

Roblena E. Walker, PhD

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EDUCATION

Women in Education Leadership Certificate

Harvard University, Cambridge, MA, October 2019

Global Health Delivery Certificate

Harvard University, Cambridge, MA, October 2017

Doctor of Philosophy - Public Health

Walden University. June 2012

Doctor of Philosophy - Biology – 30 credits

Clark Atlanta University, Atlanta, GA

Bachelor of Science in Biology. May, 2006

South Carolina State University, Orangeburg, SC

PUBLIC HEALTH AND EPIDEMIOLOGICAL RESEARCH EXPERIENCE

- Plans, develops, and implements public health programs among various public, private, and non-profit related organizations
- Develops public health communication messages for targeted audiences
- Develops training courses to assist with special public health studies
- Analyzes project implementation procedures for improvement, while working with program specialists and/or scientists
- Writes and publishes research reports and findings
- Conduct analysis of strategies, tools, and utilization of methods for quality control and prevention
- Identifies and analyzes public health issues and their impact on public policies or scientific studies or surveys
- Consults, monitors, and measures the outcome of assigned programs through studies that evaluate the effectiveness of subject activities in meeting the needs of program participants
- Provides scientific advice and technical assistance to various public, private and/or nonprofit health and/or health-related agencies and organizations for specific programs or issues

WORK AND RESEARCH EXPERIENCE

Western Governors University

Salt Lake City, Utah

College of Business – Healthcare Management Course Instructor

March 2018 – Present

- Teaches online undergraduate courses in Healthcare Management and Administration
 - C425 – Healthcare Delivery Systems, Regulation, and Compliance

- C426 – Healthcare Values and Ethics
- C428 – Financial Resource Management in Healthcare
- C430 – Healthcare Quality Improvement and Risk Management
- C432 – Healthcare Management and Strategy
- Serves as a Subject Matter Expert and provides curriculum development within the discipline
- Develops and implements course competencies and tools
- Develops innovative teaching strategies that fosters student learning and engagement
- Implements technology-based teaching practices and communication platforms for students

Centers for Disease Control and Prevention

November 2016 – December 2018

Atlanta, GA

Division of Preparedness and Emerging Infections National Center for Emerging and Zoonotic Infections Diseases

Scientific Instructional Designer – Contractor

- Developed scientific and instructional design e-learning courses for labs and clinics nationwide, focusing on principles of biosafety, risk assessment, blood borne pathogens and hazard control
- Worked with subject matter experts to design, develop and deploy e-learning courseware content for an array of self-paced learning modules delivered electronically
- Converted presentations and classroom based learning to e-Learning and blended learning formats
- Performed quality testing on courseware
- Worked with end users to gather feedback and enhancement requests for e-Learning modules

Center for Professional Academic Consulting, LLC

July 2015 – Present

Minneapolis, MN

Curriculum Developer and Advisor – Consultant

- Plans, develops, and implements public health programs among various public, private, and non-profit related organizations
- Plans, implement, and provides training for online, technical, and traditional universities public health or health-related professors
- Provides scientific and instructional design and curriculum development services to Colleges and Universities
- Assist in the development, delivery of training courses
- Reviews and prepares grant proposals for colleges and universities
- Assist colleges and universities with the accreditation process to include preparation, program development and evaluation and institutional effectiveness.

Capella University

July 2013 – December 2016

Minneapolis, MN

School of Nursing and Health Sciences

Faculty/Dissertation Mentor/Scientific Merit Reviewer/Course Developer- Public Health and Healthcare

- Served as a dissertation mentor and committee member for Professional Doctorates and PhD learners
- Served as a Scientific Merit Reviewer for Professional Doctorates and PhD learners to ensure the

- quality and integrity of dissertation research
- Served as Subject Matter Expert in the development of public health and healthcare leadership course curriculum
- Taught online public health courses, demonstrating knowledge of adult learning theory and practices, to include learning contracts, collaborative learning, and active learning strategies
- Built an online community conducive to the spirit of learning and continuous improvement in a positive, learner-focused environment
- Responsible for ensuring that learners receive quality educational experiences consistent with stated course and specialization outcomes
- Assessed learning through feedback, coaching, and interpersonal skills

Messages of Empowerment Productions, LLC

January 2010 – December 2013

Atlanta, GA

Public Health Evaluation Intervention Specialist - Internship

- Designed, lead, implemented and conducted major scientific surveys/studies, research or projects to identify and solve public health problems
- Developed qualitative and quantitative methods and strategies for planning, evaluating, and documenting program activities
- Evaluated public health programs or issues and the application of the knowledge of behavioral and social science theories, methods and techniques to the analysis of public health issues and formulation of policy or program development and evaluation
- Researched and conducted data analyses of program problems
- Prepared reports and program documentation on research findings and evaluation results
- Conducted assessments, compliance reviews, and coordinated evaluation data to develop program guidelines, goals, plans, and strategies
- Served as a representative to the Office on Women's Health

Centers for Disease Control and Prevention

June 2009 – September 2012

Atlanta, GA

Division of Preparedness and Emerging Infections National Center for Emerging and Zoonotic Infections Diseases

Molecular Biologist/Research Scientist - Contractor

- Executed research into the development of diagnostic real-time polymerase chain reaction (PCR) detection assays and reverse transcription polymerase chain reaction (RT-PCR) for bioterrorism threat agents such as Ebola and Marburg Viruses
- Served as project leader on the evaluation of three Real-time PCR Chemistries for the detection of *Bacillus anthracis* Spores
- Performed serological testing; Serum antibody testing Staphylococcal Disease, *Bacillus anthracis* (anthrax) antibodies, *Rickettsia*, and *Francisella tularensis*
- Authored scientific manuscripts for research studies related to diagnostics for bioterrorism agents;
- Ensured compliance with federal regulatory requirements for biosafety laboratories 2 and 3
- Communicated with a variety of lab/organizations in the scientific community.
- Assessed and developed materials designed to communicate to the scientific community.
- Trained summer students on the components of Real-time PCR & the functionality of the lab equipment through the use of training materials and hands-on-training

PUBLICATIONS

- **Walker, R.E.** *Perceptions of HIV/AIDS testing among urban and rural African American church members.* *JGPHA* (2015) Vol 5, No. 1.
- **Walker, R.E.**, Petersen, J.M., Stephens, K.W., and Dauphin, L.A. Optimal swab processing recovery method for detection of bioterrorism-related *Francisella tularensis* by real-time PCR. 2010 *J Microbiol Methods*. doi: 10.1016/j.mimet.2010.07.015.
- Dauphin, L.A., **Walker, R.E.**, Petersen, J.M. and Bowen, M.D. Comparative evaluation of automated and manual commercial DNA extraction methods for detection of *Francisella tularensis* DNA from suspensions and spiked swabs using real-time PCR. *Submitted. Diag Microbiol Infect Dis* (2010)
- **Walker, R.E.**, Evans, A., Ghogomu, T., and Chaudhary, J. 2', 5'-Oligoadenylate Synthetase 1 (OAS1) expression and function in prostate cancer. *AACR Meeting Abstracts, Apr 2008; 2008: 4562.*

AWARDS/HONORS

- House of Hope Atlanta Living Legend Award, 2018
- Capella University School of Public Service Leadership Phenomenal Award, 2014
- Who's Who in Black Atlanta, 2012; 2014
- CDC Division of Preparedness and Emerging Infections (NCEZID) Certificate of Appreciation, 2011
- CDC Division of Preparedness and Emerging Infections (NCEZID) Honor Award, 2010

PROFESSIONAL ASSOCIATIONS

- American Public Health Association
- American Society for Microbiology
- ALARA Action Research Action Learning Association, Inc
- Association for Prevention Teaching and Research
- Beta Kappa Chi National Scientific Honor Society
- Worldwide Who's Who