




SOPHIA S. LEGGETT, MPH, PHD

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Education

1998	Ph.D. Jackson State University <i>Dissertation: The Effects of Osmoregulation on the Physiology of Three Microalgal Species</i>
1988	MPH (Master of Public Health) University of Alabama, Birmingham
1986	Bachelor of Science (Biology) Jackson State University

Professional & Teaching Experience

APRIL 2020 PRESENT	Professor Jackson State University, Department of Behavioral & Environmental Health <ul style="list-style-type: none">Responsible for teaching graduate courses in both MPH and DrPH programs for Environmental and Occupational Health.Actively participate in university, professional, and community service.Serve on dissertation committeesEngage in scholarly activities
2017- PRESENT	MPH Coordinator Jackson State University, MPH program <ul style="list-style-type: none">Responsible for ensuring students’ progress in their chosen concentrations.Assist in the planning, organizing, and implementation of the MPH curriculum.Evaluate existing curriculum, and program requirements, assist in planning program orientation, and coordinate comprehensive examination to improve student outcomes.Monitor program success and recommend program changes to the Leadership team.

Presentations

Selected Peer-Reviewed Presentations

NOV 2022	Brown, Jamarius, King, Eugenia, Tresvant, DaChiron, Stewart, Mia, Jeffery, Ginger Jeffery, Leggett, Sophia and Mendy, Vincent Mendy. (2022). Racial Disparities in Colorectal Cancer Screening among Mississippi Adults Aged 50-75 Years Who Met Colorectal Cancer Screening Recommendations [Poster presentation]. Proceedings of the American Public Health Association Annual Meeting, 150. Boston, Massachusetts.
NOV 2022	Tresvant, DaChiron, Stewart, Mia, Jeffery, Ginger, King, Eugenia King, Brown, Jamarius, Mendy, Vincent, and, Leggett, Sophia. (2022). Disparities in Prevalence of Antihypertensive Medication among Self-Reporting Hypertension among Mississippi Adults — Behavioral Risk Factors Surveillance System, 2019, [Poster presentation]. Proceedings of the American Public Health Association Annual Meeting, 150. Boston, Massachusetts.

Publications Selected Peer-Review Journals

(* Denote co-authorship with students)

- Osman, O., Bhuiyan, A., Mitra, A.K., Mendy, V.L., Leggett, S., Addison, C. (2023). Association of Sociodemographic Factors with Tuberculosis Outcomes in Mississippi. *Disease*, 11(25) <https://doi.org/10.3390/disease11010025>.
- Merem, E.C., Twumasi, Y., Wesley, J., Olagbegi, D., Crisler, M., Romorno, C., Alsarri, M., Isokpehi, P., Alfarei, M., Hines. A., Hires, A., Ochai, S., Nwagboso, E., Fageir, S., Leggett, S., Offiah, J., Emakpor., S. (2022). Analyzing Water Resources Management Issues Along the US Midwest Region. *Resources and Environment*, 12(2): 25-46. doi:10.5923/j.re.20221202.01
- Merem, E.C., Twumasi, Y., Wesley, J., Olagbegi, D., Crisler, M., Romorno, C., Alsarri, M., Isokpehi, P., Alfarei, M., Hines. A., Hires, A., Ochai, S., Nwagboso, E., Fageir, S., Leggett, S., Offiah, J., Emakpor., S. (2022). Assessing the Environmental Impacts of Farm Subsidy in North Texas Region. *International Journal of Agriculture and Forestry*, 12(1): 9-28. doi:10.5923/j.ijaf.20221201.02
- Azad R. Bhuiyan; Marinelle Payton; Amal K. Mitra; Sophia S. Leggett; Jihua Xu; Paul B Tchounwou; and Frank Smart (2021). “Progression of Metabolic Syndrome Components along with Depression Symptoms and High Sensitivity C-Reactive Protein: The Bogalusa Heart Study”. *International Journal of Environmental Research Public Health*, 18(9), 5010. <https://doi.org/10.3390/ijerph18095010>.

Research Experience

Oct 2019-
Sept. 2024

Research Support Currently Funded Grant

Institutional Funding/Support: Title III Programs - Historically Black Graduate Institutions

Principal Investigator: University President

Funding Agency: US Department of Education Office of Postsecondary Education

Project Title: “Establishing a Center for Public Health Research, Training, and Practice”

Role: Activity Director/Coordinator

Goal: To strengthen the public health workforce by educating students on research techniques through didactic practice. The Center will focus on identifying areas of need where students require additional training, and provide opportunities for enhanced and rigorous research, training, and practice.

Awards & Honors

2015-2016	Faculty Senator of the Year, (2015-2016)
2012-2013	Group External Funding Award, College of Public Service, School of Health Sciences
2014	W.E. B. DuBois Honor College Faculty, Jackson State University
1998	Inductee, Phi Kappa Phi, Honor Society, Jackson State University

Licensures & Certifications

2024-2028	OSHA Authorized General Industry Trainer
2013-Present	Certified IRB Manager
2004-Present	Certified Emergency Response Team FEMA
2004- Present	EPA Trained Lead Inspector & Risk Assessor