

Ana F. Diallo, PhD, MPH, RN
Tenure Track Assistant Professor
Virginia Commonwealth University

INFORMATION

Ana Francisca Diallo

PhD, MPH, RN

Address: Virginia Commonwealth University, School of Nursing

1100 E. Leigh Street, Room 30998,

Box 980567, Richmond, Virginia 23298

Phone: 804-852-0538 | **Email:** dialloa@vcu.edu

EDUCATION

Clinical and Translational Post-Doctoral Fellow

National Institute of Nursing Research, National Institutes of Health, Bethesda, MD

Gastrointestinal disorders

06/2018

Doctor in Philosophy

University of Connecticut, Storrs, CT

Healthcare and nutritional management of Childhood diarrhea

12/2016

Master in Public Health

University of Connecticut, Storrs, CT

Impact of breastfeeding duration on reported incidence of diarrhea in infants

12/2016

Bachelor in Nursing Science

Virginia Commonwealth University Richmond, VA

Patient care in various hospital departments and in the community

05/2011

Bachelor of Art in International Studies

Virginia Commonwealth University Richmond, VA

Concentration in Global Health and Infectious diseases

05/2011

LICENSURE

RN (#0001232447), Virginia, Multi-State Privilege. Expiration date: 9/30/2023

LANGUAGES SPOKEN

French and English: Native and Bilingual Proficiency

Spanish: Limited Working Proficiency

PROFESSIONAL EXPERIENCE

07/2018- present

Tenure-track Assistant Professor, Virginia Commonwealth University
School of Nursing, Institute of Inclusion, Inquiry & Innovation (iCubed)

06/2020-07/2021 **Faculty Scholar**, PProgram to Increase Diversity Among Individuals Engaged in Health-Related Research (PRIDE), SUNY Downstate Health Sciences University & National Heart, Lung, and Blood Institute (NHLBI)

08/2012-05/2017 **Graduate assistant**, University of Connecticut School of Nursing

07/2011-07/2012 **Registered Nurse**, Virginia Commonwealth University Health System

COURSES TAUGHT

NURS 261 Health Assessment for Nursing Practice (20 students- virtual)

NURS 371 Evidence-based Practice in Nursing (95 students- in person/virtual)

NURS 416 Community Health Nursing Clinical (30 students, hybrid)

NURS 498 Senior Synthesis (20 students, hybrid)

Guest lecturer:

2019- Health equity and Cultural Humility in Healthcare, VCU School of Pharmacy

2022 Disparities in Women's Health, VCU School of Pharmacy

RESEARCH FUNDING

2022-2024 **Sponsor:** Virginia Commonwealth University Building Interdisciplinary Research Careers in Women's Health (BIRCWH). (K12HD108269). **Title:** Sex/Gender Differences in Associations Between Diet, Dyslipidemia and Cardiovascular events. **Role:** PI. **Funding:** \$264,000

2018-2024 **Sponsor:** NIH/NIAAA internal funding. **Title:** Gene-diet interaction in dyslipidemia. **Role:** Co- PI, PI: Paule Joseph. **Funding:** \$50,000

2022-2023 **Sponsor:** Virginia Center on Aging, College of Health Professions. **Title:** Prescription Produce Program: implementation and evaluation of a program to promote access to fruits and vegetables among low-income, older adults with chronic diseases. **Role:** PI. **Funding:** \$30,000

2022-2027 **Sponsor:** Health Resources and Services Administration. **Title:** Mobile Health Wellness Program. **Role:** Clinical Faculty. **Funding:** \$3,900,000

2020-2021 **Sponsor:** Programs to Increase Diversity Among Individuals Engaged in Cardiovascular Health-Related Research (PRIDE-CVD). (R25HL105446). **Title:** A Formative Evaluation of a Mobile Market to Increase Access and Consumption of Vegetables among Low-income Older Adults during the COVID-19 Pandemic. **Role:** PI. **Funding:** \$12,722

2019-2020 **Sponsor:** VCU School of Nursing, Monthly IGP Research Grant. **Title:** Measuring dietary patterns and food insecurity in food deserts neighborhoods, Richmond, VA. **Role:** PI. **Funding:** \$4,000

2019-2020 **Sponsor:** VCU Division for Inclusive Excellence IExcel Education. **Title:** Increasing Awareness of Food insecurity in low-income older adults living in Richmond, VA. **Role:** PI. **Funding:** \$2,250

2014-2018 **Sponsor:** NIH internal funding. **Title:** Brain-gut interactions in overweight and normal weight patients with chronic abdominal pain. **Role:** Co-I. PI: W. Henderson & M. Heitkemper

2-15-2023

2017-2018 **Sponsor:** NIH internal funding. **Title:** Point-of-Use Pathogen Identification Tool for Diarrhea. **Role:** Co-I. PI: W. Henderson.

UNDER REVIEW/NOT FUNDED

2023 **Sponsor:** American Heart Association Grant
Title: The Prescription Produce Program. **Role:** PI
Funding: \$150,000

2022 **Sponsor:** American Heart Association Grant.
Title: Healthy Hearts for Older Adults Center (PI: Price). **Role:** Co-I
Funding: \$3,064,104

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

2023- National Lipid Association
 2023- American Nutrition Association
 2018- American Heart Association, Council on Cardiovascular and Stroke Nursing
 2018 - Southern Nursing Research Society
 2016 - Sigma Theta Tau International Honor Society of Nursing,

UNIVERSITY SERVICE

2021- VCU School of Nursing Search Committee member,
 2021- Southern Nursing Research Society Diversity and Inclusion committee member
 2020- VCU Greater Richmond Community Advisory Board member
 2019- East End Coalition for Older Adults Health and Wellness (co-chair)

HONORS/AWARDS

2012-2016 **Pre-doctoral Dissertation Award**, University of Connecticut, Storrs, CT
 2012-2016 **Sigma Theta Tau Predoctoral Dissertation Award**, University of Connecticut, Storrs, CT, Pre-doctoral Fellowship, University of Connecticut, Storrs, CT
 2010-2011 **Outstanding Academic Achievement**, Virginia Commonwealth University, Richmond, VA,
 2006-2008 **Outstanding Academic Achievement**, Virginia Commonwealth University, Richmond, VA,

SELECTED PUBLICATIONS

1. **Diallo AF**, Mackiewicz M, Sargent L, et al. Cultivating Relationships as a Community-Based Recruitment Strategy in Transdisciplinary Aging Research: Lessons From an Academic-Community Partnership. *Fam Community Health*. 2024;47(1):32-40. doi:10.1097/FCH.0000000000000383
2. **Diallo A**, Bolden T, Karimian S, Russell S, Elswick RK, Magny-Normilus C, Waters L, Arcan C, Tucker KL, Talegawkar SA. Associations Between Food Security and Social Determinants of Health with Dietary Intakes—A Pilot Study. *Journal of Hunger & Environmental Nutrition*. 2023 Oct 20:1-0.
3. Abbas M, **Diallo A**, Goodney G, Gaye A. Leveraging the transcriptome to further our understanding of GWAS findings: eQTLs associated with genes related to LDL and LDL subclasses, in a cohort of African Americans. *Frontiers in Genetics*.;15:1345541.

2-15-2023

4. Parsons P, King Horne K, Popovich A, Waters L, Price E, **Diallo A**, Sargent L, McQueen-Gibson E, Prom-Wormley E, Wilkerson T, Zanjani F; iCubed Health and Wellness in Aging Populations Core. Creating structural community cohesion: Addressing racial equity in older adult homelessness. *J Prev Interv Community*. 2023 Jul-Sep;51(3):192-204. doi: 10.1080/10852352.2021.1930819. Epub 2021 May 25. PMID: 34033741.
1. Zanjani, F., Hardin, J., ...VCU iCubed team. COVID-19 impact on adults with disabilities: A lifespan analysis. *Life Span and Disability*. 2023;2,265-292.
5. Shah, L. L., Chung, J., **Diallo, A.**, Mohanraj, L., Sargent, L., Ameringer, S., Brown, L., Jallo, N., Pretzer-Abhoff, I., Robins, J. L., Swift-Scanlan, T., Jones, T., Parsons, P., Salisbury, A., & Kinser, P. (2023). Challenges and opportunities faced by nurse scientists in integrating data and technology in research to promote health equity. *Nursing outlook*, 71(3), 101958. <https://doi-org.proxy.library.vcu.edu/10.1016/j.outlook.2023.101958>
6. Vizioli, C., Jaime-Lara, R., Daniel, S. G., Franks, A., **Diallo, A. F.**, Bittinger, K., Tan, T. P., Merenstein, D. J., Brooks, B., Joseph, P. V., & Maki, K. A. (2023). Administration of *Bifidobacterium animalis* subsp. *lactis* Strain BB-12[®] in Healthy Children: Characterization, Functional Composition, and Metabolism of the Gut Microbiome. *medRxiv : the preprint server for health sciences*, 2023.02.02.23285145. <https://doi-org.proxy.library.vcu.edu/10.1101/2023.02.02.23285145>
7. Winship, J., Gendron, T., Waters, L., Chung, J., Battle, K., Cisewski, M., Gregory, M., Sargent, L., Slattum, P., Mackiewicz, M., **Diallo, A.**, Ford, G., Falls, K., Price, E. T., Parsons, P. COVID In Context: The Lived Experience of Richmond's Low-Income Older Adults. *Gerontology and Geriatric Medicine*. 2022. doi: 10.1177/23337214221079208/ ID: GGM-21-0121.R1
8. Sargent, L., Zanjani, F., Winship, J., **Diallo, A.**, Gendron, T., Waters, L., Chung, J., Battle, K., Cisewski, M., Gregory, M., Slattum, P., Mackiewicz, M., Ford, G., Falls, K., Price, E. T., Parsons, P. Socioeconomic Effects on Psychosocial Factors Among Low-Income Older Adults. *Gerontology and Geriatric Medicine*. 2022.
9. Li Z...TOPMed Lipid Consortium. A framework for detecting noncoding rare-variant associations of large-scale whole-genome sequencing studies. *Nat Methods*. 2022;19(12):1599-1611. doi:10.1038/s41592-022-01640-x
10. Sargent L, Slattum P, Brooks M, Gendron T, Mackiewicz M, **Diallo A**, Waters L, Winship J, Battle K, Ford G, Falls K. Bringing transdisciplinary aging research from theory to practice. *The Gerontologist*. 2022;62(2):159-68.
11. **Diallo AF**, Alabi O, Groves A, Johnson A, Florence O, S. R Ramos, Boutjdir, M. Training and Mentoring of Underrepresented Early-Career Faculty in Cardiovascular Health-Related Research during COVID-19, Structural Inequities, and Civil Unrest. *Ethn Dis*. 2021;31(3):411-416; doi:10.18865/ed.31.3.411
12. Usidame B, McQueen Gibson E, **Diallo A**, Blondino C, Clifford J, Richmond Health and Wellness Community Advisory Board, Zanjani F, Sargent L, Price E, Slattum P, Parsons P. Understanding the preference for receiving mental health and substance use support in African Americans 50 and older. *J Prev Interv Community*. 2021; 30:1-9.

13. Parsons P, Horne KK, Popovich, A, Waters, L, Price E., **Diallo AF**, Sargent L, McQueen-Gibson E, Prom-Wormley E, Wilkerson T and Zanjani F. Creating structural community cohesion: Addressing racial equity in older adult homelessness. *J Prev Interv Community*. 2021; 30:1-13.
14. Sargent LJ, Mackiewicz M, Roman Y, **Diallo A**, Russell S, Falls K, Zimmerman KM, Dixon DL, Prom-Wormley E, Hobgood S, Lageman SK. The Translational Approaches to Personalized Health Collaborative: Pharmacogenomics for African American Older Adults. *Clinical and Translational Science*. 2021;14(2):437.
15. **Diallo, AF**, Falls, K, Hicks, K, et al. The Healthy Meal Program: A food insecurity screening and referral program for urban dwelling older adults. *Public Health Nurs*. 2020; 37: 671–676. <https://doi.org/10.1111/phn.12778> [D] PMID: 32744376
16. **Diallo, AF. &** Falls, K. A Multifaceted Approach to Address Food Insecurity in Urban Dwelling Older Adults. *Age in Action*, 2020; 35(3): 1-6.
17. **Diallo AF**, Lockwood MB, Maki KA, Franks AT, Roy A, Jaime-Lara R, Joseph PV, Henderson WA, Chung SY, McGrath J, Green SJ, Fink AM. Metabolic Profiling of Blood and Urine for Exploring the Functional Role of the Microbiota in Human Health. *Biol Res Nurs*. 2020;22(4):449-457. doi: 10.1177/1099800420941080. Epub 2020 Jul 29. PMID: 32723087.
18. **Diallo AF**, McGlothen-Bell K, Lucas R, et al. Feeding modes, duration, and diarrhea in infancy: Continued evidence of the protective effects of breastfeeding. *Public Health Nurs*. 2020; 37: 155– 160. <https://doi.org/10.1111/phn.12683>. [D]. PMID: 31709650
19. Winship JM, Falls K., Gregory, M., Peron, E.P., Donohoe, K.L., Sargent, L., Slattum, P.W., Chung, J., Tyler, C.M., **Diallo, A.** and Battle, K., 2020. A case study in rapid adaptation of interprofessional education and remote visits during COVID-19. *Journal of interprofessional care*, pp.1-4.[D]. PMID: 32838597 DOI: 10.1080/13561820.2020.1807921
20. McGrath, J. M., Vittner, D., **Diallo, A.F.**, & Samra, H. A. (2019). Chapter 19: Developmentally Supportive and Family Centered-Care Interventions during the Golden Hour. In R. Bissinger (Ed). *Golden Hour: The Handbook for care of the Very Low Birth weight Infant 2nd ed.* New York, NY: Springer.[I]
21. Maki, K. A., **Diallo, A. F.**, Lockwood, M. B., Franks, A. T., Green, S. J., & Joseph, P. V. (2018). Considerations When Designing a Microbiome Study: Implications for Nursing Science. *Biological Research For Nursing*. [D]. PMID: 30409024. doi.org/10.1177/1099800418811639
22. McGrath, J. M., Vittner, D., **Diallo, A. F.**, & Samra, H. A. (2018). Chapter 19: Developmentally Supportive and Family Centered-Care Interventions during the Golden Hour. In R. Bissinger (Ed). *Golden Hour: The Handbook for care of the Very Low Birth weight Infant 2nd ed.* New York, NY: Springer. [I]
23. Henderson, W. A., Xiang, L., Fourie, N. H., Abey, S. K., Ferguson, E. G., **Diallo, A. F.** & Kim, C. H. (2018). Simple lateral flow assays for microbial detection in stool. *Analytical Methods*, 10(45), 5358-5363. [D]. PMID: 31241058. doi-org.proxy.library.vcu.edu/10.1039/c8ay01475b
24. Joseph, P. V., Abey, S. K., Wang, D., Fourie, N. H., Kenea, N. D., Vishnyakova, T. G., **Diallo, A.F.** ... & Sherwin, L. B. Colon Epithelial MicroRNA Network in Fatty Liver. *Canadian Journal*

of *Gastroenterology and Hepatology*, 2018. [D]. PMID: 30345259 <https://doi-org.proxy.library.vcu.edu/10.1155/2018/8246103>.

25. **Diallo, A.F.**, Cong, X., Henderson., W.A., & McGrath, J. M. Management of childhood diarrhea by healthcare professionals in low income countries: An integrative review. *International Journal of Nursing Studies.*, 2017. doi:10.1016/j.ijnurstu.2016.08.014.[D] PMID: 28043020.
26. Cong, X., Judge, M., Xu, W., **Diallo, A.F.**, Janton, S., Brownell, E. A. & Graf, J. Influence of feeding type on gut microbiome development in hospitalized preterm infants. *Nursing research*, 2017; 66(2), 123-133.doi: 10.1097/NNR.000000000000208.[D].PMID: 28252573
27. Bains, R. M., & **Diallo, A. F.** Mental health services in school-based health centers: systematic review. *The Journal of School Nursing*, 2016; 32(1), 8-19. doi: 10.1177/1059840515590607.
28. McGrath, J. M., **Diallo, A. F.**, Paquette, R. J., & Samra, H. A. (2015). Chapter 19: Integration of Developmentally Supportive and Family Centered Care Interventions during the Golden Hour. In R. Bissinger (Ed). *Golden Hour: The Handbook for care of the Very Low Birth weight Infant* (pp. 315-324). New York, NY: Springer.[I]
29. Judge, M.P., **Diallo, A.F.**, Beck, C.T. The effect of omega-3 polyunsaturated fatty acids on maternal and child mental health. In Watson, R. R., & De Meester, F. 2014; (Eds.). *Omega-3 Fatty Acids in Brain and Neurological Health* (chapter 11). Waltham, MA: Elsevier.[I]
30. **Diallo, A. F.**, & McGrath, J. M. A Glance at the Future of Cultural Competency in Healthcare. *Newborn and Infant Nursing Reviews*, 2013; 13(3), 121-123. doi: 10.1007/978-1-4419-7092-3_1. [D]. PMID: 21166302.
31. **Diallo, A. F.** Newnam, K., & McGrath, J. M. Helping Families Understand the Importance of Their Infant's Skin. *Newborn and Infant Nursing Reviews*. 2013,3(13),106.

UNDER REVIEW

1. **Diallo, A.**, Bolden, T., Karimian, K., Russell, S., Elswick, R.K., Magny-Normilus, C., Waters, L., Arcan, C., Tucker, K., Talegawkar, S. (2023, revise and resubmit). Associations between food security and social determinants of health with dietary intakes- A pilot study. *Journal of Hunger & Environmental Nutrition*
2. Battle, K., Falls, K., Waters, L., Slattum, P., Parsons, P., **Diallo, A.** (2023). Engaging interdisciplinary health professions students to promote healthy eating and chronic disease management among low-income older adults: the Prescription Produce Plan. *Nursing Education Perspectives*.
3. Battle, K., Falls, K., Waters, L., Slattum, P., Parsons, P., **Diallo, A.** (2023). Integration of a prescription produce program within a community-based wellness clinic serving low-income urban communities. *Health Promotion Practice*.

SELECTED PRESENTATIONS AND PUBLISHED ABSTRACT

1. **Diallo, AF**, Bolden, T, Karimian, S, Russell, S, Elswick, RK, Magny-Normilus, C, Waters, L, Arcan, C, Tucker, K. (2022). Associations between food security and social determinants of health with dietary intakes- A pilot study. American Heart Association Scientific Session. 2-15-2023

2. **Diallo, AF**, Falls, K, Mohamed A, Abu-Ghanam, M, Porch, WM, Russell, S. (2021). Characteristics of older adult shoppers at a mobile market during COVID-19. NIH Food Insecurity, Neighborhood Food Environment, and Nutrition Health Disparities: State of the Science.
3. **Diallo, AF**, Falls, K, Hicks, K, et al. (2020). The Healthy Meal Program: A food insecurity screening and referral program for urban dwelling older adults. Southern Nursing Research Society.
4. **Diallo, A.F.**, Fourie, NH. Joseph, PV, Henderson, WA. (2018). Individual Differences in Intestinal Permeability: Utility of High-Resolution Liquid Chromatography-Mass Spectrometry (LC-MS). Digestive Disorders Week. Washington DC, District of Columbia.
5. Fourie, N.H., Abey, S.K., Fergusson, E., **Diallo, A.**, Kim, C.H., Henderson, W.A. (2017). Direct Nucleic Acid Detection of Diarrheal Pathogens in Stool Using an Antibody-Free Lateral Flow Assay. Digestive Disorders Week. Washington DC, District of Columbia.
6. **Diallo, A. F.**, McGrath, J. M., Lucas, R., Brandon, D. (2016). Does maternal perception of early infant breastfeeding behaviors predict missing data at 1 month?". National Association of Neonatal Nurses. Phoenix, Arizona.
7. Lucas, R., McGrath, J., **Diallo, A.**, & Brandon, D. (2016). Maternal Narrative of Infants' Latch and Sucking: Validating the Maternal Assessment of Infant Breastfeeding Behaviors Tool. XX Biennial International Congress of Infant Studies. New Orleans, Louisiana.
8. Lucas, R., **Diallo, A.**, Sajdłowska, J., McGrath, J. (2016). Development of the Maternal Assessment of Infant Breastfeeding Behaviors-Revised. Conference proceedings: 2016 State of Science Congress on Nursing Research, Council for the Advancement of Nursing Science, Washington, DC
9. **Diallo, A.F.**, Cong, X., Henderson., W.A., & McGrath, J. M. (2017). Management of childhood diarrhea by healthcare professionals in low-income countries: An integrative review. 28th Annual ENRS scientific session. Pittsburg, PA.
10. Lucas, R., Brandon, D., **Diallo, A.**, & McGrath, J. (2014). Mother-infant preterm infants' transition to breastfeeding and professional support one month after discharge. International Society of Research for Human Milk and Lactation, Kiawah Island, SC.