

Haresh Rochani

Jiann-Ping Hsu College of Public Health (JPHCOPH)
Georgia Southern University
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Education

DEGREE	Graduate Certificate in Clinical Trials Design and Management	
PERIOD	August 2021 — July 2023	
UNIVERSITY	University of Georgia	Athens, Georgia
DEGREE	Doctor of Public Health with Biostatistics (DrPH)	
PERIOD	August 2010 — May 2014	
UNIVERSITY	Georgia Southern University	Statesboro, Georgia
DEGREE	Master of Public Health (MPH)	
PERIOD	January 2008 — July 2010	
UNIVERSITY	Georgia Southern University	Statesboro, Georgia
DEGREE	Bachelor of Medicine & Surgery (MBBS)	
PERIOD	September 2002 — March 2007	
UNIVERSITY	Maharaja Sayajirao University	Gujarat, India

Professional Experience

POSITION	Associate Professor of Biostatistics	
PERIOD	August 2019 — Current	
EMPLOYER	Jiann-Ping Hsu College of Public Health	Statesboro, Georgia
POSITION	Chair, Applied Public Health Statistics Section	
PERIOD	November 2020 — November 2023	
EMPLOYER	American Public Health Association	Washington, D.C.
POSITION	Director of Karl Peace Center for Biostatistics & Survey Research	
PERIOD	June 2016 — June 2022	
EMPLOYER	Jiann-Ping Hsu College of Public Health	Statesboro, Georgia
POSITION	Assistant Professor of Biostatistics	
PERIOD	August 2014 — July 2019	
EMPLOYER	Jiann-Ping Hsu College of Public Health	Statesboro, Georgia
POSITION	Teaching Assistant	
PERIOD	August 2012 — May 2014	
EMPLOYER	Jiann-Ping Hsu College of Public Health	Statesboro, Georgia

Licensures/Certifications

ECFMG Certified
Independent Applying the QM Rubric (APPQMR) Certificate
Peer Review Course Certificate (PRC) by Quality Matters
Registered as Medical Doctor with Gujarat Medical Council

Technical Skills

HPC cluster computing, SAS, R, Tableau, SPSS, G*Power, LaTeX

Award

Award for excellence in Scholarship at Jiann Ping Hsu College of Public Health, 2018

Internship Experience

POSITION	Data Analyst
PERIOD	January 2010 — May 2010
EMPLOYER	Magnolia Coastland Area Health Education Center Statesboro, Georgia
POSITION	Intern Doctor
PERIOD	April 2006 — March 2007
EMPLOYER	S.S.G. Hospital & Jamnabai Hospital Gujarat, India

Accepted Articles

1. Ayoku, S., **Rochani, H.**, Samawi, H. & Yin, J. Mediation Analysis in Categorical Variables under Non-ignorable missing data mechanisms. *Journal of Statistical Theory and Practice*
2. Lanham, S., Nagel, T., Melton, B., & **Rochani, H.** (2023) Strengthening First Responders' Coaching Proficiency Through a Peer-Fitness Leader Workshop. *International Journal of Exercise Science*
3. Cribb, C. F., Keko, M., Creveling, S., **Rochani, H.**, Modlesky, C. M., & Colquitt, G. (2023). Mental health, physical activity, and sports among children with cerebral palsy. *Child: Care, Health and Development*.
4. Samawi, H., Kersey, J., Yin, J., Mo, C. & **Rochani, H.** New Post-test diagnostic accuracy measures of a continuous test based on the average predictive values *Statistics in Biopharmaceutical Research*

Peer-reviewed Articles

1. Hendrix, S., & **Rochani, H.** (2023). Nurse knowledge and confidence in the care of mechanically ventilated patients in the emergency department. *Human Factors in Healthcare*, 4, 100052.
2. Melton, B., Ryan, G., Zuege, V., **Rochani, H.**, Anglin, D., & Dulla, J. (2023). Evolution of Physical Training in Police Academies: Comparing Fitness Variables. In *Healthcare* (Vol. 11, No. 2, p. 261). MDPI.
3. Kersey, J., Samawi, H., Yin, J., **Rochani, H.**, & Zhang, X. (2023). On diagnostic accuracy measure with cut-points criterion for ordinal disease classification based on concordance and discordance. *Journal of Applied Statistics*, 50(8), 1772-1789.
4. Eftekharian, A., Samawi, H., & **Rochani, H.** (2023). On Kernel-Based Estimator of Odds Ratio Using Different Stratified Sampling Schemes. *Statistics, Optimization & Information Computing*, 11(2), 368-389.
5. Gohil, K., Samawi, H., **Rochani, H.**, & Yu, L. (2023). Model parameters estimation with non-ignorable missing data using influential exponential tilting resampling approach. *Journal of Statistical Computation and Simulation*, 93(1), 163-174.
6. Gato, W. E., Wu, J., Appiah, I., Smith, O., & **Rochani, H.** (2022). Hepatic proteomic assessment of oral ingestion of titanium dioxide nano fiber (TDNF) in Sprague Dawley rats. *Journal of Environmental Science and Health, Part A*, 57(13-14), 1116-1123.

7. **Rochani, H.**, Samawi, H., & Zhang, X. (2022). Quantiles naïve, ratio and difference estimators for efficient stratified sampling designs. *Journal of the Korean Statistical Society*, 51(542-567)
8. Johnson, K. K., Bennett, C., & **Rochani, H.** (2022). Significant improvement of somatic symptom disorder with brief psychoeducational intervention by PMHNP in primary care. *Journal of the American Psychiatric Nurses Association*, 28(2), 171-180.
9. Keko, M., Tome, J., Mase, W. A., & **Rochani, H.** (2022). Association Between Equipment Maintenance Violations in Food Service Establishments and Their Risk Level According to the Ohio Administrative Code in Cincinnati, Ohio. *Journal of Environmental Health*, 84(9).
10. Samawi, H., Yin, J., **Rochani, H.**, Mo, C., & Kersey, J. (2022). Post-Test Diagnostic Accuracy Measures of a Continuous Test With a Disease of Ordinal Multistages. *Statistics in Biopharmaceutical Research*, 14(4), 552-558.
11. Hansen, A. R., McLendon, S. F., & **Rochani, H.** (2022). Care coordination for rural residents with chronic disease: Predictors of improved outcomes. *Public Health Nursing*, 39(4), 760-769.
12. Ferez-Pinzon, A., Corey, S. L., **Rochani, H.**, Rehl, E. A., & Burak Jr, W. E. (2022). A Prospective Double-Blinded Randomized Controlled Trial Comparing the Intraoperative Injection of Technetium Tc 99m Tilmanocept with Technetium Tc 99m Sulfur Colloid in Breast Cancer Lymphatic Mapping. *Breast Journal*.
13. Samawi, H., **Rochani, H.**, & Gohil, K. (2022). Mean functional estimation with non-ignorable missing data using influential exponential tilting resampling approach. *Journal of Statistical Computation and Simulation*, 92(11), 2332-2349.
14. Ofori, S., Choongo, J., Kekop, M., Shah, G. H., **Rochani, H.**, & Telfair, J. (2021). Social Media Usage and Transitioning into Online Classes During COVID-19-A Survey of Undergraduate Students in Georgia, United States. *International Journal of Education and Development using Information and Communication*, 17(4), 67.
15. Greenspon, L. W., Reber, R. D., Desai, R. Y., Plush, T. J., Hegewald, M., Villas, P. A., ... & **Rochani, H.** (2021). High Intermediate Risk Pulmonary Embolism-The Use of Very Low Dose Catheter-Directed Ultrasound-Accelerated Thrombolysis. *Biomedical Journal of Scientific & Technical Research* 38(1), 29999-30005.
16. **Rochani, H.** , Modlesky, C. M., Li, L., Weissman, B., Vova, J., & Colquitt, G. (2021). Association of chronic pain with participation in motor skill activities in children with cerebral palsy. *JAMA network open*, 4(7), e2115970-e2115970.
17. Kiely, K., Mase, W., Melton, B., & **Rochani, H.**(2021) Campus Recreation Center and Fitness Program Utilization During COVID-19. *Journal of the Georgia Public Health Association*,8(2).
18. **Rochani, H.** & Keko, M. (2021) Strategies to handle missing data in Meta-analysis. *Book Chapter: Statistical Meta-Analysis using R and Stata*
19. Shah, G. H., **Rochani, H.** , Telfair, J., Ayangunna, E., & Skuraton, G. (2021). College students' experiences of race-related bias or hatred in their lifetimes and COVID-19 era. *Journal of Public Health Management and Practice*, 27(3), 258-267.
20. Richmond, H. L., Tome, J., **Rochani, H.**, Fung, I. C. H., Shah, G. H., & Schwind, J. S. (2020). The use of penalized regression analysis to identify county-level demographic and socioeconomic variables predictive of increased COVID-19 cumulative case rates in the state of Georgia. *International Journal of Environmental Research and Public Health*, 17(21), 8036.

21. Samawi, H. M., Zhang, X., & **Rochani, H.** (2020). Further Improving the Performance of Logistic Regression Analysis Using Double Extreme Ranking. *Journal of Statistical Theory and Practice*, 14, 1-16.
22. Aslan, A., **Rochani, H.**, Oyibo, O., Dotherow, J. E., Anderson, K. W., Beslin, C., ... & Afriyie-Gyawu, E. (2020). Sources of microbiological contamination in sachet water from Ghana. *Journal of Water, Sanitation and Hygiene for Development*, 10(2), 202-208.
23. Samawi, H. M., Yin, J., Zhang, X., Yu, L., **Rochani, H.**, Vogel, R., & Mo, C. (2020). Kullback-Leibler divergence for medical diagnostics accuracy and cut-point selection criterion: How it is related to the Youden index. *Journal of Applied Bioinformatics & Computational Biology*, 9(2), 1-10.
24. Samawi, H. M., Yu, L., **Rochani, H.**, & Vogel, R. (2020). Reducing sample size needed for cox-proportional hazards model analysis using more efficient sampling method. *Communications in Statistics-Theory and Methods*, 49(6), 1281-1298.
25. Helu, A., Samawi, H., **Rochani, H.**, Yin, J., & Vogel, R. (2020). Kernel density estimation based on progressive type-II censoring. *Journal of the Korean Statistical Society*, 49, 475-498.
26. Alston, M., Bennett, C. F., & **Rochani, H.** (2019). Treatment adherence in youth with first-episode psychosis: Impact of family support and telehealth delivery. *Issues in mental health nursing*, 40(11), 951-956.
27. Samawi, H., Helu, A., & **Rochani, H.** (2019). Further Increasing Fisher's Information for Parameters of Association in Accelerated Failure Time Models via Double Extreme Ranks. *Pakistan Journal of Statistics and Operation Research*, 679-700.
28. Sullivan, K., **Rochani, H.**, Huang, L. T., Donley, D. K., & Zhang, J. (2019). Adverse childhood experiences affect sleep duration for up to 50 years later. *Sleep*, 42(7), zsz087.
29. Bennett, C., Hamilton, E. K., & **Rochani, H.** (2019). Exploring Race in Nursing: Teaching Nursing Students about Racial Inequality Using the Historical Lens. *Online Journal of Issues in Nursing*, 24(2).
30. Klibert, J., **Rochani, H.**, Samawi, H., Leleux-LaBarge, K., & Ryan, R. (2019). The impact of an integrated gratitude intervention on positive affect and coping resources. *International Journal of Applied Positive Psychology*, 3, 23-41.
31. Samawi, H., **Rochani, H.**, Yin, J., & Vogel, R. (2019). On Kernel-Based Mode Estimation Using Different Stratified Sampling Designs. *Journal of Statistical Theory and Practice*, 13, 1-23.
32. Sevilimedu, V., Yu, L., Samawi, H., & **Rochani, H.** (2019). Application of the misclassification simulation extrapolation procedure to log-logistic accelerated failure time models in survival analysis. *Journal of Statistical Theory and Practice*, 13, 1-16.
33. Samawi, H., Chatterjee, A., Yin, J., & **Rochani, H.** (2019). On quantiles estimation based on different stratified sampling with optimal allocation. *Communications in Statistics-Theory and Methods*, 48(6), 1529-1544.
34. Peace, K. E., Yin, J., Rochani, H., Pandeya, S., & Young, S. (2018). A serious flaw in nutrition epidemiology: a meta-analysis study. *The International Journal of Biostatistics*, 14(2).
35. Samawi, H. M., Helu, A., **Rochani, H.**, Yin, J., Yu, L., & Vogel, R. (2018). Reducing sample size needed for accelerated failure time model using more efficient sampling methods. *Journal of Statistical Theory and Practice*, 12, 530-541.

36. **Rochani, H.**, Linder, D. F., Samawi, H., & Panchal, V. (2018). On inference of multivariate means under ranked set sampling. *Communications for Statistical Applications and Methods*, 25(1), 1-13.
37. Samawi, H., **Rochani, H.**, Yin, J., Linder, D., & Vogel, R. (2018). Notes on kernel density based mode estimation using more efficient sampling designs. *Computational Statistics*, 33, 1071-1090.
38. Yin, J., Samawi, H. M., & **Rochani, H.** (2018). Response to Comments by Pablo Martínez-Cambor on “Notes on Overlap Measure as an Alternative to Youden Index: How Are They Related?”.
39. Samawi, H., Cai, J., Linder, D. F., **Rochani, H.**, & Yin, J. (2018). A simpler approach for mediation analysis for dichotomous mediators in logistic regression. *Journal of Statistical Computation and Simulation*, 88(6), 1211-1227.
40. Chang, P., **Rochani, H.**, Mase, W. A., Jones, J. A., & Aslan, A. (2018). Analysis of food service operation risk classification and associated food safety violation frequency. *Journal of Environmental Health*, 80(6), 14-19.
41. Linder, D. F., Yin, J., **Rochani, H.**, Samawi, H., & Sethi, S. (2018). Increased Fisher’s information for parameters of association in count regression via extreme ranks. *Communications in Statistics-Theory and Methods*, 47(5), 1181-1203.
42. Samawi, H., Chatterjee, A., Yin, J., & **Rochani, H.** (2017). On kernel density estimation based on different stratified sampling with optimal allocation. *Communications in Statistics-Theory and Methods*, 46(22), 10973-10990.
43. **Rochani, H.**, & Linder, D. F. (2017). Markov Chain Monte-Carlo Methods for Missing Data Under Ignorability Assumptions. In Monte-Carlo Simulation-Based Statistical Modeling (pp. 129-142). Springer, Singapore.
44. Jabrah, R., Samawi, H., Vogel, R., **Rochani, H.**, & Linder, D. (2017). Using ranked auxiliary covariate as a more efficient sampling design for ANCOVA model: analysis of a psychological intervention to buttress resilience. *Communications for Statistical Applications and Methods*, 24, 241.
45. Samawi, H. M., Yin, J., **Rochani, H.**, & Panchal, V. (2017). Notes on the overlap measure as an alternative to the Youden index: how are they related?. *Statistics in medicine*, 36(26), 4230-4240.
46. Rustin, R. C., Martin, D., Sevilimedu, V., Pandeya, S., **Rochani, H.**, & Kelly, R. (2017). Georgia’s Collaborative Approach to Expanding Mosquito Surveillance in Response to Zika Virus: A Case Study. *US Army Medical Department Journal*.
47. Samawi, H. M., Helu, A., **Rochani, H.**, Yin, J., & Linder, D. (2016). Estimation of $P(X > Y)$ when X and Y are dependent random variables using different bivariate sampling schemes. *Communications for Statistical Applications and Methods*, 23(5), 385.
48. **Rochani, H.**, Vogel, R. L., Samawi, H. M., & Linder, D. F. (2017). Estimates for cell counts and common odds ratio in three-way contingency tables by homogeneous log-linear models with missing data. *AStA Advances in Statistical Analysis*, 101(1), 51-65.
49. Samawi, H. M., **Rochani, H.**, Linder, D., & Chatterjee, A. (2017). More efficient logistic analysis using moving extreme ranked set sampling. *Journal of Applied Statistics*, 44(4), 753-766.
50. Yin, J., Hao, Y., Samawi, H., & **Rochani, H.** (2016). Rank-based kernel estimation of the area under the ROC curve. *Statistical Methodology*, 32, 91-106.

51. Jian, Z., Andrew, H. & **Rochani, H.** (2016, May 4)[Letter to the editor] Proper awareness, but wrong action. What is missing? *Pediatrics*
52. **Rochani, H.**, Samawi, H. M., Vogel, R. L., & Yin, J. (2015). Correction of Verification Bias using Log-Linear Models for a Single Binary scale Diagnostic Tests. *Journal of Biometrics and Biostatistics*, 6(5), 266.
53. **Rochani, H.**, Reagon, V. M., & Davidson, S. (2015). How Long Does that 10-Year Smoke Alarm Really Last? A Survival Analysis of Smoke Alarms Installed through the SAIFE Program in Rural Georgia. *Public Health Research*, 5(6), 177.

Submitted

1. Gavin et all., & **Rochani, H.** (2023). Healthcare Transitions for Children with Cerebral Palsy – Disparities and Gaps.*Pediatrics*
2. Chopak-Foss, F., Carithers,J., **Rochani, H.**, Peden ,J., Alford, A. & Keko,K. (2023). Evaluation of a Reproductive Health and Relationships curriculum on changes in knowledge and attitudes in rural Tanzania.*Global Health: Science and Practice journal*
3. Keagan, K., Roy,V., Ogwara,C., Kaur, A., Twun,F., Woo Baidal, J., & **Rochani, H.** (2023). Genie backing in the bottle: an encouraging change of alanine aminotransferase level among US youths aged 12-19 years, NHANES 1988 – 2020.*Gastroenterology*
4. Samawi, H., & **Rochani, H.** (2023). Efficient sampling strategies for assessing the prognostic value of a new biomarker at a temporal endpoint.*Journal of Applied Statistics*
5. Palacios, A., Keko, M., **Rochani, H.**, Nazaruk, D., Aslan, A.,Tome, J., Mayo- Gamble, T., & Ramos, G.(2023). Hens Hatching Hope: A quasi-experimental study assessing the effectiveness of a community-based egg intervention in the nutritional and health status of young children from rural Honduras.*PLOS ONE*
6. Okunromade, O., Keko, M., Yusufi, A., **Rochani, H.**, Shah, G., & Telfair, J. (2023) The Association Between Prolonged Use of Social Media and Overall Stress on College Students. *Adolescents*
7. Kersey, J., Samawi., H. Keko, M., Alsharman, M., **Rochani, H.**, Yu, L., Yin, J., Sullivan, K., & Salaheddin, M. Different View of the Diagnostics Test Accuracy Measures and Optimal Cut-Off Point Selection Procedure Under Tree or Umbrella Ordering. *Statistics in Medicine*.
8. **Rochani, H.**, Yu, L.,Samawi., H. & Keko, M. Sensitivity Analysis for Non-ignorable Data with Misclassification Error. *Journal of Statistical Theory and Practice*
9. Smallwood, S., Odusanya, A., Wells, P., **Rochani, H.** & Wright, V. The Effects of Individual and Structural Religiosity on Internalized Homonegativity and Sexual Risk Behaviors among African American MSM in the Deep South *Journal of Religion and Health*
10. Skuraton, G., **Rochani, H.**, Telfair, J., Shah, G., Bordeaux,J, & Riggins, A. The Influence of Social Isolation and Loneliness on Alcohol, and Cannabis Use among College Students Since Onset of COVID-19. *Journal of American College Health*
11. Mo, C., Samawi, H. , Yin, J. , **Rochani, H.** & Zhang, X. A new diagnostic accuracy and optimal cut-point selection measure for multi-stage diseases via generalized total Kullback-Leibler divergence. *Statistical Methods in Medical Research*
12. Samawi, H., Kersey, J., Yin, J. & **Rochani, H.** New post-test diagnostic accuracy measures of a continuous test based on the average predictive values *Stat*

13. Embrey, K., Taggart, H., Keko, M., & **Rochani, H.** Academic-Education Partnership Promotes Student Engagement in Palliative Care Conversations *Nurse Education Today*
14. Embrey, K., Taggart, H. & **Rochani, H.** Stress and Mindfulness in Nursing Students. *Journal of Professional Nursing*
15. Samawi, H., Yin, J. Zhang, X., Yu, L., **Rochani, H.** & Vogel, R. Notes on the applications of Kullback-Leibler Information as a measure of diagnostic accuracy and its relationship to common ROC indices. *Statistical methods in medical research*

Grants Funded

1. **Co-PI:** *Bolstering Tactical Athlete Research* (May, 2022 - July, 2022) funded by Office of Research at Georgia Southern University \$21,000.
2. **Co-PI:** *A Feasibility Study for Adopting Rapid Molecular Methods to Monitor Enterococci at Georgia Beaches* (October, 2019 - September, 2020) funded by Georgia Department of Natural Resources grant for \$78,298.
3. **Contractor:** *Community-Based Research to improve Prostate cancer patient treatment decisions* (May, 2015 - July, 2015) funded by NIH grant for \$131,330.
4. **Co-PI:** *Driver's Education Study* (May, 2015 - November, 2015) funded by Georgia Governor's Office of Highway Safety for \$54,798.

Grants Submitted

1. **Co-PI:** *POWER- Promoting Officer Wellness and Emotional Resiliency* (2023) submitted to National Institute of Justice (NIJ) for \$980,793.09.
2. **Co-PI:** *S.T.A.N.D. UP for Sickle Cell CBOs* (2023) submitted to National Institutes of Health (NIH) for \$4,807,355.30.

Grants Not Funded

1. **Co-PI:** *Community Health Worker Training Program* (2022) submitted to Department of Health & Human Services for \$2,988,937.
2. **Co-PI:** *Building an Ecological and Culturally Responsive Suicide Prevention Program for the LGBTQIA+ Community* (2022) submitted to Office of Research at Georgia Southern University.
3. **Co-PI:** *Improving Health, Fitness, and Occupational Performance among Rural and Underserved Firefighters: Proof of Concept* (2021) submitted to Federal Emergency Management Agency (FEMA) for \$935,781.85.
4. **Co-PI:** *Project C-CHANGE: A Community-Based Climate Change and Human Adaptation Network for Coastal Georgia Environment* (2021) submitted to National Science Foundation for \$4,010,645.36.
5. **Co-PI:** *Evaluating the Use of Participatory Action Research to Improve Mental and Sexual Health Outcomes for Black Men who Have Sex with Men* (2018) submitted to National Institute of health for \$393,398.
6. **Co-PI:** *Simpler Approach for Multiple Dichotomous Mediators for Logistic Regression Models* (2017) submitted to National Institute of health for \$384,999.98.
7. **Co-PI:** *Opioids and Rheumatoid Arthritis: Patterns of use, delays in treatment, and correlation with governing laws* (2017) submitted to Robert Wood Johnson Foundation for \$ 134,149.31.

8. **Co-PI:** *Hemodynamic Management of pre-term infants* (2017) submitted to National Institute of health for \$338,001.11.
9. **PI:** *Race and Leadership Survey data analysis* (2015) submitted to Building Movement Project for \$25,721.97.

Invited Presentation at Conferences

- **Rochani, H.**, Vogel, R., Samawi, H. & Yin, J. (2016). MLEs for diagnostic measures of accuracy by log-linear models for correction of workup bias. *International Chinese Statistical Association conference*

Conference Presentations

1. Creveling, S., **Rochani, H.**, Vova J., Modlesky, C., & Colquitt, G. (2023). A comparison of health care transition among children with cerebral palsy, developmental disabilities, and typically developing children. *Southeastern Annual Pediatric Research Conference*
2. Keko, M., **Rochani, H.** & Samawi, H. (2023). Multiple Imputation in High-Dimensional Data with Steady State Gibbs Sampler *ENAR 2023 Spring Meeting*.
3. Adewoye, A., Keko, M., Roberson, L., Nazaruk, D., Ramos, G., Manship, L., **Rochani, H.**, Aslan, A. & Palacios, A., (2022). Assessing the Effectiveness of an Egg Intervention in the Nutritional and Food Security Status of Infants and Toddlers from Rural Honduras. *Eagles Talking About the Public's Health*.
4. Keko, M., Creveling, S., **Rochani, H.**, Modlesky, C., & Colquitt, G. (2022). Mental Health Disorders, Receipt of Mental Health Care, and the Relationship to Physical Activity. *2022 American Public Health Association (APHA) Annual Meeting & Expo*
5. Creveling, S., Keko, M., Cribb, C., **Rochani, H.**, & Colquitt, G. (2022) Weight Status, Parental Concern about Weight, and the Relationship to Physical Activity and Sport among Children with Cerebral Palsy. *American Academy for Cerebral Palsy and Developmental Medicine (AACPDM) Annual Meeting*
6. Creveling, S., Hott, R., Keko, M., **Rochani, H.**, Modlesky, C., & Colquitt, G. (2022). Associations among Participation, Activity, and Neighborhood Characteristics among Children with Cerebral Palsy. *2022 American Public Health Association (APHA) Annual Meeting & Expo*
7. Thomas, J., Smallwood, S., Hansen, A., & **Rochani, H.** (2022) Who's the Man? Examining the Relationship Between Black Masculinity, Perceived Social Support, and Sexual Behavior in Black Male College Students. *2022 American Public Health Association (APHA) Annual Meeting & Expo*
8. Creveling, S., Keko, M., **Rochani, H.**, Modlesky, C., & Colquitt, G.(2022) Physical Activity, and Activities of Daily Living among Children with Developmental Disability. *2022 American Public Health Association (APHA) Annual Meeting & Expo*
9. Keko, M., Creveling, S., **Rochani, H.**, Modlesky, C., & Colquitt, G. (2022) Mental Health Physical Activity and Sport Participation among Children with Developmental Disabilities. *2022 American Public Health Association (APHA) Annual Meeting & Expo*
10. Melton, B., Ryan, G., Zuege, V., **Rochani, H.**, Hunt, N. & Nagel, T. (2022) Evolution of 30 years of physical training in law enforcement academies. *NSCA National Conference*
11. Anglin, D., Ryan, G., Nagel, T., Keko, M., **Rochani, H.**, Gallagher, C., & Melton, B. (2022) Impact of Emedded Fitness Progrmming. *Southeastern Georgia Career Firefighters Annual Conference*

12. Larson, B., Hansen, A.R., **Rochani, H.**, & Smallwood, S.W., (2021). Food insecurity among college students at a Historically Black College and University. *2021 American Public Health Association (APHA) Annual Meeting & Expo*
13. Bargeron, S., Connolly, A., Hackman, K., Lane, T., Karnes, J., **Rochani, H.**, Rieman, B., & Davies, G., (2021). Effects of Fatigue on Joint Replication Proprioception of the Shoulder in Physically Active Individuals. *APTA-CSM*
14. Ebel, N., Thayer, L., Taylor, M., DeLoach, B., **Rochani, H.**, Decarreau, R., Karnes, J., Riemann, B., & Davies, G. (2021). Reliability and Validity of Novel Upper Extremity Functional Tests for Return to Non-Overhead Sports. *APTA-CSM*
15. Connolly, A., Bargeron, S., Hackman, K., Lane, T., **Rochani, H.**, Riemann, L., & Davies, G. (2021). The Effects of Fatigue on Selected Upper Extremity Functional Performance Tests. *APTA-CSM*
16. Thayer, L., Ebel, N., Taylor, M., DeLoach, B., **Rochani, H.**, Decarreau, R., Karnes, J., Riemann, B., & Davies, G. (2021). What Criteria Can Return Athletes Back to Overhead Sports Using Novel Upper Extremity Functional Tests? *APTA-CSM*
17. Ferez-Pinzon, A., Corey, S., **Rochani, H.**, Rehl, E., & Burak, W. (2021). A Prospective, Double-Blinded, Randomized Controlled Trial Comparing the Intraoperative Injection of Technetium Tc 99m Tilmanocept With Technetium Tc 99m Sulfur Colloid in Breast Cancer Lymphatic Mapping. *38th Annual Miami Breast Cancer Conference*
18. Colquitt, G., **Rochani, H.**, Modlesky, C., Weissman, B., & Vova, J. (2020). Chronic pain, activities and participation in children with cerebral palsy. *American Academy for Cerebral Palsy and Developmental Medicine (AACPD) Annual Meeting*
19. Tillman, P., Buelow, J., Taggart, H. & **Rochani, H.** (2020). An Interprofessional Approach to Teaching Health Informatics. *AUPHA academic Forum HIMSS20 Virtual*
20. Ugwu, B., Smallwood, S., **Rochani, H.**, & Opoku, S. (2020). Using the theory of reasoned action to analyze African American college students' intentions to participate in biobanking research. *2020 American Public Health Association (APHA) Virtual Annual Meeting & Expo*
21. Taggart, H., Mahan, P., & **Rochani, H.** (2019). Changes in Baccalaureate Nursing Students' Perceptions About Caring for Dying Patients. *Sigma's 30th International Nursing Research Congress*
22. Embrey, K., Taggart, H., & **Rochani, H.** (2019). Stress and Mindfulness in Nursing Students. *Sigma's 30th International Nursing Research Congress*
23. Samawi, H., Yin, J., Zhang, X., Yu, L. **Rochani, H.** & Vogel, R. (2019). On Kullback-Leibler Divergence as a Measure for Medical Diagnostics and Cut-Point Selection Criterion. *Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society*
24. Kersey, J., Samawi, H., Yin, J., **Rochani, H.** & Zhang, X. (2019). A New Measure of Diagnostic Accuracy with Cut-point Selection Criterion for K-stage Diseases Using Concordance and Discordance. *Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society*
25. Gohil, K., Samawi, H., **Rochani, H.** & Yu, L. (2019). Parameter Estimation using Influential Exponential Tilting in Case of Data Missing at Random and Non-Ignorable Missing Data. *Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society*

26. Mo, C., Samawi, H., Yin, J., **Rochani, H.**, Zhang, X. & Kersey, J. (2019). Applications of Generalized Kullback-Leibler Divergence as a Measure of Medical Diagnostic and Cut-Point Criterion for K-Stages Diseases. *Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society*
27. **Rochani, H.**, Samawi, H., & Yu, L. (2018). Sensitivity analysis for non-ignorable missing data with missclassification Error. *2018 American Public Health Association (APHA) Annual Meeting & Expo*
28. Jordon, E., Smallwood, S., **Rochani, H.** & Jones, J. (2018). Exploring Psychosocial Factors and Sexual Risk Behavior Of Men Who Have Sex With Men In The United States Military. *2018 American Public Health Association (APHA) Annual Meeting & Expo*
29. Samawi, H., Zhang, X., Yu., L., **Rochani, H.**, & Vogel, R. (2018). On Quantiles Estimation Based on Different Stratified Sampling with Optimal Allocation. *Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society*
30. Yin., J., Samawi, H., Zhang, X., Yu, L., **Rochani, H.** & Vogel, R. (2018). New Applications of Kullback-Leibler Information as a Measure of Diagnostic Accuracy and its Relation to Common ROC Indices. *Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society*
31. **Rochani, H.**, Linder, D., Samawi, H., & Panchal, V. (2017). Efficient sampling design for making inference on mean estimation in longitudinal data. *2017 American Public Health Association (APHA) Annual Meeting & Expo*
32. Brown, A., Afriyie-Gyawu, E., **Rochani, H.** & Barham, R. (2017). Burning of scrap tires, firewood and liquefied petroleum gas as fuel sources for singeing meat in Ghana: Chemical emissions via smoke and health concerns. *2017 American Public Health Association (APHA) Annual Meeting & Expo*
33. Pagano, P., Stephens, J., **Rochani, H.**, Reagan, J., Zapata, L., Whiteman, M. & Curtis, K. (2017). Health Care Provider Practices around Emergency Contraception: An Analysis of a Nationwide Provider Survey. *2017 American Public Health Association (APHA) Annual Meeting & Expo*
34. Samawi, H. , Cai, J., Linder, D., **Rochani, H.**, & Yin, J. (2017). Simpler Approach for Mediation Analysis for Dichotomous Mediators in Logistic Regression. *2017 American Public Health Association (APHA) Annual Meeting & Expo*
35. **Rochani, H.**, Hani M samai Yin, J. & Viral Panchal (2017). Notes on the Overlap Measure as an Alternative to the Youden Index: How are they Related?. *Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society*
36. Samawi, H., Helu, A., **Rochani, H.**, Yin, J. & Vogel, R. (2017). Kernel Density Estimation based on Progressive Type-II Censoring. *Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society*
37. Pandeya, S. & **Rochani, H.** (2017). Hot Deck Imputation for Mixed Typed Datasets using Model Based Clustering *Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society*
38. Samawi, H. , Yu., L., **Rochani, H.**, & Vogel, R. (2016). More Efficient Survival Analysis Using Moving Extreme Ranked Auxiliary Covariate sampling method. *2016 American Public Health Association (APHA) Annual Meeting & Expo*
39. Samawi, H., Cai, J., **Rochani, H.**, & Linder, F. (2016). Simpler Approach for Mediation Analysis for Dichotomous Mediators in Logistic Regression. *Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society*

40. Samawi, H., **Rochani, H.**, Yin, J., Linder, F., & Vogel, R. (2016). Notes on Kernel Based Mode Estimation Using More Efficient Sampling Designs. *Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society*
41. **Rochani, H.**, Linder, F., Samawi, H. & Viral V. Panchal (2016). Multivariate Mean Estimation Under Efficient Sampling Designs. *Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society*
42. **Rochani, H.**, Vogel, R., Samawi, H. & Yin, J. (2015). Correction of Verification Bias by Application of Homogeneous Log-linear Models for a Single Binary-scale Diagnostic Tests. *2016 American Public Health Association (APHA) Annual Meeting & Expo*
43. Samawi, H., **Rochani, H.**, Linder, F., & Chatterjee, A. (2015). More Efficient Logistic Analysis Using Moving Extreme Ranked Set Sampling: Application to Children obesity. *2016 American Public Health Association (APHA) Annual Meeting & Expo*
44. **Rochani, H.**, Vogel, R., Samawi, H., & Linder, D. (2015). Explicit Estimates for Cell Counts and Modeling the Missing Data Indicators in Three-Way Contingency Table by Log-Linear Models. *Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society*
45. Afriyie-Gyawu, E., Brown, A., Barham, R. , & **Rochani, H.** (2015). Chemical Emissions via Smoke Produced Through Burning of Scrap Tires, Firewood and Liquefied Petroleum Gas as Fuel Sources for Singeing Meat in Ghana. *Society of toxicology (SOT)*
46. **Rochani, H.**, Vogel, R., Samawi, R., & Linder, D. (2015). Maximum likelihood estimates by Homogenous log-linear models for three-way contingency tables with Missing data with application to neuropathology data . *2015 American Public Health Association (APHA) Annual Meeting & Expo*
47. **Rochani, H.**, Vogel, R., Samawi, H., & Yin, J. (2015). *Correction of Verification Bias by Application of Homogeneous Log-linear Models for a Single Binary-scale Diagnostic Tests* . at 2015 Joint Statistical Meeting (JSM), Seattle, WA, U.S.A., August 11, 2015.
48. Desai, R., Broach, E., **Rochani, H.**, Khaji, A., Friedman, E., & Sardar, R. (2015). Does Ischemic Pre-Conditioning Occur with Obstructive Sleep Apnea (OSA)? Comparing the Severity of Myocardial Necrosis Between the Patients with OSA and Without OSA After an Acute ST Elevation Myocardial Infarction. *2015 American Thoracic Society International Conference*
49. Reber, R., Desai, R., Hegewald, M., Sheibley, D., Bonn, J., Villas, P.R., **Rochani, H.** & Greenspon, L.E. (2015). Submassive Pulmonary Embolism: The Impact of Early Clot Reduction with Ultrasound-Accelerated Thrombolysis on Pulmonary Hypertension. *2015 American Thoracic Society International Conference*
50. **Rochani, H.** , Djire, B., Tsai, K., Chimariya, K., Jabra, R. (2013). Modeling the risk factors effects on mortality in Hanford, Oak ridge national laboratory and rocky flats nuclear weapons plant. *Graduate Research Symposium, Statesboro, GA*
51. Parrillo, A.V., **Rochani, H.**, & Johnson, J. (2009). *Fit WIC Georgia: Combining nutrition and exercise to prevent childhood obesity*. *Annual Conference of the Georgia Rural Health Association*
52. Hobson, A., **Rochani, H.**, Dhakal, E.R., Eldridge, C.T., Smith, A., Hobson, A., Scott, K., Peden, A., Sevilimedu, V., Mayer, H., Rivers, C., Marella, P.R., Parrillo, A.V. (2008). A tri-county assessment: Placing theory into practice for purposes of achieving better health in rural Southwest Georgia. *Annual Meeting of the Georgia Rural Health Association*

Accepted Conference Presentations

1. Promising population-wide trends and unsuccessful high-risk approach in reducing non-alcoholic fatty liver disease (NAFLD) among US youths aged 12-19 years. *2023 American Public Health Association (APHA) Annual Meeting & Expo*
2. Childhood socioeconomic status and risk of adult cardiovascular disease *2023 American Public Health Association (APHA) Annual Meeting & Expo*
3. Effective care coordination is disproportionately lacking in families of children with cerebral palsy: results of the National Survey of Children's Health (2016-2020). *American Academy for Cerebral Palsy and Developmental Medicine*
4. Transition to adult healthcare among children with cerebral palsy, developmental disabilities, and typically developing children *American Academy for Cerebral Palsy and Developmental Medicine*
5. Improving Cadet Physical Training with Embedded Resilience and Mindfulness Strategies. *ACSM Annual Conference*

Dissertation Committee Chair - Completed

1. *Mediation Analysis in Categorical Variables Under Non-Ignorable Missing Data Mechanisms (2021)* by Sarah Ayoku (Biostatistics) at Jiann-Ping Hsu College of Public Health.
2. *Evaluating the Performance of Various Multiple Imputation Techniques for the Analytical Solution of Joint Confidence Interval of AUC and Youden Index Assuming the Ignorable Missing Data (2021)* by Kapil Rathi (Biostatistics) at Jiann-Ping Hsu College of Public Health.

Dissertation/Thesis Committee Member - Completed

1. *Effect Of Training Modality On Intention to Exercise Among Law Enforcement Cadets Post Academy (2023)* by Nicholas Hunt (Masters of Science) at Waters College of Health Professions.
2. *The Role of Cardiorespiratory Fitness to Attenuate Arterial Stiffness in Firefighters (2022)* by Thomas Nagel (Masters of Science) at Waters College of Health Professions.
3. *The Relationship Between Physical Mobility and Firefighter Occupational Task Performance (2022)* by Shelby Harbison (Masters of Science) at Waters College of Health Professions.
4. *Sociocultural Correlates of Obesity and Overweight among Healthcare Providers and Ancillary Staff in Ghana: A Cross-Sectional Study (2022)* by Deng Abraham (Community Health Behavior and Education) at Jiann-Ping Hsu College of Public Health.
5. *Microbiological Water Quality Of Tybee Island And Occurrence Of Human Pathogenic P. Aeruginosa In Beach Water And Tidal Pools. (2022)* by Jillson Sarah (Epidemiology) at Jiann-Ping Hsu College of Public Health.
6. *An International Classification of Functioning, Disability and Health Perspective on Physical Activity Participation Among Children with Cerebral Palsy (2021)* by Adrenne T. Newell (Honors in Health Sciences and Kinesiology) at Waters College of Health Professions.
7. *Who's the Man? Examining the Relationship Between Black Masculinity, Perceived Social Support, and Sexual Behavior in Black Male College Students (2021)* by James Thomas (Community Health Behavior and Education) at Jiann-Ping Hsu College of Public Health.

8. *Identifying Protective Factors to Early Suicide Markers: The Buffering Effects of Savoring and Resilience (2020)* by Matt Micell (Doctor Of Psychology) College of Behavioral And Social Sciences.
9. *Generalization of Kullback-Leibler Divergence for Multi-Stage Diseases: Application to Diagnostic Test Accuracy and Optimal Cut-Points Selection Criterion (2020)* by Chen Mo (Biostatistics) at Jiann-Ping Hsu College of Public Health.
10. *Exploration of Access to Public Mental Healthcare (2020)* by Brandon Wilcher (Public Health Leadership) at Jiann-Ping Hsu College of Public Health.
11. *Life Table Analyses of the Impact of Eliminating Particular Causes of Death Using the United States 2016 Population (2020)* by Deborah Kanda (Biostatistics) at Jiann-Ping Hsu College of Public Health.
12. *Standardized Knowledge and Behavior of Food-Protection Staff to Help Reduce the Potential for Incidences of Foodborne Illness (2020)* by Joshua Dufresne (Public Health Leadership) at Jiann-Ping Hsu College of Public Health.
13. *New Measure of Diagnostic Accuracy with Cut-point Criteria for k-stage Classification Disease Based on Concordance and Discordance (2020)* by Jing Kersey (Biostatistics) at Jiann-Ping Hsu College of Public Health.
14. *Multiple Imputation Using Influential Exponential Tilting in Case of Non-Ignorable Missing Data (2020)* by Kavita Gohil (Biostatistics) at Jiann-Ping Hsu College of Public Health.
15. *A Pilot Study Assessing Potential Contaminants in Rural Water Wells: Are Current Regulations Protecting Public Health? (2020)* by John Barron (Public Health Leadership) at Jiann-Ping Hsu College of Public Health.
16. *Let Me Upgrade You: Common Measures in Public Health Accreditation Action Plans (2019)* by Gurleen Roberts (Leadership) at Jiann-Ping Hsu College of Public Health.
17. *Utilizing the Theory of Reasoned Action to Analyze African American College Students Intentions to Participate in Biobanking Research (2019)* by Bethrand Ugwu (Community Health Behavior and Education) at Jiann-Ping Hsu College of Public Health.
18. *Food insecurity among college students at a Historically Black College & University: Prevalence, social support & coping skills, and academic outcomes (2019)* by Rebecca Larson (Community Health Behavior and Education) at Jiann-Ping Hsu College of Public Health.
19. *Factors Influencing Access to Care and Contraceptive Use among U.S. born and Foreign-born Women of African descent (2019)* by Olivia Osaji (Community Health Behavior and Education) at Jiann-Ping Hsu College of Public Health.
20. *The Role of Family Context in Family Health History Communication surrounding Chronic Disease (2019)* by Kendall Williams (Community Health Behavior and Education) at Jiann-Ping Hsu College of Public Health.
21. *Factors Associated with Iron-folic Acid Supplements Use Among Pregnant Women in Karu, Nasarawa State, Nigeria (2018)* by Toyin Akomolfe (Community Health Behavior and Education) at Jiann-Ping Hsu College of Public Health.
22. *Exploring Psychosocial Factors And Sexual Risk Behavior Of Men Who Have Sex With Men: Project MInDS (2018)* by Erin Jordan (Community Health Behavior and Education) at Jiann-Ping Hsu College of Public Health.

23. *Healthcare Provider Practices Around Emergency Contraception: An Analysis of a Nationwide Survey (2017)* by Pamela Pagano (Public Health Leadership) at Jiann-Ping Hsu College of Public Health.
24. *Application of the Misclassification Simulation Extrapolation (MC-SIMEX) Procedure to Log-logistic Accelerated Failure Time (AFT) Models in Survival Analysis (2017)* by Srinivasa Sevilimedu Veeravalli (Biostatistics) at Jiann-Ping Hsu College of Public Health.
25. *Assessment of Orphans' and Vulnerable Childrens' Knowledge, Attitude, and Perception of Tuberculosis & HIV and the Contextual and Structural Factors that Influence Risk: a Mixed Methods Pilot Study of the Union Orphanages of North Haiti (2017)* by Valamar Reagon (Community Health Behavior and Education) at Jiann-Ping Hsu College of Public Health.
26. *Double Burden of Overweight and/or Obesity and Anemia in Zimbabwean Women (2017)* by Fadzai Punungwe (Community Health Behavior and Education) at Jiann-Ping Hsu College of Public Health.
27. *Using the Health Belief Model to Explore and Describe Central Georgia African American Small Family Farmers Perceptions of Production Agriculture Safety: An Applied Qualitative Study (2016)* by Jerel Harris (Public Health Leadership) at Jiann-Ping Hsu College of Public Health.
28. *Improving the Inference of Some Experimental Studies by Using Ranked Auxiliary Covariates (2016)* by Rajai Jabra (Biostatistics) at Jiann-Ping Hsu College of Public Health.
29. *Simpler Approach for Mediation Analysis for Dichotomous Mediators in Logistic Regression: An Application to Children's Health Conditions Associated with Obesity (2016)* by Jingxian Cai (Biostatistics) at Jiann-Ping Hsu College of Public Health.
30. *The Association Between the Prevalence of Diabetes in Local Health Departments' Jurisdictions and the Health Related Services They Provide (2016)* by John Sheahan (Public Health Leadership) at Jiann-Ping Hsu College of Public Health.
31. *Missing Data in Clinical Trial: A Critical Look at the Proportionality of MNAR and MAR Assumptions for Multiple Imputation (2016)* by Theophile Dipita (Biostatistics) at Jiann-Ping Hsu College of Public Health.
32. *The Effects of Government Regulation On Providing Helathcare at United States Hospitals Between 1997 and 2010 (2016)* by David Schott (Public Health Leadership) at Jiann-Ping Hsu College of Public Health.

Invited Lectures

1. *Sensitivity analysis for misclassification error correction under non-ignorable missing in validation data.*(BEES seminar at JPHCOPH, Febuary 11, 2019)
2. *Power analysis in biomedical data* (PUBH 5520G, September 12, 2018)
3. *Sample size determination in public health research* in Master level Epidemiologic research Methods I (EPID 7133, April 3, 2017)
4. *Verification Bias* in Master level Stistical methods in Medical Research (PUBH 7090D, April 13, 2016)
5. *Poission Regression* in Master level Regression in Biostatistics (November 9, 2015).
6. *Log-linear models and Missing Data in Clinical Studies* in Doctoral level Analysis with Missing Data Course (BIOS 9433, March 19 & 24, 2015)

7. *Application of Biostatistics in Health Evaluation Programs* in Undergraduate level Health Promotion Program Planning II Course (BIOS 9433, March 12, 2015)
8. *Sample Size and Power Calculation* in Doctoral level Research Methods Course (CHBE 9130, September 23, 2014)

Professional Development: Short Courses

1. *Webinar: Clinical Trials Non-Inferiority Hypothesis* (1 day) by Li Tang & Sheng Luo, U.S.A., June 14, 2022.
2. *Statistical Methods for Brain Network Analysis Using Multimodal Imaging Data* (1 day) by Ying Guo and Phebe Kemmer, Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society, Washington, DC, U.S.A., March 12, 2017.
3. *Missing data in Regression Models* (1 day) by Joe Ibrahim, Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society, Austin, Texas, U.S.A., March 6, 2016.
4. *Bayesian Clinical Trials* (1 day) by David Draper, Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society, Miami, Florida, U.S.A., March 15, 2015.
5. *Patient-Reported Outcomes: Measurement, Implementation and Interpretation* (2 day) by Joseph C. Cappelleri & Andrew G. Bushmakim, The 70th Deming Conference on Applied Statistics, Atlantic City, New Jersey , U.S.A., December 11-12, 2014.
6. *Longitudinal and incomplete data* (1 day) by G.Verbeke & G. Molenberghs, Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society, Baltimore, Maryland, U.S.A., March 16, 2014.
7. *Biosimilars: Design and Analysis of Follow-on Biologics* (2 day), by Shein-Chung Chow, slowromancapxx@ Annual Biopharmaceutical Applied Statistics Symposium (BASS), Orlando, Florida, November 5 & 6, 2013
8. *Advanced Safety Data Analysis and Handling Nonrandom Missing Data* (2 day), by Russ Wolfinger, Craig Malincrodt, Richard Zink; Moderator: R.K. Elswick, slowromancapxix@ Annual Biopharmaceutical Applied Statistics Symposium (BASS), Savannah, Georgia, November 6 & 7, 2012

Teaching at Georgia Southern University

PERIOD	August 2014 — Present
	Advanced Clinical Trials (Doctorate level)
CLASSES	Applied Statistical Methods in Public Health (Doctorate level)
	Scientific Basis of Public Health (Doctorate level)
	Data Management for Biostatistics (Master level)
	Analysis with Missing Data (Doctorate level)
	Biostatistics (Master level)
	Categorical Data Analysis (Master level)
	Applied Long Data Analysis (Doctorate level)
	Topics of Inference in Biostatistics (Master level)
	Introduction to Statistical Packages (Undergraduate)

Directed Individual Studies

Applied Longitudinal Data (Master Level) (Spring 2015) (Sarbesh Pandaya)
 Statistical Analysis with SAS (Master Level) (Spring 2015) (Gloria Barnett)

National/International:

1. Chair for Applied Public Health Statistics Section (APHS) at APHA (November, 2021 - December 2022)
2. Chair Elect for Applied Public Health Statistics (APHS) Section at APHA (October, 2020 - October, 2021)
3. Section Councilor for APHA (November, 2019 - October, 2020)
4. IRB reviewer - Memorial Health Hospital Savannah Georgia (June, 2018 - Current)
5. Book reviewer for Springer (2021).
6. Editor for PLOS Journal (October, 2020 - June 2021)
7. IT officer at Southern Regional Council on Statistics (SRCOS) (January, 2018 - December, 2019)
8. Associate editor of Biostatistics and Biometrics open access Journal (BBOAJ) (June, 2017 - Current)
9. Associate editor for Biostatistics and Biometrics Journal (January, 2017 - Current)
10. Social Media Committee Member at ENAR (June, 2016 - July, 2017)
11. Associate editor for research in Health Science (June, 2016 - December, 2018)
12. Committee member of a Society of Clinical Trials (SCTs) Membership Committee (Fall 2015 - August 2016)
13. Moderator for session *Statistical Methods on Prevention and Wellness* at American Public Health Association (APHA), Chicago, IL, U.S.A., November, 2, 2015.
14. Chair for the session *Machine Learning* at Spring meeting of the Eastern North American Region (ENAR) of the International Biometric Society, Austin, Texas, U.S.A., March, 9, 2016.
15. Reviewed several publications for following journals
 - Statistical Methods in Medical Research
 - Statistics in Medicine
 - American Public Health Statistics Section at APHA
 - American Journal of epidemiology
 - Journal of Biopharmaceutical Statistics
 - Journal of Multivariate Analysis
 - Statistical Papers
 - Journal of Statistical Computation and Simulation
 - Journal of Statistical Planning and Inference
 - European journal of pure mathematics
 - Emerging Infectious Diseases
 - Communications in Statistics - Simulation and Computation.
 - Journal of applied statistics.
 - Journal of statistical Theory and Practice
 - Gazi University Journal of Science

- Heliyon Journal

University:

1. IRB reviewer (Clinical Studies) at GSU (November, 2022 - Current)
2. Academic Comprehensive Review Committee (August, 2020 - Current)
3. College Senator (August, 2020 - Current)
4. POD volunteer (March, 2021)
5. Faculty Senate Alternate (August, 2016 - July 2021)
6. Undergraduate Senate Alternate (August, 2016 - July, 2018)
7. Faculty Research Committee (August, 2016 - July, 2018)
8. STEM affiliate Faculty member (August, 2014 - August, 2017)
9. Health Informatics Academic Alliance Committee (January, 2015 - August, 2016) with University System of Georgia
10. Line-up Assistant during the Fall 2015 commencement ceremonies.

College/Department:

1. Director of the Karl Peace Center for Biostatistics (June, 2016 - July, 2022)
2. JPHCOPH research committee member(August, 2019 - Present)
3. Member - Promotion and tenure committee (October, 2020 - October, 2022)
4. Member - Faculty award committee (June, 2020 - June, 2022)
5. BSPH Public health analytic committee (August, 2019 - November, 2019)
6. Chair, Quality Matters PUBH 6541 Internal course Review Team
7. Chair, Comprehensive Exam Logistics Committee
8. JPHCOPH Guest Lecture Series - Biostatistics concentration representative.
9. Travel Grant Reviewer for Jiann Ping Hsu College of Public Health (2014 - 2017, 2020 - 2022)
10. Represented JPHCOPH at graduate fair (2014, 2018) and APHA (2015, 2018).
11. Comprehensive Exam adjudicator (2014 - 2017)
12. Capstone Project Evaluator (Fall 2014 & Spring 2015)
13. Concentration liaison at Academic Assessment Retreat (2015 - 2018)

Professional Affiliations

American Statistical Association (ASA)
 American Public Health Association (APHA)
 Eastern North American Region (ENAR)
 Society of Clinical Trials