

## **Curriculum Vitae**

Jay Brown, DrPH, MPH

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### **Educational Background**

Florida Agricultural & Mechanical University

Doctor of Public Health, 2016

Major: Behavioral Sciences and Health Education

Dissertation Title: Instituting a Reminder System to Increase Breast Cancer Knowledge and Screening Intention among African-American Women

Major Professor: Saleh Rahman, MD, PhD, MPH

The Florida State University

Master of Public Health, 2011

Major: Health Policy

The Florida State University

Bachelor of Science, 2007

Major: Biological Sciences

Minor: Chemistry

### **Professional Experience**

Angelo State University

Department of Health Science Professions

Assistant Professor, 2018 – Present

- Teach a variety of public health and health science courses
- Develop and present lectures
- Create syllabi, curricula and examinations
- Grade assignments, projects, research papers and tests
- Advise undergraduate students on course selection and their future career path
- Serve on faculty senate on the behalf of Health Science Professions
- Serve as advisor to Health Science Society student organization

Florida Agricultural and Mechanical University

Community Outreach and Preventive Services

Research Coordinator, 2012 – 2016

- Coordinated events with community liaisons to bring complimentary mammography services to women who are uninsured or underinsured through NIH P20 Grant
- Conducted research, data collection, data analysis, monitoring and evaluation, and report writing
- Implemented new initiatives concerning education, health, spiritual well-being and community development

Helping-Hand2, Inc.

Non-Profit Organization

Chief Operating Officer, 2011 – 2017

- Performed community needs assessment in order to determine best intervention strategies
- Conducted community mobilization to provide opportunities for social and vocational advancement
- Assisted in procurement of grants to fund programs and events for individuals disproportionately affected by society

Tallahassee Community College

Division of Technology and Professional Programs

Division of Science and Math

Adjunct Professor, 2013 – Present

- Teach college level health education courses in person and online
- Develop curricula and present lectures
- Create and grade assignments, examinations and essays
- Mentor and advise undergraduate students

## **Courses Taught**

Biostatistics: HSP 4338, 2019 – Present

Biostatistics is essential to ensuring that findings and practices in public health and biomedicine are supported by reliable evidence. This course covers the basic tools for the collection, analysis, and presentation of data in all areas of public health. Central to these skills is assessing the impact of chance and variability on the interpretation of research findings and subsequent recommendations for public health practice and policy. Topics covered include: general principles of study design; hypothesis testing; review of methods for comparison of discrete and continuous data including ANOVA, t-test, correlation, and regression.

Demography and Community Planning: HSP 4333, 2019 – Present

This course investigates the effects of illness and health on the community. Students will examine the current demographic information of local communities as it relates to community planning and public health.

Introduction to Epidemiology: HSP 4325, 2019 – Present

This course introduces students to basic epidemiologic concepts including determinants of health and patterns of disease in populations, descriptive techniques of population health, use of health indicators and different types of data sources. Students will gain an understanding of the role of epidemiology in developing prevention strategies and policy.

Global Health [Online]: HSP 4336, 2019 – Present

This course examines major global health challenges, programs, and policies. Students will be introduced to the world's vast determinants of health and disease. Major global initiatives for disease prevention and health promotion will be investigated. The course also analyzes current and emerging global health priorities, including poverty, infectious diseases, health inequalities and conflicts.

Health Behaviors: HSP 4347, 2019 – Present

Health Behaviors is an overview of the health behaviors contributing most dramatically to increased morbidity and mortality in the United States. The course emphasizes theoretical foundations, design, implementation and evaluation of public health interventions and strategies to promote healthy behaviors and discourage unhealthy behaviors.

Surviving College Stress: GS 1181, 2019 – Present

This course provides an introduction in managing stress with an emphasis on healthy lifestyle behaviors. Specific topics include defining stress, stress prevention strategies and stress reduction techniques.

Research: HSP 4191 & 4291, 2013 – Present

Individual research problems for superior students majoring in Health Science Professions. (May be repeated to a total of six semester hours credit.)

Public Health: HSP 4331, 2018 – Present

This course provides an introduction to the field of public health including its history, values, ethics, mission, and goals. Students will gain knowledge on the function, organization, financing, policies, and practices of public health in today's world.

Environmental Health: HSP 4343, 2018 – Present

This course examines health issues, scientific understanding of causes, and possible future approaches to control of the major environmental health problems in industrialized and developing countries. Topics include how the body reacts to environmental pollutants; physical, chemical, and biological agents of environmental contamination; vectors for dissemination (air, water, soil); solid and hazardous waste; susceptible populations; biomarkers and risk analysis; the scientific basis for policy decisions; and emerging global environmental health problems.

Community Assessment: HSP 4334, 2018 – Present

This course introduces students to the concepts and methods of community health improvement and the role of assessment. This course helps students lead and participate in community health improvement activities and develop skills to assess community health status and available resources.

Statistical Techniques for Health Science Professionals: HSP 4337, 2018 – Present

This course offers a practical application of health-related statistical analysis providing students with the knowledge and skills needed to read, interpret, and evaluate quantitative findings in medical and allied health literature.

Concepts of Positive Living: HSC 1100, 2013 – Present

An introductory course in personal health, emphasizing healthy lifestyle behaviors. Specific topics include nutrition, exercise, mental health, sexuality, substance abuse, communicable diseases, chronic diseases and injury prevention.

Wellness through Stress Management: HSC 1171, 2013 – Present

This course explores the nature and scope of stress in today's society, with emphasis on the impact of stress on human health. Coping strategies for environmental, social and internally induced stressors are discussed.

Concepts of Positive Living [Online]: HSC 1100, 2017 – Present

An online introductory course in personal health, emphasizing healthy lifestyle behaviors. Specific topics include nutrition, exercise, mental health, sexuality, substance abuse, communicable diseases, chronic diseases and injury prevention.

Wellness through Stress Management [Online]: HSC 1171, 2017 – Present

Online course exploring the nature and scope of stress in today's society, with emphasis on the impact of stress on human health. Coping strategies for environmental, social and internally induced stressors are discussed.

Introduction to Public Health, 2013 – 2014

Graduate level course introducing students to the major behavior change theories of public health such as the Health Belief Model, Transtheoretical Model and Theory of Reasoned Action/Planned Behavior

### **Organizational Involvement**

AMIkids, Inc.

- Implemented and hosted programs for supporting troubled youth in the community

Guardian ad Litem

- Performed recruitment of guardians for abused, abandoned, and neglected children in the Second Judicial Circuit

The Office of the Public Guardian, Inc.

- Conducted fundraising events to better serve adults with mental and physical disabilities

Capital City Kiwanis Club

- Participated in various community service projects and fundraisers such as Kiwanis Kids

Meals on Wheels

- Delivered hot meals to seniors in their communities

Florida Department of Health

- Performed toxic chemical amelioration of Cascades Parks site as part of internship with the Hazardous Waste Health Risk Assessment Team

Northwest Florida Cancer Control Collaborative

- Developed workgroups to bring cancer resources to communities in need

FAMU Future Public Health Professionals

- Headed Relay for Life events as public health student association member at FAMU

#### FSU Public Health Student Association

- Public health student association member at FSU

#### Mother Care Network

- Helped coordinate events to bring complimentary mammography services to churches in Gadsden county

#### Iota Phi Theta Fraternity Inc., Beta Mu Omega Graduate Chapter

- Served as president to facilitate and participate in various community service initiatives
- Headed management of chapter budget and membership

#### Tri-Beta National Biological Honor Society

- Served as secretary of the FSU chapter

### **Publications**

Rahman, S., Brown, J., Rahman, S., Vilme, H., & Hayes, M. 2013. Evaluation of community-based projects to reduce cancer disparities among underrepresented groups and participants' satisfaction in health disparities projects. *Cancer and Oncology Research*, Vol. 1(2), pp. 55-64.

Brown, J. & Rahman, S. 2018. Reminder system intervention for increasing breast cancer knowledge and screening among underserved women in a community setting. *Universal Journal of Public Health*, Vol. 6(4), pp. 190-197.

Acknowledged Reviewer: *Personal Stress Management: Surviving to Thriving*, 1st Edition. Dianne Hales. 2017. Heinle & Heinle Publishers. ISBN-13: 9781133364313.

### **Professional Presentations**

Man Up to Save Our Sons – Host – FSU – 2013, 2014

Get Out and Play Day – Host – AMI Kids – 2015

FSU Public Health Student Association Meeting – Guest Speaker – FSU – 2017

Texas Hunger Initiative Meeting – Guest Speaker – Hunger Coalition – 2019

## **Skill Summary**

- Community Based Participatory Research
- Program Implementation & Evaluation
- Health Education & Health Promotion
- Cancer Research & Disease Prevention
- Community Assessment
- Data Analysis: Statistical Package for Social Sciences (SPSS), SAS (Statistical Analysis Software), Knovel, EJView, Oculus
- Grant Writing
- Multi-Cultural / Interpersonal Communication
- Project Planning / Coordination / Fundraising
- Oral and Written Communication
- Collaborative Leadership
- Mediation / Dispute Resolution / Negotiation
- Incident Command System Operations: Earned Multiple Federal Emergency Management Agency (FEMA) Certifications
- Office Proficient: Microsoft Word, Excel, PowerPoint, Publisher, Access