

CURRICULUM VITAE

AZAD R. BHUIYAN, Ph.D., M.D., M.P.H.

Jackson State University School of Public Health
Department of Epidemiology & Biostatistics
Tel: 601-979-8794 (O), 318-737-9238 (C)
E-mail: azad.r.bhuiyan@jsums.edu, azad70005@gmail.com

1. SUMMARY OF QUALIFICATION

Multilingual and multicultural goal oriented, self-motivated, responsible, efficient in teaching, research design and implementation, time management, problem solving, and team-building leader who performs well in diverse environments. Provides leadership and performs quantitative statistical data analysis using SAS and SPSS. Develops and runs SAS program for data analysis, manipulation and implementation of standard and advanced statistical methodology, protocol reviews, statistical report generation, manuscript preparation, review of statistical literatures, and upgrade of computer programming software. Interacts and presents results to students, investigators and the general public.

2. CORE COMPETENCIES

Epidemiology and Biostatistics, Health disparity, Research methodology, Big data analysis in SAS and SPSS, Critical and out-of-the-box thinking, Instructional design and delivery, Collaboration, management and team building.

3. EDUCATION

2007	PhD	Tulane University School of Public Health and Tropical Medicine, New Orleans, LA
2000	MPH	Tulane University School of Public Health and Tropical Medicine, New Orleans, LA
1996	MBBS (MD equivalent)	Sir Salimullah Medical College, Dhaka University, Dhaka, Bangladesh

4. PROFESSIONAL EXPERIENCE

Academic & Public Health Appointments

Jackson State University School of Public Health, Jackson, MS

Professor, August 2020-current

- Engaged in teaching, service, and research in the Department of Epidemiology and Biostatistics, School of Public Health

Associate Professor, August 2013-Spring 2020

- Engaged in teaching, service, and research in the Department of Epidemiology and Biostatistics, School of Public Health

Assistant Professor, August 14- 2008- Spring 2013

- Engaged in teaching, service, and research in the Department of Epidemiology and Biostatistics, School of Health Sciences

Tulane Center for Cardiovascular Health, Bogalusa Heart Study, New Orleans, LA

Research Associate, May 1999 – May 2007

- Participated in Bogalusa Heart Study, an ongoing, prospective, longitudinal study exploring the risk factors associated with heart disease in young adults
- Performed data collection, entry, cleaning, analysis, literature searching and post-screening letter writing to the participants and their doctors

Department of Epidemiology, Tulane University, School of Public Health and Tropical Medicine, New Orleans, LA

Data Manager, August 2004 – May 2007

- Created, maintained and modified Access databases including tables, queries, forms, and reports
- Entered data and maintained adequate data quality
- Extracted data from different sources
- Created forms necessary for clinicians
- Location: HIV outpatient clinic working on an NIH-funded cohort study of HTLV-1/II

Department of Community Health Sciences, Tulane University, School of Public Health and Tropical Medicine, New Orleans, LA

Data Analyst, February 2004 - July 2004

- Analyzed data and reporting using SAS program for the CDC growth charts
- Project Title: The links between food security, food program participation, and overweight status in children
- Type of data analysis: Early childhood longitudinal survey from a nationally representative sample

Department of Health Systems Management, Tulane School of Public Health and Tropical Medicine,

New Orleans, LA

Teaching Assistant, May 1998

- Prepared and conducted lectures for a course on health systems development in developing Countries
- Provided office hours for one-on-one tutoring/ consultation for student problems

Biostatistician Consultancy Experience

1. *Biostatistician*, March 2020-current. **International Atomic Energy Agency: Efficacy of Spatially-Clinical Trail Project:** Fractionated Radiation Therapy in palliative treatment of lung and cervical cancer patients. PI: Dr. Waleed Mourad, Oncologist, University of Kentucky. Ms Lisbeth Cordero coordinator.
2. *Biostatistician*, (May 2020 to current). **Resident Name: Nida Khawaja, MD, University of Buffalo Medical Center, Mentor: Alex Cogswell, Ph.D.** Research project: Beverage Consumption and Depression in the Adolescent Population, **Project Type: Secondary Data Analysis**
3. *Biostatistician*, 2019-2020, Jayant Bagai M.D. **Intervention Cardiologist @ Vanderbilt University** Timir Paul, M.D., Ph.D. **East Tennessee State University**, Research Project: Outcomes following percutaneous coronary intervention before, during and after transition to a default trans-radial approach at a Veterans Affairs Medical Center. Published manuscript in Angiogram Journal in 2020
4. *Biostatistician*, 2019, **Resident Name: Afifa Adiba, MD, Yale University Medical center: Research Project:** Effect of Electronic Bullying on Adolescent Mental Health and Suicide. Presented at American academy of child and adolescent Psychiatry's 66th Annual Meeting in Chicago, 2019
5. *Biostatistician*, 2009-2011. Dr. Chi Dola, MD, MPH, Department of Obstetrics and Gynecology, Tulane University School of Medicine. Published 4 four papers in peer reviewed journal in 2009-2011
6. *Biostatistician*, 2004-2007. Department of Epidemiology, Tulane University, School of Public Health and Tropical Medicine, New Orleans, LA. Published one manuscript in peer reviewed journal in 2007

7. *Biostatistician*, 2004. Department of Community Health Sciences, Tulane University, School of Public Health and Tropical Medicine, New Orleans, LA

Other Professional Experience

The Lincoln Parish Health Coalition, Men of Vision and Enlightenment Inc, Nonprofit community organization. Ruston, LA

Field Epidemiologist, Tobacco Control Project for Community of Color, PI, Larry Proctor
August 2007- August 12, 2008

Louisiana State University, Health Science Center, Medical Center of Louisiana, New Orleans, LA

Microbiology Extern, September 1998 - 2000

- Cultured, isolated, implanted and organized specimens for patient diagnosis

Bangladesh Community Hospital, Dhaka, Bangladesh

Medical Officer, June 1997- July 1998

- Diagnosed, treated, and managed in and outpatients.
- Presented patient cases to professors and consulted on care and follow-up
-
- Assisted in surgical operations

Sir Salimullah Medical College, Dhaka University, Department of Pediatrics, Dhaka, Bangladesh

Fellow in Pediatrics, July 1997 - June 1998

- Diagnosed, treated and managed in and out-patients of neonatal and pediatrics departments
- Supervised and scheduled health staff
- Ordered and maintained drugs and supplies
- Presented patient cases to professors and consulted with physicians on patient care and follow-up
- Consulted patients' families on breastfeeding, nutrition, and immunizations

Sir Salimullah Medical College, Dhaka University, Department of Medicine and Surgery, Dhaka, Bangladesh

Resident Intern, May 1996 - May 1997

- Diagnosed, treated and managed in and out-patients
- Assisted in surgical operations
- Supervised and scheduled health staff
- Ordered and maintained drugs and supplies
- Presented patient cases to professors and consulted on care and follow-up

5. RESEARCH EXPERIENCE

Received Research Grants

- **Program Director/Principal Investigator (Bhuiyan, Azad, R):** Project Title: Racial/ethnic disparity in relation to breakfast skipping and obesity/overweight prevalence and depression outcome: The Youth Risk Behavior Surveillance System (YRBSS), 2017.
Concept Paper for the Secondary Analysis of UAB Obesity Health Disparities Research Center (OHDRC) (U54MD000502). **Awarded: \$7000**; Year: July-December 2020.
- **PI of Research Project: Dr. Azad R Bhuiyan, Pilot project grant (Grant No: G12MD007581)**
Agency: National Institute of Health (NIH)
Grant Title: Research Centers in Minority Institutions (RCMI) for Environmental Health;
Overall PI: Dr. Paul Tchounwou. RCMI
Title of project: Progression of metabolic syndrome in relation to depression and inflammatory biomarker.
Progression of metabolic syndrome in relation to depression and inflammatory biomarker.
Awarded: \$ 80,000, Year: 2016-2018, and also for spring 2019,
Release-time money, \$25,720 and \$16,075 were used for reduced course load, respectively.

- **Team Member of First in the World Integrated Stem-Multidisciplinary Team (MDT-Education, Engagement, Innovation and Research)** for 2019-2020 academic year funded by the United States Department of Education. Received **\$6000, 2019**
- Assisting with preparations of the final report to the funding agency, and
- Encouraging and assisting MDT students with preparing a poster for the 16th International Symposium in September 2020, **\$6875, 2020**
PI: Dr. Paul B. Tchounwou, CSET Associate Dean
- **Instructor of Jackson Heart Study Graduate Training and Education Center (GTEC): Dr. Azad R Bhuiyan**, 2014 to current (\$3,000/year, total **\$15000.00**), NIH funded
PI: Dr. Marinelle Payton, Epidemiology and Biostatistics Dept. Chair
- **Investigator: Dr. Azad R Bhuiyan**, 2010-2013 (Received around \$8,250/per year)
PI: Dr. Gerri A. Cannon-Smith and Sophia S. Leggett
Behavioral and Environmental Health Equity Project
Funded by the Department of Health and Human Services' Office of Minority Health
Through the University of Mississippi Medical Center
Amount: 300,000 for four years period

Proposal Submitted

- Investigator (**Bhuiyan, Azad, R**): **R01 HL157963-01**, entitled Mechanisms Contributing to Obstructive Sleep Apnea and Health Disparity among Minority Populations, Submitted on July 15, 2020
- Program Director/Principal Investigator (**Bhuiyan, Azad, R**): **R21 #13092801**. Identifying Mechanisms of Disparities in Hepatitis B Vaccine Coverage Among Minority Populations. Submitted on May 1, 2020
- Program Director/Principal Investigator (**Bhuiyan, Azad, R**): Racial/ethnic disparity in relation to breakfast skipping and obesity/overweight prevalence: The Youth Risk Behavior Surveillance System (YRBSS), 2017”, Concept Paper for the UAB Obesity Health Disparities Research Center (OHDR) (**RFA-OHDR-20-001**). February 1, 2020, 50K
- Program Director/Principal Investigator (**Bhuiyan, Azad, R**): Prevalence of Health Disparities in Depression and Metabolic Syndrome and the Mediator/Mechanistic Role of C-Reactive Protein in Bidirectional Association between Depression and Metabolic Syndrome: The National Health and Nutrition Examination Survey, 2009-2010. Submitted to include overall RCMI proposal for NIH on October 27, 2018
- **Azad R Bhuiyan (statistician)**, Dr. Amal Mitra (PI). Health for Extremely Less Privileged People in Mississippi (HELP-MS): A Health Needs Assessment Project (NIH, not funded), June 2018
- **Azad Bhuiyan** (team, member, JSU), Himangshu Das (JSU), Saiful Islam ((BUET), Mohammad Hussain (UT), Sahadat Hossain (IWF), Sadik Khan (JSU), Tarakul Islam (IWF), Shahnaz Chowdhury ((BUHS). Development of climate change resilient enterprise and Innovation Design from Jackson State University. Submitted to USAID for 5 million US dollars, October 4, 2016.
- **PI: Dr. Azad R Bhuiyan**: Metabolic syndrome in relation to the social determinant of health Grant submitted to UAB for \$15000 on November 5, 2015 (Not funded)
- **PI: Dr. Azad R Bhuiyan**. The effect of socio-economic status and life course of socioeconomic status after controlling for biological and behavioral factors on obesity prevalence in a biracial population (Black/White) in a semi-rural community: Research Projects on the Social Determinants of Obesity and Related Chronic Diseases throughout the Life Course (RFA-TCC-14-002), Requested for \$100,000. Submitted on April 1, 2014, Not uploaded
- **PI: Dr. Azad R Bhuiyan**, Relationship of metabolic syndrome to depression and inflammatory biomarkers from 7 years of follow-up: The Bogalusa Heart Study” in submitted to eRA Commons on February 14, 2013. (Loading error due to submission on last day).

Grant Writing/Mentor Workshop

- Participated grant writing retreat at Birmingham, AL, Feb 26-28, sponsored by University of Alabama Minority Health and Health Disparities Research Center, Supported by NIMHD: 2U54MD000502

- Participated for mentor training workshop sponsored by ‘The Center for Research Education and, Training Enhancement (CREATE)’ at Florida Agricultural & Mechanical University, July 30, 2019
- Participated in Grant Writer’s Seminar on Monday, February 27, 2017, at JSU Engineering auditorium, Speaker Dr. John Robertson.
- Selected for a grant writing workshop at the NIH-funded National Research Mentoring (NRMN) Southeast Training Hub in Atlanta, GA for May 18th to 20th, 2016
- Participated in Bioinformatics workshop On Tuesday, Nov 15, 2016. Sponsored by Bioinformatics and Biostatistics core, Center for Environmental Health, JSU.

Certification/Professional Development

- Selected for Health Disparities Research Education Program Scholar, 2019-2020, University of Alabama Minority Health and Health Disparities Research Center, Supported by NIMHD: 2U54MD000502
- CANVAS Faculty Online Teaching, September 13, 2019
- Certificate of Appreciation for Invited Speaker in Bangladesh University of Health Sciences, December 2019
- Certificate of Reviewing Elsevier Journal, 2019
- Online Student Success Orientation offered by University of Maryland, August 23, 2018
- Analysis of National Health Survey Data offered by the Dept. of Epidemiology and Biostatistics in Summer 2018, University of Maryland
- Certificate of Completion for Unlawful Harassment Prevention for Higher Education Faculty, August 29, 2018
- Certificate of Completion for Respect and Inclusion Series: Uncovering Implicit Bias, August 29, 2018
- Active Shooter Situation, February 2018
- Participated in NHGRI funded-7th Annual Short Course on Next-Generation Sequencing at UAB, School of Public Health, and Department of Biostatistics. Monday, December 18, 2017- Thursday 21, 2017.
- Instructional Technology Training, August 2017
- Certificate of Appreciation for serving as a Judge at the MAS 79th Annual Meeting, 2015
- Instructional Technology Training, August 2013

Voluntary Work

1. Session moderator for APHA’s 2020 virtual Annual Meeting and Expo (Oct. 24-28)
2. **APHA Abstract reviewer:** Abstract Reviewer for the Public Health Education and Health Promotion program. American Public Health Association’s 2020 Annual Meeting and Expo (Oct 24-28)
3. **Topic Editor:** The International Journal of Environmental Research and Public Health from September 18, 2019. Open access peer-reviewed scientific journal
4. **Joined as a mentor for Mentoring Program at** ‘The Center for Research Education and, Training Enhancement (CREATE)’ at Florida Agricultural & Mechanical University for 2019-2021
5. **APHA Abstract reviewer:** Abstract Reviewer for the Public Health Education and Health Promotion program. American Public Health Association’s 2019 Annual Meeting and Expo (Nov. 2 - Nov. 6) Philadelphia, PA.
6. **Reviewer of *International Journal of Environmental Research and Public Health*** — Open Access Journal, molecules and Heliyon, Disease journal,
7. **Served as grant reviewer-** Community Characteristics Associated with Geographic Disparities in Diabetes and Cardiometabolic Health scheduled for Tuesday, April 25, 2017, and Wednesday, April 26, 2017, via teleconference.
8. **Reviewer of Epigenetics and atherosclerosis – challenges and potential, JSM Atherosclerosis**

Published peer-refereed journal articles

1. Jones, E. A., Mitra, A. K., & Bhuiyan, A. R. (2021). Impact of COVID-19 on Mental Health in Adolescents: A Systematic Review. *International Journal of Environmental Research and Public Health*, 18(5), 2470.
2. Barner, Y.M., Nwagwu, E., **Bhuiyan, A.**, Leggett, S.S., McWilliams, D, Younis, M, Lee, J.E., HyeSung, J. (2020). Gender and Residence Differentials in the Association between Composite Physical Activity and Academic Success among College Students: *Policy Implication. International Journal of Current Research*. 12(09), 4021-14026.
3. Ezekwe, E. I., & **Bhuiyan, A. R.** (2020). Prevalence and Determinants of Hypertension among African American Adults in Southwest Mississippi. *International Journal of Sciences*, 9(02), 4-13.
4. **Bhuiyan, A.R.**, Kabir, N., Mitra, A.K., Ogungbe, O., Payton, M. (2020). Disparities in Hepatitis B Vaccine Coverage by Race/Ethnicity: The National Health and Nutrition Examination Survey (NHANES) 2015–2016. *Diseases*. 8(2), 10. <https://doi.org/10.3390/diseases8020010>.
5. Bagai, J., **Bhuiyan, A. R.**, White, C. J., Mukherjee, D., & Paul, T. K. (2020). Outcomes Following Percutaneous Coronary Intervention Before, During, and After Transition to a Default Trans radial Approach at a Veterans Affairs Medical Center. *Angiology*, 0003319720920159. <https://doi.org/10.1177%2F0003319720920159>.
6. Andrew, P. O., **Bhuiyan, A.**, Sung, J. H., Mawson, A., & Shahbazi, M. (2020). Assessment of Risk Behaviors for HIV Infection among Undergraduate Students at a Historically Black University. *Asian Journal of Research in Infectious Diseases*, 10-20. <https://doi.org/10.9734/ajrid/2020/v3i230122>.
7. Andrew, P. O., **Bhuiyan, A. R.**, Sung, J. H., Mawson, A., & Shahbazi, M. (2020). Association between HIV/AIDS Knowledge and Attitudes among African American Undergraduate Students in Jackson, Mississippi. *Asian Journal of Research in Infectious Diseases*, 29-40. <https://doi.org/10.9734/ajrid/2020/v3i230124>.
8. **Bhuiyan, A. R.**, Kabir, N., Payton, M., & Mitra, A. K. (2019). Prevalence and Socioeconomic Disparities in Depression among US Adults: National Health and Nutrition Examination Survey, 2015–2016. *J Pub Health Issue Pract*. 3: 146.
9. **Bhuiyan, A. R.**, Cannon-Smith, G. A., Leggett, S. S., McCoy, P. D., Barvié, M., & Jones, A. W. (2019). An Analysis of Acculturation Status and Healthcare Coverage for the Needs of Mental Health Service Utilization among Latinos in Mississippi, Louisiana, and Alabama. *Psych*, 1(1), 460-468. <https://doi.org/10.3390/psych1010035>.
10. Andrew, P., **Bhuiyan, A. R.**, Mawson, A., & Shahbazi, M. (2019). Assessment of attitudes toward HIV and AIDS among undergraduate students at a historically Black University. *Journal of AIDS and HIV Treatment*, 1(2).
11. **Bhuiyan, A. R.**, Mitra, A. K., Ogungbe, O., & Kabir, N. (2019). Association of HCV Infection with C-Reactive Protein: National Health and Nutrition Examination Survey (NHANES), 2009–2010. *Diseases*, 7(1), 25. <https://doi.org/10.3390/diseases7010025>.
12. Andrew, P. O., **Bhuiyan, A.**, Mawson, A., Buxbaum, S. G., Sung, J. H., & Shahbazi, M. (2018). HIV/AIDS knowledge of undergraduate students at a Historically Black College and University. *Diseases*, 6(4), 98. <https://doi.org/10.3390/diseases6040098>.
13. **Bhuiyan, A.R.**, Sophia S. Leggett, S.S., Cannon-Smith, G.A., Pamela D. McCoy, P.D., Maria Barvie, M. (2017). Predictors of Dental Care Service Utilization among Hispanics/Latinos in Mississippi, Louisiana, and Alabama. *Published in the Journal of Rural and Urban Research*.
14. Mawson, A. R., **Bhuiyan, A.**, Jacob, B., & Ray, B. D. (2017). Preterm birth, vaccination and neurodevelopmental disorders: a cross-sectional study of 6-to 12-year-old vaccinated and unvaccinated children. *J. Transl. Sci*, 3, 1-8.

15. Mawson, A. R., Ray, B. D., **Bhuiyan, A. R.**, & Jacob, B. (2017). Pilot comparative study on the health of vaccinated and unvaccinated 6-to 12-year-old US children. *J Transl Sci*, 3(3), 1-12.
16. McCoy, P., Leggett, S., **Bhuiyan, A.**, Brown, D., Frye, P., & Williams, B. (2017). Text messaging: an intervention to increase physical activity among African American participants in a faith-based, competitive weight loss program. *International journal of environmental research and public health*, 14(4), 326.
17. Azevedo, M. J., Conwill, D. E., Lawrence, S., Jackson, A., **Bhuiyan, A. R.**, Hall, D., ... & Beckett, G. (2015). Tuberculosis Containment among the Homeless in Metropolitan Jackson, Mississippi. *Journal of the Mississippi State Medical Association*, 56(8), 243.
18. **Bhuiyan, A. R.**, Srinivasan, S. R., Chen, W., Fernandez, C., Xu, J. H., & Berenson, G. S. (2015). Timing of menarche related to carotid artery intima-media thickness in black and white young adult women: the Bogalusa Heart Study. *Annals of epidemiology*, 25(6), 414-419. <https://doi.org/10.1016/j.annepidem.2015.02.001>.
19. Mendy, V. L., Azevedo, M. J., Sarpong, D. F., Rosas, S. E., Ekundayo, O. T., Sung, J. H., **Bhuiyan, A.R.**, & Addison, C. (2014). The association between individual and combined components of metabolic syndrome and chronic kidney disease among African Americans: the Jackson Heart Study. *PloS one*, 9(7), e101610.
20. Joulaei, H., **Bhuiyan, A. R.**, Sayadi, M., Morady, F., & Kazerooni, P. A. (2014). Slums' access to and coverage of primary health care services: a cross-sectional study in Shiraz, a Metropolis in Southern Iran. *Iranian journal of medical sciences*, 39(2 Suppl), 184. PMID: 24753641.
21. **Bhuiyan, A. R.**, Srinivasan, S. R., Chen, W., Azevedo, M. J., & Berenson, G. S. (2011). Influence of low birth weight on C-reactive protein in asymptomatic younger adults: the Bogalusa Heart Study. *BMC research notes*, 4(1), 1-5.
22. Dola, C. P., Khan, R., DeNicola, N., Amirgholami, M., Benjamin, T., **Bhuiyan, A.**, & Longo, S. (2012). Combination antiretroviral therapy with protease inhibitors in HIV-infected pregnancy. *Journal of perinatal medicine*, 40(1), 51-55. <https://doi.org/10.1515/JPM.2011.111>.
23. Dola, C., Tran, T., Linhuber, A. M., Cierny, J., Denicola, N., Chong, E., & **Bhuiyan, A.** (2011). Preterm birth after mature fetal lung indices: is there any neonatal morbidity?. *The Journal of Maternal-Fetal & Neonatal Medicine*, 24(1), 73-78. <https://doi.org/10.3109/14767058.2010.481319>.
24. Federico, C., Alleyn, J., Dola, C., Tafti, S., Galandak, J., Jacob, C., ... **Bhuiyan, A.** & Cheng, J. P. (2010). Relationship among age, race, medical funding, and cervical cancer survival. *Journal of the National Medical Association*, 102(3), 199-205. [https://doi.org/10.1016/S0027-9684\(15\)30526-5](https://doi.org/10.1016/S0027-9684(15)30526-5).
25. **Bhuiyan, A. R.**, Chen, W., Srinivasan, S. R., Azevedo, M. J., & Berenson, G. S. (2010). Relationship of low birth weight to pulsatile arterial function in asymptomatic younger adults: the Bogalusa Heart Study. *American journal of hypertension*, 23(2), 168-173. <https://doi.org/10.1038/ajh.2009.218>.
26. Cavasin, H., Dola, T., Uribe, O., Biswas, M., Do, M., Bhuiyan, A., ... & Dola, C. (2009). Postoperative infectious morbidities of cesarean delivery in human immunodeficiency virus-infected women. *Infectious Diseases in Obstetrics and Gynecology*, 2009. <https://doi.org/10.1155/2009/827405>.
27. **Bhuiyan, A. R.**, Chen, W., Srinivasan, S. R., Rice, J. C., Mock, N. B., Tang, R., ... & Berenson, G. S. (2008). Interaction of G-protein $\beta 3$ Subunit and Nitric Oxide Synthase Gene Polymorphisms on Carotid Artery Intima-media Thickness in Young Adults: The Bogalusa Heart Study. *American journal of hypertension*, 21(8), 917-921. <https://doi.org/10.1038/ajh.2008.188>.
28. **Bhuiyan, A. R.**, Srinivasan, S. R., Chen, W., Sultana, A., & Berenson, G. S. (2008). Association of serum bilirubin with pulsatile arterial function in asymptomatic young adults: the Bogalusa Heart Study. *Metabolism*, 57(5), 612-616. <https://doi.org/10.1016/j.metabol.2007.12.003>.

29. **Bhuiyan, A. R.**, Chen, W., Srinivasan, S. R., Rice, J., Mock, N., Tang, R., ... & Berenson, G. S. (2007). G-6A Polymorphism of angiotensinogen gene modulates the effect of blood pressure on carotid intima-media thickness: The Bogalusa Heart Study. *American journal of hypertension*, 20(10), 1073-1078. <https://doi.org/10.1016/j.amjhyper.2007.06.001>.
30. **Bhuiyan, A. R.**, Chen, W., Srinivasan, S. R., Rice, J., Mock, N., Tang, R., ... & Berenson, G. S. (2007). Influence of nitric oxide synthase gene polymorphism (G894T) on carotid artery intima-media thickness in adults: the Bogalusa Heart Study. *Journal of the American Society of Hypertension*, 1(5), 362-368. <https://doi.org/10.1016/j.jash.2007.06.006>.
31. Beilke, M. A., Dorge, V. L. T., Sirois, M., **Bhuiyan, A.**, Murphy, E. L., Walls, J. M., ... & Kissinger, P. J. (2007). Relationship between human T lymphotropic virus (HTLV) type 1/2 viral burden and clinical and treatment parameters among patients with HIV type 1 and HTLV-1/2 coinfection. *Clinical infectious diseases*, 44(9), 1229-1234. <https://doi.org/10.1086/513428>.
32. **Bhuiyan, A. R.**, Srinivasan, S. R., Chen, W., Paul, T. K., & Berenson, G. S. (2006). Correlates of vascular structure and function measures in asymptomatic young adults: the Bogalusa Heart Study. *Atherosclerosis*, 189(1), 1-7. <https://doi.org/10.1016/j.atherosclerosis.2006.02.011>.
33. **Bhuiyan, A. R.**, Li, S., Li, H., Chen, W., Srinivasan, S. R., & Berenson, G. S. (2005). Distribution and correlates of arterial compliance measures in asymptomatic young adults: the Bogalusa Heart Study. *American journal of hypertension*, 18(5), 684-691. <https://doi.org/10.1016/j.amjhyper.2004.11.039>.
34. Paul, T. K., Srinivasan, S. R., Wei, C., Li, S., **Bhuiyan, A. R.**, Berenson, G. S., ... & Tang, R. (2005). Cardiovascular risk profile of asymptomatic healthy young adults with increased femoral artery intima-media thickness: The Bogalusa Heart Study. *The American journal of the medical sciences*, 330(3), 105-110. <https://doi.org/10.1097/00000441-200509000-00001>.
35. **Bhuiyan, A. R.**, Gustat, J. R. S. S., Srinivasan, S. R., & Berenson, G. S. (2003). Differences in body shape representations among young adults from a biracial (Black-White), semirural community: the Bogalusa Heart Study. *American Journal of Epidemiology*, 158(8), 792-797. <https://doi.org/10.1093/aje/kwg218>.

Published Book Chapter

1. Andrew, P.O., **Bhuiyan, A.**, Mawson, A., Buxbaum, S.G., Sung, J.H., Mohammad Shahbazi, M. (2019). HIV/AIDS Knowledge of Undergraduate Students at a Historically Black College and University. Top 5 Contributions in Infectious Diseases. New open-access eBook entitled "Top 5 Contributions on Infectious Disease", Published in Avid Science, 2019.
2. **Bhuiyan, A.R.** Infectious and Communicable Diseases in Mississippi, In Azevedo, M.J. (Ed.) (pp 247-287) (2015). The State of Health and Health Care in Mississippi (pp. 247-287). Jackson, Mississippi: The University Press of Mississippi.

Submitted/Reviewed Manuscripts

1. **Bhuiyan A.R.**, Payton, M., Mitra A., Leggett, S.S., Xu, J., Tchounwou, P.B. (2020). Progression of Metabolic Syndrome along with Depression Symptoms and High Sensitivity C-Reactive Protein: The Bogalusa Heart Study. Submitted to the International Journal of Public Health and Environmental Health in January.
2. **Bhuiyan, A.R.**, Ogungbe, O., Mitra, A., Nusrat, K., Payton, M. (2020). Validation of self-reported diagnosis of hypertension in the National Health and Nutrition Examination Survey (NHANES), 2017-2018.
3. Trivedi, R.K., Xinnan Wang, X., Jihua Xu, J., **Bhuiyan, A.**, Fang, Z., Smart F., Gerald Berenson, G. Early and Late Adulthood Risk Factors in the Development of Carotid Plaque: The Bogalusa Heart Study

Presentation

National and International Conference Presentations

1. **Azad Bhuiyan, A.**, Ogungbe, O., MPH, RN, Mitra, A., Kabir, N., Payton, M. (2020). Assessment of agreement between self-reported hypertension and measured hypertension in the national health and nutrition examination survey, (NHANES) 2015-2016. Virtual presentation with students at American Public Health Association (APHA), October 24-28.
2. **Azad Bhuiyan, A.**, Mitra, A., Marinelle Payton, M. (2020). The association of overweight with depression in youth: Data from the 2017 youth risk behavior surveillance system (YRBSS). Virtual Presentation at American Public Health Association (APHA), October 24-28.
3. Ogungbe, O., **Azad Bhuiyan, A.**, Amal Mitra, A., Nusrat Kabir, N. (2020). The validity of self-reported hypertension by race/ethnicity in the national health and nutrition examination survey, (NHANES) 2015-2016. Virtual Presentation with students at American Public Health Association (APHA), October 24-28.
4. Kabir, N., M.B.B.S., **Bhuiyan, A.**, Mitra, A., Asala, A. (2020). Disparities in major depression among individuals with self-reported hypertension: National health and nutrition examination survey (NHANES), 2009-2010. Virtual Presentation with a student at American Public Health Association (APHA), October 24-28.
5. Jiri, T., Mario Azevedo, M., Addison, C.C., **Bhuiyan, A.** (2020). Association of renal function with risk of cardiovascular disease among African americans with prediabetes: The Jackson heart study. Virtual Presentation with a student at American Public Health Association (APHA), October 24-28.
6. Aseel, S. DrPH (Candidate), Shahbazi, M., **Bhuiyan, A.**, Shaw-Ridley, M., Akil, L., Addison, C.C., Sarraf, Z. (2020). Beliefs and behaviors towards breast cancer screening among the women in southern Iran. Virtual Presentation with a student at American Public Health Association (APHA), October 24-28.
7. **Bhuiyan, A.R.**, Mitra, A., Ogungbe, O., Nusrat Kabir, N., Payton, M. (2019). Validity of Self-Reported Hypertension by Race/Ethnicity in the National Health and Nutrition Examination Survey, (NHANES) 2009-2010. Oral presentation with students at the APHA conference in Philadelphia.
8. **Bhuiyan, A.R.**, Amal Mitra, A., Ogungbe, O., Kabir, N. (2019). Prevalence of Hepatitis B Vaccine Coverage by Race/Ethnicity: National Health and Nutrition Examination Survey (NHANES), 2009-2010. Oral presentation with students at the APHA conference in Philadelphia.
9. Kabir, N., **Azad R Bhuiyan, A.R.**, Payton, M. (2019). Disparities in Self-reported Hypertension by Race/Ethnicity among Major Depressed Individuals: The National Health and Nutrition Examination Survey (NHANES), 2009-2010. Poster presentation at the APHA conference in Philadelphia.
10. Ivoke, O., DrPH(c), Azad R Bhuiyan, A.R., Sarpong, D, Vargas, R., Mario Azevedo, M., Mario Sims (2019). Associations of Dispositional Optimism with Multiple Measures of Obesity Among African Americans: The Jackson Heart Study. Poster presentation at the APHA conference in Philadelphia.
11. Ivoke, O., DrPH(c), **Bhuiyan, A.R.**, Sarpong, D., Vargas, R., Azevedo, M., Mario Sims, M. (2019). Optimism is Associated with Longitudinal Changes in Adiposity Measures: The Jackson Heart Study. Poster presentation at the APHA conference in Philadelphia.
12. Adiba, A., Khawaja, N., Meredeth, P., **Bhuiyan, A.R.** (2019). Effect of Electronic Bullying on Adolescent Mental Health and Suicide: The Youth Risk Behavior Surveillance System (YRBSS) 2017, Both poster and oral presentation as a New Research Poster at American academy of child and adolescent Psychiatry's 66th Annual Meeting and **received best Poster Award in AACP 2019 in Chicago.**

13. Adiba, A., **Bhuiyan, A.R.** (2019). Racial/Ethnic, Gender, and Age Differences of Prediabetes among Adults with Depression: The National Health and Nutrition Examination Survey (NHANES), 2009-2010. Poster presented at the American Psychiatric Association Annual Meeting, Moscone Center in San Francisco, CA.
14. Kabir, N., **Bhuiyan, A.R.**, Adiba, A., Payton, M. (2019). Comparing Measured and Self-Reported Hypertension by Race/Ethnicity among Major Depressed Individuals: The National Health and Nutrition Examination Survey, 2009-2010. Student presented poster at the American Psychiatric Association Annual Meeting, Moscone Center in San Francisco, CA, May 18-22.
15. **Bhuiyan, A.R.**, Payton, M., Leggett, S.S., Srinivasan, S.R., Xu, J., Berenson, G.S., Paul Bernard Tchounwou, P.B. (2019). Progression of Metabolic Syndrome along with Depression Symptoms and High Sensitivity C-Reactive Protein: The Bogalusa Heart Study. Oral presentation at National Institute of Cardiovascular Disease and Bangladesh University of Health Sciences in December (**Invited speaker**).
16. **Bhuiyan, A.R.**, Payton, M., Mawson, A., Mitra, A., Danielle Bogan, D. (2017). Association of Depression symptoms with Hemoglobin A1c among US adults from the National Health and Nutrition Examination Survey (NHANES), 2009-2010. Presented at APHA, Atlanta, GA.
17. **Bhuiyan, A.R.**, Payton, M., Mitra, A., Mawson, A., Bogan, D. (2017). Association of Depression with C-reactive Protein among US Adults from the National Health and Nutrition Examination Survey (NHANES), 2009-2010. Presented with student at APHA conference, Atlanta, GA.
18. **Bhuiyan, A.R.** (2017). Prevalence and socioeconomic disparities in depression symptoms among US adults from the National Health and Nutrition Examination Survey (NHANES), 2009-2010. Poster presentation at the APHA, Nov 4-7, Atlanta, GA.
19. **Bhuiyan, A.R.** (2017). Metabolic syndrome with depression and C-reactive protein. Poster presentation at RCMI Translational Science 2017 Conference at the Marriott Wardman Park Hotel in Washington, DC.
20. **Bhuiyan, A.R.** (2017). Prevalence and socioeconomic disparities in depression symptoms among US adults from the National Health and Nutrition Examination Survey (NHANES), 2009-2010. Accepted but not presented for poster presentation at the ACE Annual Meeting at Westin, New Orleans, Louisiana.
21. **Bhuiyan, A.R.**, Payton, M. Leggett, S.S., Srinivasan, S.S., Jihua Xu, J., Berenson, G.S. (2017). Progression of metabolic syndrome in relation to depression symptoms and high sensitivity C-reactive protein: The Bogalusa Heart Study. Oral presentation at the Fourteenth International Symposium on Recent Advances in Environmental Health Research on Wednesday, September 13.
22. **Bhuiyan, A.R.**, Bogan, D.R., Barner, Y.M. Payton, M., Leggett, S.S., Srinivasan, S.R., Xu, J. Berenson, G.S. (2017). Distribution of C-reactive protein among US adults from the National Health and Nutrition Examination Survey (NHANES), 2009-2010. A poster presentation with students at the Fourteenth International Symposium on Recent Advances in Environmental Health Research.
23. **Bhuiyan, A.R.**, Leggett, S.S., Cannon-Smith, G. A., McCoy, P.M., Barvie, M. (2016). Acculturation is an independent predictor of health insurance coverage among Hispanic/Latinos in Mississippi, Louisiana, and Alabama. Poster presentation at APHA, November 2.
24. Maliyamkono, M., **Bhuiyan, A.R.**, Addison, C., Azevedo, M., Leggett, S., Musani, S. (2016). Association of Blood Pressure and Antihypertensive Therapy with Lung Function and Other Respiratory Symptoms in African Americans: The Jackson Heart Study. Oral presentation with a student, November 2.
25. Brown, A., Shahbazi, M., Brown, D., **Bhuiyan, A.R.**, Leggett, S.S.(2016). A Qualitative Pilot Study of the Underutilization of Influenza Vaccinations by African American Older Adults. Poster presentation with a student, at APHA.

26. Sirous, R., **Bhuiyan, A.R.**, Sirous, M., Razavi, S., Khalighi, F., Vida Razavi, N.V. (2015). Density incidence and trend of breast cancer in Iran. Student presentation at APHA.
27. **Bhuiyan, A.R.**, Cannon-Smith, G.A, Leggett, S.S., McCoy, P.D., ; Maria Barvié, BA; Manju M. (2014). Health Care Coverage Better Predictor than Socioeconomic Status and Acculturation Status for Mental Health Service Utilization among Latinos in Mississippi, Louisiana, and Alabama, Presented at The National Association of African American Studies & Affiliates, Mississippi College, International Research Forum.
28. **Bhuiyan A.R.**, Srinivasan S.R., Chen, W., Fernandez, C., Xu, J.H., Berenson G.S. (2014). High Sensitivity C-Reactive Protein Related to Chronic Kidney Disease in Asymptomatic Adults: The Bogalusa Heart Study" will present on 142nd APHA Annual Meeting and Exposition, November 15 - November 19, in New Orleans, LA.
29. **Bhuiyan, A.R.**, Leggett, S.S., MPH; Gerri A. Cannon-Smith, G.A., Pamela D. McCoy, P.D., Maria Barvié, M. (2014). Predictors of Dental Care Service Utilization among Latinos in Mississippi, Louisiana, and Alabama, Poster presentation at the 142nd APHA Annual Meeting and Exposition, November 15 -19 in New Orleans. LA.
30. **Bhuiyan, A.R.**, Leggett, S.S., Cannon-Smith, G.A., McCoy, P.D., Barvié, M., (2014). Predictors of Dental Care Service Utilization among Latinos in Mississippi, Louisiana, and Alabama". Poster presentation at the National Institute on Minority Health and Health Disparities Grantees' Conference, formerly known as International Symposium on Minority Health and Health Disparities (ISMHHDI) on December 1-3, Maryland.
31. **Bhuiyan, A.R.**, Cannon-Smith, G.A., Leggett, S.S., McCoy, P.D., Maria Barvié, M. (2014). Health Care Coverage Better Predictor than Socioeconomic Status and Acculturation Status for Mental Health Service Utilization among Latinos in Mississippi, Louisiana and Alabama, poster presentation at The National Institute on Minority Health and Health Disparities Grantees' Conference, formerly known as International Symposium on Minority Health and Health Disparities (ISMHHDI) on December 1-3, Maryland.
32. Cannon-Smith, G.A, **Bhuiyan, A.R.** Leggett, S.S. (2012). Prevalence, Correlates of Depression, and Mental Health Service Utilization Among Hispanics in Mississippi. 141thth American Public Health Association Conference. New Orleans, LA. March 6-8.
33. **Bhuiyan, A.R.**, Srinivasan S.R., Chen, W., Fernandez C., Xu, J.H., Berenson, G.S. (2013). Early-onset of menarche associated with internal carotid artery intima-media thickness. The Bogalusa Heart Study. 141thth American Public Health Association Conference. Boston, MT, Nov 2-6.
34. **Bhuiyan, A.R.**, Srinivasan, S.R., Chen, W., Fernandez, C., Azevedo, M. J., Berenson, G.S. (2012). Low birth weight is associated with insulin and homeostasis model assessment of insulin resistance but not with glucose and glycated hemoglobin A (A1c) in asymptomatic younger adults: The Bogalusa Heart Study. Paper presented at the 140th American Public Health Association Conference, San Francisco, CA, October 27-31.
35. **Bhuiyan, A.R.**, Srinivasan, S.R., Chen, W., Azevedo, M.J., Berenson, G.S. (2011). Influence of high sensitivity C-reactive protein on pulsatile arterial function in asymptomatic younger adults: The Bogalusa Heart Study. 139th American Public Health Association Conference, Washington DC, October 29-November 2.
36. **Bhuiyan, A.R.**, Chen, W., Srinivasan, S.R., Azevedo, M.J., Berenson, G.S. (2009). Low birth weight is associated with lower large artery compliance in asymptomatic younger adults: the Bogalusa Heart Study. American Public Health Association's 137th Annual Meeting and Exposition, Philadelphia, PA. November 7-11.

37. **Bhuiyan, A.R.**, Chen, W., Srinivasan, S.R., Azevedo, M.J., Berenson, G.S. (2009). Relationship of low birth weight is associated with lower large artery compliance in asymptomatic young adult: The Bogalusa Heart Study. Oral presentation at the 137th American Public Health Association. Conference, Philadelphia, PA, November 7-11.
38. **Bhuiyan, A.R.**, Srinivasan, S.R., Chen, W., Sultana A., Berenson G.S. (2007). Association of serum bilirubin with pulsatile arterial function in asymptomatic young adults: The Bogalusa Heart Study. Poster discussion at 47th Annual Conference on Cardiovascular Disease Epidemiology and Prevention in Orlando, Florida, March 2.
39. **Bhuiyan, A.R.**, Srinivasan, S.R., Chen, W., Paul, T.K., Berenson, G.S. (2006). Correlates of structure and function measures of the vasculature in asymptomatic younger adults: The Bogalusa Heart Study. Poster presentation at 46th Annual Conference on Cardiovascular Disease Epidemiology and Prevention in Phoenix, Arizona, March.
40. Paul, T., Srinivasan, S.R., Chen, W., **Bhuiyan A.R.**, Bond, M.G., Tang, R., Berenson, G.S. (2005). Cardiovascular risk profile of asymptomatic healthy young adults with increased femoral artery intima-media thickness: The Bogalusa Heart Study. Presented at the 133rd Annual Meeting & Exposition of American Public Health Association, December 10-14, Philadelphia, PA.
41. Beilke, M.A., Traina-Dorge V., Sirois M.J., West J., Walls JM, **Bhuiyan, A.**, Kissinger P. (2005). HTLV-1/2 viral load and immunologic parameters among HIV-1 co-infected individuals. Poster presented at the 12th international conference on human retrovirology, Jamaica, June.
42. **Bhuiyan, A.R.**, Gustat, J., Srinivasan, S.R., Berenson, G.S. (2002). Racial Contrasts (black-white) in Body Image Perception of Young Adults: The Bogalusa Heart Study. Presentation at the American Heart Association's 75th Scientific Session, 17- 20th November, Chicago.

State and Local Refereed Conference Presentations

1. **Bhuiyan, A.R.**, Mitra, A.K., Ogungbe, O., Kabir, N. (2019). Association of HCV infection and its risk factors with c-reactive protein: The National Health and Nutrition Examination Survey (NHANES), 2009-2010. The student received third prize. Fifteenth International Symposium on Recent Advances in Environmental Health Research, Marriott Hotel, Jackson, MS February 17-20.
2. **Bhuiyan, A.R.** (2019). Metabolic syndrome with depression and C-reactive protein. Poster presentation at Fifteenth International Symposium on Recent Advances in Environmental Health Research, Marriott Hotel, Jackson, MS February 17-20.
3. **Bhuiyan, A.R.**, Kabir, N., Adiba, A., Payton, M. (2019). Comparing Measured and Self-reported Hypertension by Race/Ethnicity among Major Depressed Individuals. The National Health and Nutrition Examination Survey (NHANES), 2009-2010. The student received the second prize. Poster presentation at Fifteenth International Symposium on Recent Advances in Environmental Health Research, Marriott Hotel, Jackson, MS February 17-20.
4. Ievleva, S., Steward, C., Llyod, C., **Bhuiyan, A.R.**, Archie Taylor, A., Williams, V., Debarshi Roy D. (2019). Metabolic disorders and cancer disparity among African-American population in the United States. Poster presented at 82nd Mississippi Academy of Sciences Conference February 21st-22nd in Hattiesburg, MS.
5. **Bhuiyan A.R.**, Kabir, N., Payton, M. (2018). Prevalence and socioeconomic disparities in depression symptoms among US adults from the National Health and Nutrition Examination Survey (NHANES), 2009-2010. Oral presentation at MPHA, 81st Public Health Conference and Annual Meeting, October 18-19, Hilton Jackson; Jackson, MS
6. **Bhuiyan, A.R.** Cannon-Smith, G.A., Leggett, S.S., McCoy, P.D., Barvié, M.G. (2018). Predictor of Mental Health Service Utilization among Hispanic/Latino population in Mississippi, Louisiana, and Alabama. Poster presentation at MPHA, 81st Public Health Conference and Annual Meeting, October 18-19, 2018, Hilton Jackson; Jackson, MS.
7. **Bhuiyan, A.R.**, Bogan, D.R., Barner, Y.M., Payton, M., Leggett, S.S., Srinivasan, S.R., Xu, J., Gerald S. Berenson, G.S. (2017). Distribution of C-reactive protein among US adults from the National Health

- and Nutrition Examination Survey (NHANES), 2009-2010. The student received a 2nd place for a poster presentation at the 17th Health Disparities Conference. October 5-6.
8. Cannon-Smith, G., Leggett, S., **Bhuiyan, A.**, McCoy, P., Maria Barvié, M. (2016). Tri-State Hispanic Perspective on Health/Health Care: Behavioral and Environmental Health Equity Project. Oral presentation on Friday, October 14th for the professional panel during MPHA's annual meeting.
 9. Cannon-Smith, G., Leggett, S. **Bhuiyan, A.**, Pamela McCoy, P., Maria Barvié, M. (2017). Tri-State Hispanic Perspective on Health/Health Care: Behavioral and Environmental Health Equity Project. Accepted for presentation at the 10th Anniversary Health Disparities Conference to convene March 16 – 17 at the Sheraton New Orleans Hotel in New Orleans, Louisiana. (Unable to attend).
 10. **Bhuiyan, A.R.**, Leggett, S.S., Cannon-Smith, G. A., McCoy, P.D., Barvié, M., Prodduturu, S. (2015). Predictors of Dental Care Service Utilization among Latinos in Mississippi, Louisiana, and Alabama, poster presentation at the 79th Annual Meeting of Mississippi Academy of Sciences, February 26-27.
 11. **Bhuiyan A.**, Leggett, S., Cannon-Smith, G., McCoy, P., Barvie, G., Betson, N. (2014). Acculturation is an Independent Predictor of Health Insurance Coverage among Hispanic/Latinos in Mississippi, Louisiana, and Alabama. Poster presented at 14th Annual Eliminating Health Disparities Conferences, “Obesogenic.” October 16-17.
 12. **Bhuiyan, A.R.**, Cannon-Smith, SS Leggett. (2012). Behavioral and environmental health equity project. Gwendolyn S. Prater Research Forum. Jackson Medical Mall, Jackson, MS. April 3.
 13. **Bhuiyan, A.R.**, Leggett, S.S., McCoy, P.M., Cannon-Smith G.A. (2012). Behavioral and environmental health equity Latino/Hispanic community health needs assessment. 5th Health Disparities Conference, New Orleans, March 6-8.
 14. Cannon-Smith, G.A., Dehon, E., **Bhuiyan A.R.**, and Leggett, S.S. (2011). Prevalence, Correlates of Depression, and Mental Health Service Utilization among Hispanics in Mississippi (Results of A Pilot Study). Fifth Mental Health Research Conference, The Southern Institute for Mental Health Advocacy, Research and Training, Choctaw, MS, October 6-7.
 15. Cannon-Smith, G.A., Leggett, S.S., **Bhuiyan, A.** (2011). Behavioral and environmental health equity Latino/Hispanic community health needs assessment. Delta Regional Institute mini-conference, Ridgeland, June 15-17.
 16. Cannon-Smith, G., **Bhuiyan, A.**, SS Leggett, S. (2011). Behavioral and environmental health equity Latino/Hispanic community health needs assessment: A Pilot Study. 4th Health Disparity Conference, New Orleans, March 27-29, 2011.
 17. **Bhuiyan, A.R.**, Srinivasan S.R., Chen, W., Azevedo M.J., Berenson, G.S. (2011). Influence of high sensitivity C-reactive protein on pulsatile arterial function in asymptomatic younger adults: the Bogalusa Heart Study. 4th Health Disparity Conference, New Orleans, LA.
 18. **Bhuiyan, A.R.**, Chen, W., Srinivasan S.R., Azevedo, M.J., Berenson, G.S. (2009). Influence of low birth weight on c-reactive protein in asymptomatic younger adults: The Bogalusa Heart Study. 9th annual conference on eliminating health disparities, Jackson, MS.
 19. **Bhuiyan, A.R.**, Chen, W., Srinivasan, S.R., Azevedo, M.J., Berenson, G.S. (2009). Low birth weight is associated with lower large artery compliance in asymptomatic younger adults: the Bogalusa Heart Study. 3rd Health Disparity Conference, New Orleans, LA.
 20. **Bhuiyan, A.R.**, Chen, W., Srinivasan, S.R., Azevedo, M.J., Berenson, G.S. (2009). Low birth weight is associated with lower large artery compliance in asymptomatic younger adults: the Bogalusa Heart Study. Gwendolyn S. Prater Research Forum. Jackson Medical Mall, Jackson, MS.
 21. **Bhuiyan, A.R.**, Chen, W., Srinivasan, S.R., Azevedo, M.J., Berenson, G.S. (2009). Influence of low birth weight on c-reactive protein in asymptomatic younger adults: The Bogalusa Heart Study. Poster discussion at the 9th annual conference on eliminating health disparities, Jackson, MS.
 22. **Bhuiyan, A.R.**, Chen, W., Srinivasan S.R., Azevedo, M.J., Berenson, G.S. (2009). Relationship of Low birth weight is associated with lower large artery compliance in asymptomatic young adult: The Bogalusa Heart Study. Poster presentation at the 3rd annual health disparities conference, New Orleans, LA.
 23. **Bhuiyan, A.R.**, Chen, W., Srinivasan, S.R., Rice, J., Nancy, M., Tang, R, Bond, M.G., Boerwinkle E., Berenson, G.S. (2008). Interaction of C825T Polymorphism of G-protein $\beta 3$ Subunit Gene and G894T

- Polymorphism of Nitric Oxide Synthase Gene on Carotid Artery Intima-Media Thickness in Young Adults: Poster discussion at the Southern Regional Meeting, New Orleans, LA.
24. **Bhuiyan, A.R.**, Chen, W., Srinivasan, S.R., Berenson, G.S. (2008). Low birth weight is associated with lower large artery compliance in asymptomatic young adults: The Bogalusa Heart Study.” Poster discussion at the Southern Regional Meeting, New Orleans, LA.
 25. Proctor, L., **Bhuiyan, A.R.** (2007). Demographic characteristics affecting physical inactivity among biracial populations in North Louisiana. A Better Health for Delta Project. The poster presentation was given at the LAHPERD Convention, Baton Rouge, LA, November 4-6. .
 26. **Bhuiyan, A.R.**, Chen, W., Srinivasan, S.R., Rice, J., Boerwinkle E., Berenson G.S. (2007). G-6A Polymorphism of Angiotensinogen Gene Modulates the Effect of Blood Pressure on Carotid Artery Intima-Media Thickness: The Bogalusa Heart Study. Poster discussion at the Southern Regional Meeting, New Orleans, LA.
 27. **Bhuiyan, A.R.**, Srinivasan, S.R, Chen, W., Sultana, A., Berenson, G.S. (2007). Influence of Serum Bilirubin on Pulsatile Arterial Function in Asymptomatic Young Adults: The Bogalusa Heart Study Oral presentation at Southern Regional Meeting, New Orleans, LA.
 28. **Bhuiyan, A.R.**, Srinivasan, S.R., Chen, W., Paul, T.K., Berenson, G.S. (2006). Correlates of structure and function measures of the vasculature in asymptomatic younger adults: The Bogalusa Heart Study Oral presentation at Southern Regional Meeting, Atlanta, March 3-5, GA.
 29. **Bhuiyan, A.R.**, Li, S., Li, H., Chen, W., Srinivasan, S.R., Berenson, G.S. (2005). Distribution and Correlates Arterial Compliance in Asymptomatic Young Adults: The Bogalusa Heart Study Poster presented at Southern Regional Meeting, New Orleans, Feb 12-14, LA.
 30. Paul, T., Srinivasan, S.R., Chen W., **Bhuiyan, A.R.**, Bond, M.G., Tang, R., Berenson, G.S. (2005). Cardiovascular risk profile of asymptomatic healthy young adults with increased femoral artery intima-media thickness: The Bogalusa Heart Study. Poster presented at Southern Regional Meeting, New Orleans.
 31. **Bhuiyan, A.R.**, Srinivasan, S.R., Chen, W., Paul, T.K., Berenson, G.S. (2005). Predictors of Measures of Arterial Structure and Function in Asymptomatic Young Adults: The Bogalusa Heart Study Poster Presentation at Seventeen Annual Tulane Health Sciences Research Days.
 32. **Bhuiyan, A.R.**, Li S., Li H., Chen, W., Srinivasan, S.R., Berenson, G.S. (2004). Distribution and Correlates of Arterial Compliance in Asymptomatic Young Adults: The Bogalusa Heart Study. Presentation at Sixteenth Annual Tulane Health Sciences Research Days.
 33. **Bhuiyan, A.R.**, Gustat, J., Srinivasan, S.R., Berenson, G.S. (2002). Race Differences in Body Image Perception: The Bogalusa Heart Study. Poster presented at Fourteenth Annual Tulane Health Sciences Research Days.

6. TEACHING EXPERIENCE

Year/Semester/Credit Hours	Courses
2020/Fall/9 Credit	PHS 522- Multivariate and probabilistic biostatistics PHS 525- Epidemiology of minority and special population PHS 798 – Dissertation (Chairs of 8 students)
2020/Summer/ 3 Credit	PHS 798-Dissertation GTEC 800-01- Epidemiology I (online)* GTEC 801 – 01-Epidemiology II (online)
2020/Spring/9 Credit	PHS 522- Multivariate and probabilistic biostatistics PHS 525- Epidemiology of minority and special population PHS 798 – Dissertation (Chairs of 8 students)
2019/Fall/9 Credit	HCA 380- Statistics for Health Services PHS 522- Multivariate and probabilistic biostatistics PHS-525- Epidemiology of minority and special population PHS 798 – Dissertation (Chairs of 6 students)

2019/Summer	PHS 798-Dissertation GTEC 800-01- Epidemiology I (online) GTEC 801 – 01-Epidemiology II (online)
2019/Spring/6 Credit	PHS 522- Multivariate and probabilistic biostatistics PHS 798 – Dissertation (Chairs of 6 students)
2018/Fall/6 Credit	PHS 522- Multivariate and probabilistic biostatistics PHS 798 – Dissertation (Chairs of 8 students)
2018/Summer	GTEC -Cardiovascular disease epidemiology
2018/Spring/6 Credit	PHS 522- Multivariate and probabilistic biostatistics PHS 798 – Dissertation (Chairs of 8 students)
2017/Fall/6 Credit**	PHS 522- Multivariate and probabilistic biostatistics PHS 798 - Dissertation (Chairs of 8 students)
2017/Summer	PHS 798 - Dissertation (Chairs of 6 students) GTEC-Cardiovascular disease epidemiology
2017/Spring/3 Credit**	PHS 798 - Dissertation (Chairs of 5 students)
2016/Fall/6 Credit**	PHS 798 - Dissertation (Chairs of 5 students) PHS 522- Multivariate and probabilistic biostatistics
2016/Summer	GTEC- Cardiovascular Disease Epidemiology
2016/Spring**	PHS 798 - Dissertation (Chair of 5 students)
2015/Fall/9 Credit	PHS 522- Multivariate and probabilistic biostatistics PHS 523- Chronic and infectious disease epidemiology PHS 798-Dissertation (Chair of 5 students))
2015/Summer	GTEC- Cardiovascular Disease Epidemiology
2015/Spring/9 Credit	PHS 524- Statistical Methods for Applied Epidemiology PHS 525- Epidemiology of minority and special population PHEP 712-Clinical trial and intervention study PHS 798 - Dissertation (Chair of 5 students)
2014/Fall/9 Credit	PHS 522- Multivariate and probabilistic biostatistics PHS 523- Chronic and infectious disease epidemiology PHS 798-Dissertation
2014/Spring/9 credit	PHS 507 -Applied research method PHS 525- Epidemiology of minority and special population PHS 756-Special topics
2013/Fall/8 Credit	PHS 522- Multivariate and probabilistic biostatistics PHS 523- Chronic and infectious disease epidemiology PHS 711- Advanced biostatistics Lab I PHS 713- Advanced biostatistics Lab III
2013/Spring/& Credit	PHS 522- Multivariate and probabilistic biostatistics PHS 525- Epidemiology of minority and special population PHS 572-Statistical Computer Application
2012/Fall/9 Credit	PHS 522- Multivariate and probabilistic biostatistics PHS 523- Chronic and infectious disease epidemiology PHS 711- Advanced biostatistics Lab I PHS 712- Advanced biostatistics Lab II PHS 713- Advanced biostatistics Lab III
2012/Summer	PHS 507 -Applied research method

2012/Spring/9 Credit	PHS 522- Multivariate and probabilistic biostatistics PHS 525- Epidemiology of minority and special population PHS 703-Designing research study on minority and special population
2011/Fall/9 Credit	PHS 522- Multivariate and probabilistic biostatistics PHS 525- Epidemiology of minority and special population PHS 711- Advanced biostatistics Lab I PHS 712- Advanced biostatistics Lab II PHS 713- Advanced biostatistics Lab III
2011/Spring/ 9Credit	PHS-506-Research and Quantitative Methods PHS-507-Applied research method PHS 703-Designing research study on minority and special population
2010/Fall/ 9 Credit	PHS-503-01-Biostatistics and computer application PHS-503-02- Biostatistics and computer application PHS-505- Principles of epidemiology PHS-507-Applied research method
2010/Summer/3 Credit	PHS-506-Research and Quantitative Methods PHS-525- Epidemiology of minority and special population PHS-587-Special topics in public health
2010/Spring/9 Credit	PHS-506-Research and Quantitative Methods PHS-522- Multivariate and probabilistic biostatistics
2009/Fall/ 6 Credit	PHS-506-Research and Quantitative Methods PHS-522- Multivariate and probabilistic biostatistics
2009/Spring/ 6 Credit	PHS-506-Research and Quantitative Methods PHS-525- Epidemiology of minority and special population
2008/Fall/6 Credit	PHS-506-Research and Quantitative Methods; PHS-528-Genetic Epidemiology

*Jackson Heart Study Graduate Training and Education Center (GTEC) for Jackson Heart Study Scholar
Funded by NIH; **Release time applied for funded research project

Mentored doctoral students to successful dissertation defenses

Chair of the Dissertation Committee

1. Omer Osman. Knowledge and Socioeconomic Status Toward Rising Tuberculosis Cases among African Americans in Hinds County, Mississippi. Anticipated in fall, 2021
2. Adetoun Asala examine trends of HIV infection and AIDS diagnosis by risk factors, gender, race/ethnicity, age, marital status, and district/region/county using MS HIV Surveillance data. Anticipated in fall 2021
3. Rashida Ali. Association between socioeconomic status and obesity in Mississippi. Data from BRFSS, 2009, Proposal phase, 2021.
4. Shamim Khandekar: Leptin Resistance and Metabolic in the Jackson Heart Study. Proposal phase since 2018
5. Melania Daniel. Correlation between Contraceptive Use and Uterine Fibroids. Anticipated in fall 2021
6. Sudharshanam Karakala. Association between Acculturation and Health outcomes among Hispanics Communities in the tri-state areas (Alabama, Mississippi, and Louisiana, expected to graduate in spring 2020
7. Elizabeth Okojie. Adverse Birth Outcomes: Association of Paternal Involvement in Infant Mortality in a Non-Hispanic Black-White Mississippi Cohort. Dissertation Phase, Expected to graduate in fall 2020.
8. Obinna N. Ivoke. A prospective study of the association between dispositional optimism and measures of obesity among African-Americans: The Jackson Heart Study. Graduated in fall 2019
9. Mary R Nittala. Outcomes Following treatment for Head and Neck Cancer. Graduated in summer 2019
10. Meagan Robinson. Examining Racial Disparities in Low Birthweight and Preterm Birth by Maternal Neighborhood Factors: An Analysis of Mississippi Pregnancy Risk Assessment Monitoring System

(PRAMS), 2009-2011, Spring 2019

11. Ellen Agho. Association between Adverse Early Life Experiences and Hypertension among African American Adults in Jackson Metropolitan area of Mississippi: The Jackson Heart Study, Graduated in fall 2018
12. Prince Andrew. Study of Knowledge, attitudes, and behavior of JSU undergraduate students towards HIV/AIDS in Jackson, Mississippi. Graduated in fall 2018
13. Edith Ezekwe. Prevalence and determinants of hypertension among African-American adults in southwest Mississippi. Graduated in fall 2017
14. Mina Qobadi. Prevalence, Predictors, and Trends in Infant Care Practices among Mississippi Mothers, 2003-2012. Graduated in fall 2017
15. Mujuni Maliyamkono. Examining the side effects of antihypertensive therapy on lung function: Finds from the Jackson Heart Study. Graduated in fall 2015.
16. Dayakar Philip Nittala. The Associations of Socio-Economic Factors and Insurance Status on Cardiovascular Disease Risk Factors and Glycated Hemoglobin in Jackson Heart Study Participants. Proposal phase since 2018
17. Wendy Thomson, Department of Epidemiology and Biostatistics, Jackson State University. Dissertation: An investigation of complementary alternative methods in conjunction with pharmacologic methods for pain control associated with sickle cell disease patients, Graduated in fall 2011

Member of Dissertation Committees

1. Shahzad Aseel. Knowledge, Belief, and Behaviors towards Breast Cancer Screening among the Women in Southern Iran, Dissertation, Fall 2020
2. Dora Adriana Moreno, Cultural and Linguistic Competence Assessment in the Mississippi State Department of Health, spring 2019
3. Yalanda Burner. Association of diet, physical activity and academic success at historically black Colleges and Universities. Graduated in 2018
4. Ms. *Kenyatta Parker*. Examining the Sexual Health Knowledge, Attitudes, and Sexual Behaviors of College Students at a Historically Black College/University (HBCU) in Mississippi. *Graduate in Spring 2017*
5. Tabeth Jiri. Assessing the role of renal function in predicting cardiovascular events in Non-Diabetic and Pre-diabetic African Americans: The Jackson Heart Study. Graduated in 2017
6. Amy Radican-Wald. Epidemiology of Unintentional Injury and relationship to the Trauma Care in Mississippi. Graduated in 2016
7. Ram Lakhan. Is alcohol consumption related to the metabolic syndrome in African -American? Jackson Heart Study. Graduated in Spring 2016
8. Ms. Brieah D. Hudson. Using the Theory of Planned Behavior to Predict Initiation and Duration of Breastfeeding of WIC Mothers in Mississippi. Graduated in spring 2016
9. Nikki G. Johnson. Evaluating Employee Participation in a Workplace Healthy Snack Program at a Mississippi State Agency: A Pilot Study. Graduation in Fall 2015
10. Jason Brown. The Social Determinants of Health on Pregnancy Outcome of Women who have Delivered Live Births in Mississippi. Dissertation completed in Fall 2020
11. Josephine Obamwonyi. Flu vaccine usage in elderly asthmatics. dissertation phase, Spring 2016
12. Neiktra Burse. Assessing African American Parents'/Caregivers' Knowledge, Attitudes, and Beliefs of Childhood Overweight and Obesity. Graduated in 2015
13. Alyce L. Stewart. Exploring Weight-related Perceptions among African American Women in Mississippi: A Pilot Study. Anticipated Graduation in Fall 2015
14. Amanda K. Brown. A Qualitative Pilot Study of African American Older Adults' Underutilization of Influenza Vaccination. Graduation in Fall 2015
15. Melinda G. Todd. Support groups of Populations of Children with Autism. The Roles of Ethnic Minority Parents-A Pilot. Graduated in fall 2015
16. Spencer Leon Willis, Jr. Dept. Behavioral and Environmental Health. Ecological Determinants of Adequate Beverage Frequency among African-American Young Adults: Graduated in 2014

17. Pamela D. McCoy. Dept. of Behavioral and Environmental Health. A Pilot Study of Text Messaging to Promote Healthy Eating and Physical Activity in a Faith Community Weight Loss Program, Graduated in fall 2015
18. Luma Akil. Department of Department of Civil and Environmental Engineering, Jackson State University. Effects of environmental changes and agriculture practices on foodborne illness and associated risk assessment, Graduated in 2014.

7. PROFESSIONAL SERVICE ---

Chaired/Served in the Departmental Committee

- Dept. Search committee spring 2019
- Dept. Scholar committee 2017-2018
- DrPH Graduate Area Comprehensive Examination, 2015-2016 to present
- Chair of Faculty Search Committee, Biostatistics, 2017-2018
- Member of Faculty Search Committee for Epi. Dept., 2017-2018
- Tenure and Promotion Committee for a faculty of Epidemiology and Biostatistics Dept., 2017-2018
- Chair for Dept. Chair Search Committee, Epidemiology, and Biostatistics, 2016-2017
- Member of Faculty Search Committee for Epi. Dept., 2016-2017
- Co-chair of Faculty Search, 2015-2016
- Member of Chair Search 2015-2016

Chaired/Served in the School of Public Health Committee

- Member the council on education for Public Health (CEPH) accreditation criteria, 2019-2020
- Member the council on education for Public Health (CEPH) accreditation criteria 3.1: Research, 2017-2018, and 2018-2019
- Member of Curriculum Committee-2018-2019
- Member of the curriculum committee, 2017-2018
- Faculty Marshal for commencement, spring 2018
- Member of Faculty Search Committee for the Communicative disorder. Dept., 2017-2018
- Member for DrPH core comprehensive exam grader, 2014- 2015,2015-2016 and 2016-2017
- Tenure and Promotion Committee for a faculty of Communicative Disorder Dept., 2017-2018
- Co-chair of reaccreditation committee on criterion 3.1c for School of Public Health Initiative, 2016-2017
- Member of MPH/DrPH admission committee, 2016-2017
- Co-chair of the curriculum committee, 2016-2017
- Member of reaccreditation committee - The Council on Education for Public Health, 2016-2017
- Member of Chair Search Committee for the Dept. of Behavioral and Environmental Health- the academic year 2016-2017
- Faculty Marshal for commencement, Spring 2016
- Co-chair of reaccreditation committee on criterion 3.1c for School of Public Health Initiative – the academic year 2015-2016
- Co-chair of Curriculum Committee, 2015-2016
- Member of reaccreditation committee - the council on education for Public Health (CEPH) since 2011
- Co-chair of the curriculum committee, the academic year 2015-2016
- 3rd Year Reviewer of Tenure and Promotion Committee for a faculty of Communicative Disorder Dept, Fall 2015
- Member of reaccreditation committee - The Council on Education for Public Health, 2015-2016

- Member for Chair Search Committee for the academic year 2015-2016
- Member of MPH admission committee- the academic year 2015-2016
- Member for DrPH comprehensive exam grader academic year 2015-2016
- Co-chair of Dr. Lee's 3rd-year review for tenure and promotion, 2014-2015
- Member of Public Health Curriculum Committee, 2014-2015
- Member- Faculty Search Committee, 2014 – 2015
- Member-MPH admission committee, 2010-2015
- Gwendolyn Spencer Prater Endowed Scholarship Committee, 2014-2015

Chaired/Served in School of Health Sciences/ College of Public Service Committee

- Chair of Curriculum Committee, 2013-2014
- Gwendolyn Spencer Prater Endowed Scholarship Committee, 2013-2014
- Member of Curriculum Committee, 2012-2013
- Member- College of Public Service Dean Search, 2011-2012
- Member- Faculty Search Committee, Health Policy and Management, Fall - 2012
- Member- Faculty Search Committee, Behavioral and Environmental Health, 2011-2012
- Member- Faculty Search Committee, Policy and Planning, 2010-2011
- Member-Public Health Internship Committee, 2008-2009
- Member-Workforce Development Committee, 2008-2009

Served in University Committee

- Member to serve for compiling and submitting a Compliance Certification with the Principles of Accreditation Standard 13: Financial and Physical Resources for Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) reaffirmation of accreditation in 2021, 2018-2020
- Serves on University Tenure and Promotion Committee-Academic Year 2020-2021
- Serves on University Tenure and Promotion Committee-Academic Year 2018-2019
- Elected to serve on the University's Tenure and Promotion Committee for 2016-2017
- Elected to serve on the University Grievance Committee, 2015-2016
- Member- University Grievance Committee, 2014-2015
- Elected to serve on the University's Tenure and Promotion Appeal Committee, 2013-2014
- Member- University Grievance Committee, 2013-2014
- Member- University Duplicate Course Committee, 2010-2011

Served as an External Evaluator for Tenure and Promotion Committee

1. Served as an external evaluator of Dr. Iftekhar Amin, tenure-track Assistant Professor and Program Coordinator of Counseling in the School of Human Services at the University of North Texas at Dallas for Tenure and Promotion. November 2016
2. Served as an external evaluator of Dr. Mohammed El Faramawi, Associate Professor of Epidemiology, Fay W. Boozman College of Public Service at the University of Arkansas for Medical Sciences. Fall 2017

Community Service

1. Advocate for Public Health Action: Writing letters to Senator Roger Wicker, Thad Cochran
2. Attended Research Symposium and Walked in National Public Health Week, April 4-10, 2016

8. RECEIVED AWARDS

- Health Disparities Research Education Program, University of Alabama Minority Health and Health Disparities Research Center, Supported by NIMHD: 2U54MD000502
- Selected for the 2019 AACAP Beatrix A. Hamburg, MD Award for Best new Research Poster
- Certificate of appreciation for exemplary services as a dissertation service, 2017
- Certificate of appreciation for exemplary services as a dissertation service, 2016
- Certificate of appreciation for exemplary services as a dissertation service, 2015
- Certificate of completion, online student success orientation, 2018
- Outstanding abstract presentation (3rd place), 14th Annual Conference on Eliminating Health Disparities, Jackson, MS, 2014
- *Group External Funding Award*, 2012-2013.School of Health Sciences, College of Public Service, Jackson State University
- *Researcher of the Year Award*, 2010-2011
College of Public Health Service, Jackson State University
- *Trainee Research Award*
American Federation for Medical Research, February 2007
- *Trainee Research Award*
American Federation for Medical Research, March 2006
- *Trainee Research Award*
American Federation for Medical Research, February 2005
- *Research Award*
Fourteenth Annual Tulane Health Sciences Research Days: 2002
- *Competitive academic government scholarships*
Granted in High School, College, and Medical School, Bangladesh

9. ADDITIONAL TRAINING ---

- CANVAS Faculty Online Teaching, September 13, 2019
- Analysis of National Health Survey Data offered by the Dept. of Epidemiology and Biostatistics in Summer 2018, University of Maryland
- Microsoft Office, Database management, SAS and SPSS
- Blackboard Faculty Online Teaching
- Reviewer of CDC grant and manuscript of various journals
- Epidemiology Seminar Series, Tulane University, 2002
- Sexually Transmitted Diseases (STDs), Dhaka, Bangladesh, 1998
- Cardio Pulmonary Resuscitation (CPR), Dhaka, Bangladesh, 1998

10. AFFILIATIONS ---

- Member of the American Public Health Association (APHA), 2008 –to present
- Member, Mississippi Public Health Association (MPHA), 2009-to present
- Member of Bangladesh Medical & Dental Council (BMDC), 1996 to present
- Full Member of Sigma XI, The Scientific Research Society, 2008-2012
- Member of the American Public Health Association (APHA), 1998 - 2000
- Treasurer of Leo Club, Dhaka, Bangladesh, 1992 – 1994

11. DOCTORAL DISSERTATION ---

Dissertation title: Arterial structure and function in relation to blood pressure related candidate genes in asymptomatic young adults. The Bogalusa Heart Study

Defended in May 2007. Published 3 papers with my dissertation in peer reviewed journals

12. COURSEWORK COMPLETED

MPH and PhD- Courses	
Epidemiology (23 Credits)	Biostatistics (20 Credits)
Epidemiologic Method I (3) Epidemiologic Method II (3) Advanced Epidemiology (3) Field Epidemiology (3) Cardiovascular Disease Epidemiology (3) Epidemiology of Protein Energy Malnutrition (3) Survey Methodology (2) Monitoring and Evaluation in Health-Related System (3)	Introductory Biostatistics (3) Intermediate Biostatistics (3) Regression Analysis (3) Categorical Data Analysis (3) Advanced Evaluation Research (3) Computer Package SPSS (1) SAS (1) Data Base Management (3)
Other Public Health Courses (17 Credits)	
Health Behavior and Risk Reduction (2) Survey of Environmental Health (2) Introduction to International Health (2) Public Nutrition Assessment and Advanced Analysis (3)	Health and Economic Development (3) Principle Health System and Management (2) Evaluation of Food Aid and Nutrition (3)
Medical Degree MD/MBBS	
Anatomy Physiology Biochemistry Pathology Microbiology Pharmacology Community Medicine Internal Medicine	Obstetrics/ Gynecology Ophthalmology Pediatrics Psychiatry Otorhinolaryngology General Surgery/ Orthopedics