funding agencies.
- Submit and direct the submission of timely and accurate reports and forms to the Board of directors, advisory councils, and foundation sponsors.
- Establish and maintain relationships with other non-governmental organizations, national/state/local organizations, government offices, and other public and community health agencies, building collaborations to expand services to the underserved, minorities, and uninsured.
- Implement effective systems of management and control to ensure that quality public healthcare service is being rendered in a cost-effective manner, ensuring that funds, personnel, equipment, and supplies are utilized effectively and efficiently in carrying out the foundation's policies and plans.
- Responsible for assisting with the management, implementation, launch, and evaluation of new programs of the organization.

- Coordinate and manage project planning, project development, and strategic planning among various staff and determine proper project delivery methods.
- Direct operations in partnership with the business development team to prepare for and operationalize new work as it pertains to new projects or programs.
- Interact with the communications staff to develop communications strategies to implement the foundation's goals and objectives.
- Contribute to resource mobilization efforts for the assigned project in consultation and collaboration with internal and external stakeholders.

University of Illinois at Urbana Champaign

Urbana, Illinois

Graduate Research and Teaching Associate

2019 – present

- Co-write grant proposals and collaborate with Principal Investigators Co-write grant proposals and collaborated with Principal Investigators on various research tasks, including statistical analysis of data and varied activities as required by the principal investigator.
- Perform comprehensive literature reviews and proficiently analyze data for research publications and presentations.
- Work closely with faculty members and fellow research assistants to facilitate seamless project execution and data collection.
- Provide individualized mentoring and academic assistance to undergraduate and graduate students, clarifying coursework and addressing queries effectively.
- Offer input and insights into research design and methodologies, aiding in refining project approaches.
- Organize workshops and seminars, facilitating discussions and contributing to the academic environment.
- Demonstrate proficiency in diverse technical tools/software relevant to research and teaching activities.

Illinois Department of Public Health (IDPH)

Springfield, Illinois

Coverage Level Intern (Division of Infectious Diseases)

2017 – 2019

- Monitored the implementation of the CDC's Assessment, Feedback, Incentive, and (AFIX) program (now Immunization Quality Improvement for Providers, IQIP) designed to measure immunization coverage for children without medical insurance in the state of Illinois.
- Implemented and successfully modernized Public Health Community Assessment and Planning activities to enhance immunization compliance in the state of Illinois.
- Designed and oversaw yearly surveys of immunization compliance among state and privately owned colleges in the state of Illinois thus optimizing the percentage of students immunized against vaccine-preventable diseases to the recommended value by the Centers for Disease Control and Prevention (CDC).
- Developed surveys for efficient data collection to ensure data integrity and completeness for 3 cross-sectional studies.
- Contributed to the writing of literature reviews, program reports, manuscripts, and poster presentations for conferences.
- Crafted interview guides for qualitative data collection, encompassing focus groups and in-depth interviews.
- Facilitated focus groups with research participants.
- Initiated new evidence-based breast cancer early intervention to address the specific cultural needs of African immigrant groups recently settled in the United States.
- Collaborated in implementing Healthy Eating Research (a Robert Wood Johnson Foundation program) systematic literature review paper to understand food purchasing trends in the US to form a theoretical foundation for the foundation's future research agenda.
- Prepared IRB applications and managed work plans for research projects.

- Co-authored in grant writing and other research activities such as statistical analysis of data, grant writing, and other activities.

Armed Forces Specialist Hospital

Kano, Nigeria

Physician / Medical Doctor

2016 – 2017

- Practiced medical management and specialized surgical care to treat over 2,500 military staff and family members.
- Took a proactive role in the development and implementation of clinical services in the facility under local, national, and international policy.
- Played a leading role in maintaining up-to-date knowledge in the field of global surgery through continuous professional development.
- Facilitated the development of procedures and systems to assess and minimize risk to Surgical and Medical staff, as well as others.
- Took a lead role in ensuring that the medical and surgical services provided encompass the physical, social, and emotional needs of patients/clients.
- Participated proactively in surgical rounds, offering valuable insights and recommendations to enhance patient care.
- Contributed to the development of a strategic plan for health services and advocated for its implementation.
- Supported in the management of the networks of hospitals, ensuring that the hospitals keep up with the agreed service level agreements, and ensuring the patients receive expected quantitative/qualitative health care services.
- Provided counseling and support to patients and their families on a wide range of health and lifestyle issues.
- Prescribed and administered routine surgery, medications, and treatment, providing emergency care and managing acute care situations.
- Maintained adequate drug inventory across all networks of in-house clinics, adhering to company stockholding policies.
- Demonstrated exceptional attention to detail and accuracy in maintaining thousands of comprehensive patient records and documentation.
- Ensured timely and complete reordering of healthcare materials and drugs, maintaining optimal stock levels and driving world-class inventory processes and operations.

General Hospital

Lagos, Nigeria

Medical Intern

2015 – 2016

- Conducted detailed clinical histories and examinations, ordered appropriate laboratory tests, radiological examinations, and other diagnostic procedures, and consulted with specialists from other medical disciplines to comprehensively evaluate patients.
- Organized educational meetings involving other units, such as radiology conferences, histopathology conferences, and morbidity/mortality meetings.
- Participated actively in the clinical in-patient duties (including surgical wards, intensive care unit, and obstetrics and gynecological consultation), clinical outpatient duties (including continuity clinics and surgical clinics) core curriculum lecture series (inpatient, outpatient, morbidity, and mortality).
- Maintained the highest standards of theater ethics and adhered to best-practice surgical procedures at all times, actively participating in both emergency and elective surgical operations.
- Provided leadership in directing clinical duties of the unit, while on call.

PEER-REVIEWED PAPERS

1. **Adeyemi OS**, Roehl AM, Flores E, & Singleton CR. (2023) Differences in Nutrient Intake and Diet Quality among Non-Hispanic Black Adults by Place of Birth and Length of Time in the United States.
2. Dandison U, Olayemi O., Oluwafemi SB, Chijioke EN, Sunday AO, Emmanuel AK, Richard A., Frank AM, Luqman A., Donald DA, & **Adeyemi OS**. (2021). Unemployment, Personality Traits, and the Use of Facebook: Does Online Social Support Influence Continuous Use?
3. Singleton, CR, Winata, F., **Adeyemi, OS**, Parab, KV, and Aguiñaga, S. (2021) Violent Crime, Physical Inactivity, and Obesity: Examining Differences in Spatial Relationships by Racial/Ethnic Composition of Community Residents.
4. Singleton CR, **Adeyemi OS**, Parab KV, Roehl AM, Flores E, Adams AM, Quintiliani LM, & Dulin A. (2020). Society of Behavioral Medicine (SBM) Position Statement: Provide Funding for Incentive Programming to Expand Healthy Food Offerings in Small Food Stores.
5. Singleton CR, Pionke JJ, **Adeyemi OS**, Roehl AM, Winkler M, Houghtaling B & Anderson-Steeves E. (2020) Understanding the Intersection of Race/Ethnicity, Socioeconomic Status, and Geographic Location: A Review of Literature on Consumer Food Purchasing Trends and Recommendations for Future Research.
6. Oluwatosin A., Adeleye AA, Moses K., Adeola E., Adefisoye A., **Adeyemi OS**, & Temitope Tawose-Adebayo. (2020). Low Breastfeeding Practices: Are Female Health Care Workers Guilty Too?

WORKING PAPERS (IN- PROGRESS)

1. **Adeyemi OS**, Adamu I, Aguiñaga S, Khan N, Schwingel A, Singleton CR, PhD. Dietary Behaviors Among West African Immigrants: Assessing Adherence to Dietary Guidelines and Acculturation Influence.
2. **Adeyemi OS**, Adamu I, Aguiñaga S, Khan N, Schwingel A, Singleton CR, PhD. Barriers to Healthy Eating Among West African Immigrants: Factors Impacting Dietary Choices in a New Cultural Context.
3. **Adeyemi OS**, Adamu I, Aguiñaga S, Khan N, Schwingel A, Singleton CR, PhD. Association of Dietary Patterns Among West African Immigrants with Obesity, Hypertension, and Type 2 Diabetes.
4. Singleton CR, Adams AM, **Adeyemi OS** & Gobin RL. Associations between Depression Status and Ready-to-Eat & Ready-to-Heat Meal Acquisition and Consumption.
5. Singleton CR, Adams AM, Parab KV, **Adeyemi OS**, Roehl AM, & Flores E. Evaluating the Intersection of Race/Ethnicity & Socioeconomic Status: An Assessment of Food-Away-From-Home (FAFH) Purchasing among U.S. Households.

SELECTED CONFERENCE PAPERS AND PRESENTATIONS

1. **Adeyemi, O. S.**, Roehl, A. M., Flores, E., & Singleton, C. R. (2021). Abstract P127: Associations Between Acculturation, Nutrient Intake, And Diet Quality Among Non-Hispanic Black Adults In The United States. American Heart Association EpiLifestyle 2021 Conference.
2. Roehl AM, **Adeyemi, O. S.**, Flores E, Singleton CR. Differences in Fruit and Vegetable Purchases Between U.S. Rural and Urban SNAP Households. ISBNPA 2021.
3. Singleton, C.R., Winata, F., **Adeyemi, O. S.**, Parab, K.V., and Aguiñaga, S. (Accepted). Violent Crime, Physical Inactivity, and Obesity: Examining Differences in Spatial

Relationships by Racial/Ethnic Composition of Community Residents. **Oral Presentation.** American Heart Association EpiLifestyle 2021 Conference.

4. Singleton, C.R., Winata, F., **Adeyemi, O. S.**, Parab, K.V., and Aguiñaga, S. Violent Crime, Physical Inactivity, and Obesity: Examining Differences in Spatial Relationships by Racial/Ethnic Composition of Community Residents. **Oral Presentation.** 2021 Nutrition Symposium, Division of Nutritional Sciences (DNS), University of Illinois at Urbana-Champaign.
5. **Adeyemi, O. S.**, School Health Immunization Updates, Cook County Department of Public Health Annual School Health Conference, Polos Hills IL, USA, 2018.
6. **Adeyemi, O. S.**, School Health Immunization Updates, Illinois Department of Public Health (IDPH) Vaccine for Children Annual Compliance Training Conference, Springfield IL, USA, 2018.
7. **Adeyemi, O. S.**, Increasing Vaccination Rates through Patient Engagement Strategies, Illinois Primary Health Care Association (IPHCA) Health Source 2018.

RECOGNITION / MEDIA COVERAGE

1. **Adeyemi, O. S.** (2023). 61st Session of the United Nations Commission for the Social Development. Hosted by American Telephysicians.
https://www.youtube.com/watch?app=desktop&v=BS3cWI_pdUw
2. **Adeyemi, O. S.** (2022). Keys to Personal Development | Oluwafikayo Seun Adeyemi-Benson | **TED x LAUTECH.** <https://www.youtube.com/watch?v=EY59U9eBhC4>