

BIOGRAPHICAL SKETCH

NAME: UKAMAKA DIKE SMITH

eRA COMMONS USER NAME: UKAMAKA.SMITH

POSITION TITLE: Associate Professor of Pharmacy Practice

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	Completion Date MM/YYYY	FIELD OF STUDY
Florida A & M University, Tallahassee, FL	PharmD.	05/2009	Pharmacy
Florida A & M University and Tallahassee Memorial Healthcare, Tallahassee, FL	Post- Doctoral Pharmacy Residency	06/2010	Clinical Pharmacy
Keiser University, Fort Lauderdale, FL	MBA	12/2011	Business Administration

A. Personal Statement

My experience as an Infectious Disease Clinical Pharmacist Specialist and Associate Professor of Pharmacy Practice provides me with a unique perspective to lead this project. As a result of my academic and post-doctoral training, I have the expertise, leadership, training, and motivation necessary to carry out quality research successfully. I am skilled in designing and executing research protocols that continue to build on my emerging presence as a clinical researcher. I hope my research will contribute to medical advancements in addressing health disparities in cancer by implementing interventions such as education, screenings, and evaluations to improve health outcomes. My research has focused on expanding and disseminating knowledge on infectious disease-related cancer research, health disparities, and methods to prevent the spread of communicable diseases, such as HIV, through scholarly activities.

In line with our long-term goal to End the HIV Epidemic, I have worked in collaboration with Duke University as the Faculty Champion at Florida A&M University to coordinate and facilitate the Evidence2Practice (E2P) program initiative. The E2P program is an educational enrichment program that seeks to provide participants with an introduction to HIV prevention and epidemiology, design thinking, and HIV implementation science. The overall goal of the program was to empower participants with the skills and knowledge to play an active role in ending the HIV epidemic in their community. Recognizing the pivotal role that pharmacists can play in HIV prevention and care, I have worked to expand my knowledge and skills in HIV prevention through training programs and obtained certification as an HIV Prevention Certified Provider and HIV Testing and Prevention Counselor (500/501). Despite the effectiveness of pre-exposure prophylaxis (PrEP) as a preventive measure against HIV, its adoption remains limited within the African American and Latino communities. Therefore, I have worked in collaboration with Dr. Faith Maignan to educate pharmacy students on HIV prevention and care.

Additionally, I have a broad background in infectious disease, with specific training and expertise in developing and implementing an antimicrobial stewardship program for a 700+ bed not-for-profit medical institution and vaccinations as a certified immunizer. I have served as a Co-Investigator for a pilot study funded by the American Society of Health-System Pharmacists titled "*An Evaluation of the Clinical Impact of Pharmacist Implementation of an Antimicrobial Stewardship Program in a Primary Care Setting*", where we developed and implemented an antimicrobial stewardship program at a federally-qualified health center (Bond Community Health Center) to educate and improve appropriate prescribing of antibiotics and increase overall confidence in medication-taking among underserved populations. In addition, I served as a Co-Investigator on a project funded by the Florida Department of Health Office of Minority Health and Health Equity titled, "*FAMU COVID-19 Vaccine Outreach and Education Initiative*." The purpose of the project was to provide COVID-19 vaccine information, outreach,

education, and training to African Americans and other minority populations, primarily in North Florida and to decrease vaccine hesitancy and increase vaccine confidence among the target population. Furthermore, I am a Co-Investigator for a NIH/NCI U54 grant and serve as the FAMU Planning and Evaluation Core (PEC) Leader for the “*Florida-California Cancer Research, Education & Engagement (CaRE²) Health Equity Center*”, a triad partnership between the University of Florida (UF), Florida A&M University (FAMU), and University of Southern California (USC) with a long-term goal to eliminate cancer health disparities in Florida, California, and nationally. In this capacity, PEC has implemented a systematic planning and assessment plan that guides program improvement through continuous planning, evaluation and tracking of the partnership activities that ensures the successful achievement of the aims proposed for the Center, its cores and research projects to reduce cancer health disparities in Black and Latino populations.

In summary, I have successfully co-led study teams on diverse health education topics. I will collaborate as an investigator on the adaptation, integration, and evaluation of an HIV prevention and implementation science pharmacy curriculum. My experience as an infectious disease specialist and in HIV prevention and care has afforded me the opportunity to successfully plan and implement training opportunities. This, along with my expertise, will serve me well to collaborate on this research project.

The ongoing and completed projects I would like to highlight include:

NIH/NCI U54CA233396

Reams (PI)

09/01/18-6/30/28

Florida-California Cancer Research, Education and Engagement (CaRE²) Health Equity Center

Role: Planning and Evaluation Core (PEC) Leader/Co-Investigator

Harris (PI)

03/01/21-06/30/22

FAMU Covid-19 Vaccine Outreach and Education Initiative

Role: Co-Investigator

Okere (PI)

07/01/19-10/31/21

ASHP Antimicrobial Stewardship Program: A Pilot Study

Role: Co-Investigator

B. Positions, Scientific Appointments, and Honors

Positions

August 2022 – Present

Associate Professor of Pharmacy Practice, Florida A&M University College of Pharmacy and Pharmaceutical Sciences, Institute of Public Health, Tallahassee, FL

August 2018 – July 2022

Assistant Professor of Pharmacy Practice, Florida A&M University College of Pharmacy and Pharmaceutical Sciences, Institute of Public Health, Tallahassee, FL

May 2011 – Present

Post-Operative Care/Infectious Disease-Antimicrobial Stewardship Clinical Pharmacist. Tallahassee Memorial HealthCare, Tallahassee, FL

July 2010 – April 2011

Evening Clinical Staff Pharmacist. Tallahassee Memorial HealthCare, Tallahassee, FL

October 2009 - December 2011

Floater Pharmacist. CVS Pharmacy, Tallahassee, FL

June 2009 - June 2010

Pharmacy Practice Resident (PGY-1). Tallahassee Memorial HealthCare. Tallahassee, FL

Professional Affiliations & Memberships

2021 – Present Member, American Association for Cancer Research (AACR)

2018 – Present	Member, American Association of Colleges of Pharmacy (AACP)
2015 – Present	Member, Society of Infectious Diseases Pharmacists (SIDP)
2010 – Present	Member, Making a Difference in Infectious Diseases Pharmacotherapy (MAD-ID)
2009 – Present	Member, American College of Clinical Pharmacy (ACCP)
2008 – Present	Member, American Society of Health-System Pharmacists (ASHP)
2007 – Present	Member, Florida Society of Health-System Pharmacists (FSHP)
2007 – Present	Member, American Pharmacists Association (APhA)

Honors

2022	APhA Pharmacy-Based Immunization Delivery Program Recognition
2022	High Praise for Extraordinary Interprofessional Education Program Recognition
2022	ACPE Self-Study and ACPE Evaluation Team Recognition
2022	Excellence with Caring Simulated Counseling Sessions Recognition
2022	Approbation for the New Curriculum, PharmD 2017 and Implementation Recognition
2020	Superior Masterpiece Award – May
2020	Faculty Member of the Year Award – Tallahassee Campus – May
2020	Torchbearer Award – April
2019	Kwame Nkrumah University of Science and Technology (KNUST) Certificate of Appreciation
2018 – Present	Patient Counseling and Advocacy Simulation Certificate of Excellence
2017	Zeta Phi Beta Sorority, Inc. – Chapter President Leadership Award
2017	Tallahassee Memorial HealthCare – Colleague of the Month – September
2017	Tallahassee Memorial HealthCare – Colleague of the Month – January
2014	Tallahassee Memorial HealthCare – Pharmacist of the Year
2012	Tallahassee Memorial HealthCare – Colleague of the Month – Surgical Care Improvement Project

C. Contributions to Science (*student co-authors supervised by PI)

My research has focused on expanding and disseminating knowledge on infectious disease-related cancer research, Antimicrobial Stewardship Program, reducing health disparities, and methods to prevent the spread of communicable diseases, such as HIV, and COVID-19 vaccine hesitancy. I have included research and publications in which I served as an investigator or primary/co-author.

1. Mathis A, **Smith UD**, Crowther V, Lee T, Suther S. An Epidemiological Study of Cervical Cancer Trends among Women with Human Immunodeficiency Virus. *Healthcare (Basel)*. 2024;12(12):1178. doi:10.3390/healthcare12121178.
2. Ezenwa, M.O., Smith, T.B., Richey, J., **Smith, U. D.**, Stern, M.C., Reams, R.R., & Wilkie, D.J. Social Network Analysis of the CaRE2 Health Equity Center: Team Science in Full Display. *Clinical and Translational Science*. 2024;17(3): e13747. doi:10.1111/cts.13747.
3. Okeke, N., Ware, K., Campbell, R., Taylor, J., Hung, F., Questell, C., Brickler, M., **Smith, U.**, Nawas, G., Hanlen-Rosado, E., Chan, C., Bosworth, H., Aifah, A., Corneli, A. Evidence2Practice (E2P): Leveraging Implementation Science to Promote Careers in HIV Research Among Students From Historically Black Colleges and Universities. *JAIDS Journal of Acquired Immune Deficiency Syndromes* 94(2S):p S65-S72, October 1, 2023. doi: 10.1097/QAI.0000000000003263
4. Reams, R.R., Odedina, F.T., Carpten, J.D., Redda, K., Stern, M.C., Krieger, J.L., Aparicio, J., Hensel, B., Askins, N., Abreu, A., Adams, A., Agyare, E., Ali, J., Allen, J.M., Aló, R., Baezconde-Garbanati, L., Brant, J., Brown, C.P., Buxbaum, S.G., Cohen, P., Cozen, W., Ezenwa, M.O., Falzarano, S. Fillingim, R.B., Flores-Rozas, H., Fredenburg, K.M., George, T., Han, B., Huang, Y., Hughes Halbert, C., Kiro, G-E., Lamango, N.S., Lee, J-H., Lyon, D.E., Mitchell, D.A., Mochona, B., Nieva, J.J., Offringa, I.A., Okunieff, P., Parker, A., Rhie, S.K., Richey, J.M., Rogers, S.C., Salhia, B., Schmittgen, T.D., Segal, R., Setiawan, V.W., **Smith, U.**, Su, L., Suther, S., Trevino, J., Velazquez-Villarreal, E.I., Webb, F.J., Wu, A.H., Yao, Y., & Wilkie, D.J. Florida-California Cancer Research, Education and Engagement (CaRE²) Health Equity Center: Structure and Initial Outcomes. *Cancer Control*. 2023;30:10732748231197878. doi:10.1177/10732748231197878
5. Johnson S, Spates J, **Smith U**, Harris C, Simmons M, Domingue A, Ware M, Gaspard P*, Hubbard D*,

Black H. COVID-19 Vaccine Hesitancy among People of Color: Meeting the Needs in Florida. *The ABNFF Journal*. 2023; 2(1):15-32

6. Okere A, Trimble M, Sanogo V, **Smith U**, Brown C, Buxbaum S. The Potential Effects of Implementing an Antibiotic Stewardship Program by Integrating it with Medication Therapy Service in a Low-Income Serving Clinic – A Single-Center Experience. *Innovations in Pharmacy*. 2022; 13(3):8
7. Behar-Horenstein L, Richey J, **Smith U**. Accessing Collaboration within a Triadic Research Partnership. *Qualitative Research in Medicine and Healthcare*. 2021; 5:9724
8. Johnson R, Javanmardi C, **Smith U**. Chapter 80: FDA Approval of Two Voquezna™ Products for Treatment of *Helicobacter pylori* infection. *Pharmacotherapy Principles & Practice, 5th Edition*. 14 September 2022.
9. Cheung N, **Smith U**, Ghazvini P. *Pharmacotherapy Principles & Practice, 5th Edition*. Chapter 58: Tofacitinib for Active Polyarticular Juvenile Idiopathic Arthritis. March 2022. Available on Access Pharmacy
10. Renaud A, Mahdavian S, **Smith U**, et al. The Dexcom G6 Continuous Glucose Monitoring System. *U.S. Pharmacist*. 2021; 46 (10):18-20.
11. Cheung N, Marcellus V, **Smith U**. *Pharmacotherapy Principles & Practice, 5th Edition*. Chapter 102: Overweight and Obesity - New FDA Approval for Use of Saxenda (liraglutide) for Pediatric Chronic Weight Management. April 2021. Available on Access Pharmacy
12. **Smith U**, Smith L, Honeywell M, et al. Diagnostic Spotlight: Afinion HbA1c Dx Test. *U.S. Pharmacist*. 2021; 46 (5):9-12.
13. **Smith U**, Journée B, Honeywell M, et al. Diagnostic Spotlight: A Review of the SalivaDirect Test for COVID-19 *U.S. Pharmacist*. 2021; 46(2):39-42.
14. **Dike U**. Antimicrobial Stewardship. Tallahassee Memorial HealthCare. *PULSE Magazine* May 2017 (Internal Publication – Featured)
15. **Dike U**. Antimicrobial Stewardship Initiatives: Implementation of an Extended-Infusion Piperacillin-Tazobactam Protocol at Tallahassee Memorial HealthCare. *Pharmacy Newsletter* November 2013 (Internal Publication – Featured)
16. Chastain D, **Dike U**, Treadwell P, Wimberley S. Results of a Pharmacist-Managed Antimicrobial Stewardship Program Implemented in an Acute Care Hospital. Southeastern Residency Conference, Athens, GA April 2013.
17. **Dike U**, Honeywell M, Lloyd T, Lyles B, Richardson T. Mitigation of Potential Drug Abuse, Misuse, and Dependence Using a Pain Medication Contract in a Community Health Center. 45th ASHP Midyear Clinical Meeting, Anaheim, CA December 2010.
18. Harris J, MD. Results of Tallahassee Memorial's Latest Antibigram. *Physician Update* October 2010 (Internal Publication – Featured)
19. Mahdavian S, **Dike U**, Bryant A, Davison C, Hill A, Ghazvini P. Multiple Sclerosis: A Supplement on the Disease State, Current Therapies, and Investigational Treatment. *Journal of Pharmacy Practice* 2010; 23(2):91-100.
20. **Dike U**, Honeywell M, Welch T, Soto C, Michel D. Ulcerative Colitis: Therapeutic Management Update. *U.S. Pharmacist* 2010; 35(12):HS2-HS26.
21. Carlisle V, **Dike U**, Honeywell M, Colquitt C, Jackson S. At-Home Test for Tobacco - Product Use. *U.S. Pharmacist*. 2009; 34(7):36-38.