



## CURRICULUM VITAE

### ASLI ASLAN

Associate Professor | Jiann-Ping Hsu College of Public Health  
Director | Institute for Water and Health

Georgia Southern University | ☎ 912.478.2565 | ✉ [aaslan@georgiasouthern.edu](mailto:aaslan@georgiasouthern.edu)

#### EDUCATION

<b>PhD in Marine Biology</b> , <i>Emphasis area: Water Microbiology</i> Istanbul University, Institute for Marine Sciences and Management	2008 <i>Istanbul, Turkiye</i>
<b>MSc in Marine Biology</b> , <i>Emphasis area: Coastal Water Quality</i> Istanbul University, Institute for Marine Sciences and Management	2002 <i>Istanbul, Turkiye</i>
<b>BSc in Biology</b> , <i>Microbiology Concentration</i> Istanbul University, College of Sciences	1999 <i>Istanbul, Turkiye</i>

#### ACADEMIC POSITIONS AND APPOINTMENTS

<b>Director</b> , <i>Institute for Water and Health</i> Office of Research, Georgia Southern University	2021-present <i>Savannah, GA</i>
<b>Associate Professor</b> of <i>Environmental Health Sciences (BEES department)</i> Jiann-Ping College of Public Health, Georgia Southern University	2019-present <i>Statesboro, GA</i>
<b>Provost Fellow for Research</b> Office of Research, Georgia Southern University	2019-2021 <i>Statesboro, GA</i>
<b>Assistant Professor (Tenure track)</b> Jiann-Ping College of Public Health, Georgia Southern University	2013-2019 <i>Statesboro, GA</i>
<b>Assistant Professor (Research track)</b> College of Agriculture and Natural Resources & International Studies and Programs (joint appointment) Michigan State University	2011-2013 <i>East Lansing, MI</i>
<b>Post-Doctoral Research Associate</b> College of Agriculture and Natural Resources, Michigan State University	2008-2011 <i>East Lansing, MI</i>
<b>Research Scientist</b> Institute of Marine Sciences and Management	1999-2008 <i>Istanbul, Turkiye</i>

#### CONTRIBUTIONS TO RESEARCH, SCHOLARSHIP, AND OTHER CREATIVE ACTIVITIES

##### A. RESEARCH AREAS

Dr. Aslan's research focus is the sources, persistence, and mitigation of microbial hazards in water environment. Her research is at the intersection of environmental health sciences and aquatic ecology. The outcomes of her research aim to support science driven decision making, advance water stewardship among communities, and support skilled workforce development in water resource management and public health profession.

## B. PUBLICATIONS

### ARTICLES IN PEER-REFEREED JOURNALS (\*students, † senior author)

1. Dotherow, E.\*, **Aslan, A.** † (minor revisions submitted). Private well water stewardship behaviors in rural Georgia. *PLOS One*.
2. Jones, J., **Aslan, A.**, Nazaruk, D., Zeki, S. \* (in press). Beachgoers' responses to polluted beach health advisories. *Journal of Water and Health*.
3. **Aslan A.**, Jones, J., Nazaruk, D., Zeki, S.\* 2023. Is the public aware of water quality monitoring and safety notifications on beaches? *Journal of the Georgia Public Health Association*, Vol 9, No 2.
4. Keskin, F., Demirak, A., Özdemir, N., Özkan, H., Özkan, A., **Aslan, A.** † 2022. The Impact of COVID-19 on water consumption and treatment capacity in tourism areas: Example of Bodrum. *Journal of International Environmental Application and Science*, 17(4), pp.156-164.
5. Palacios, A., Keko, M.\*, Adewoye, A.\*, Rochani, H., **Aslan, A.**, Nazaruk, D., Ramos, A.G., Oliver, W. and Manship, L., 2022. Factors associated with the nutritional status of Infants and young children from rural Honduras. *Current Developments in Nutrition*, 6(Supplement\_1), pp.153-153.
6. Zeki S.\*, **Aslan, A.**, Burak, S., Rose, J.B. (2021) Occurrence of a human-associated microbial source tracking marker and its relationship with fecal indicator bacteria in an urban estuary. *Letters in Applied Microbiology*, 72(2), 167-177.
7. **Aslan, A.**, Shah, G., Sittaramane, V., Shankar, P. (2020). Sewage monitoring in rural communities: A powerful strategy for COVID-19 surveillance. *Journal of Environmental Health*, 83 (4), 8-10.
8. **Aslan, A.**, Rochani, H., Oyibo, O.\*, Dotherow, J.E.\*, Anderson, K.A.\*, Beslin, C.\*, Chapman, A.\*, Thomas, B.\*, Brown, A.\*, Ampofo-Yeboah, A., 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.
9. Duff, J.A.\*, **Aslan, A.**, Cohen, R. (2019). Land use and environmental variables influence antibiotic-resistant bacteria abundance in southeastern coastal plain streams. *Journal of Environmental Quality*, 48 (6), 1809-1816.
10. Weiskerger, C., Brandão, J.C.S., Ahmed, W., **Aslan, A.**, Avolio, L., Badgley, B., Boehm, A., Edge, T.A., Fleisher, J.M., Heaney, C., Jordao, L., Kinzelman, J., Klaus, J.S., Kleinheinz, G., Meriläinen, P., Nshimiyimana, J.P., Phanikumar, M.S., Piggot, A., Pitkänen, T., Robinson, C., Sadowsky, M., Staley, C., Staley, Z., Symonds, E., Vogel, L., Yamahara, K., Whitman, R., Solo-Gabriele, H.M., Harwood, J. (2019). Impacts of a changing earth on microbial dynamics and human health risks in the continuum between beach water and sand. *Water Research* 162, 456-470.
11. Sivaganesan, M., Aw, T., Briggs, S., Dreelin, E., **Aslan, A.**, Dorevitch, S., Shrestha, A., Isaccs, N., Kinzelman, J., Kleinheinz, G., Noble, R., Rediske, R., Scull, B., Rosenberg, S., Weberman, B., Sivy, T., Southwell, B., Siefring, S., Oshima, K., Haugland, R. (2019). Standardized data quality acceptance criteria for a rapid *E. coli* qPCR method (Draft Method C) for water quality monitoring at recreational beaches. *Water Research* 156, 456-464.
12. Aw, T., Sivaganesan, M., Briggs, S., Dreelin, E., **Aslan, A.**, Dorevitch, S., Shrestha, A., Isaccs, N., Kinzelman, J., Kleinheinz, G., Noble, R., Rediske, R., Scull, B., Rosenberg, S., Weberman, B., Sivy, T., Southwell, B., Siefring, S., Oshima, K., Haugland, R. (2019). Evaluation of multiple laboratory performance and variability in analysis of recreational freshwaters by a rapid *E. coli* qPCR method (Draft Method C). *Water Research* 156, 465-474.
13. **Aslan, A.**, Cole, Z.\*, Bhattacharya, A.\*, Oyibo, O.\* (2018). Presence of antibiotic resistant *Escherichia coli* in wastewater treatment plant effluents utilized as water reuse for irrigation. *Water*, 10 (6), 805-816.

14. Jones, J., **Aslan, A.** †, Trivedi, R.\* , Olivas, M.\* , Hoffman, M.\* (2018). Data on the risk perceptions of beach water safety in coastal Georgia. *Data in Brief* 19, 312-316.
15. Mayer, R., Reischer, G., Ixenmaier, S., Derx, J., Blaschke, A., Ebdon, J., Linke, R., Egle, L., Ahmed, W., Blanch, A., Byamukama, D., Savill, M., Mushi, D., Cristóbal, H., Edge, T., Schade, M., **Aslan, A.**, Brooks, Y., Sommer, R., Masago, Y., Sato, M., Taylor, H., Rose, J., Wuertz, S., Shanks, O., Mach, R., Zessner, M., Farnleitner, A. (2018). Global distribution of human-associated fecal genetic markers in reference samples from six continents. *Environmental Science and Technology* 52(9), 5076-5084.
16. Jones, J., **Aslan, A.** †, Olivas, M.\* , Hoffman, M.\* , Trivedi, R.\* (2018). Water quality and the perception of risk: A study of Georgia, USA, beachgoers. *Ocean and Coastal Management* 158, 116-119.
17. **Aslan A.**, Anderson, K.\* , Chapman, A.\* (2018). The impact of tides on microbial water quality at an inland river beach. *Journal of Environmental Quality* 47(5), 1123-1129.
18. Chang, P.\* , Rochani, H., Mase, W., Jones, J., **Aslan, A.** (2018). Analysis of food service organization risk classification and associated food safety violation frequency. *Journal of Environmental Health* 80 (6), 14-18.
19. Gallard-Gongora, J.\* McGowan Munck, K.\* , Jones, J., **Aslan, A.** † (2017). Coliphages as a beach water quality indicator to protect swimmer's health in coastal Georgia. *Journal of the Georgia Public Health Association* 7(1).
20. **Aslan A.**, Benevente, S.\* (2016). New recreational water quality criteria and its impact on beach advisories in coastal Georgia. *Journal of the Georgia Public Health Association* 6, 1-9.
21. Brooks, Y.\* , **Aslan, A.**, Tamrakar, S., Murali, B, Mitchell, J., Rose, J.B. (2015). Analysis of the persistence of enteric markers in sewage polluted water on a solid matrix and in liquid suspension. *Water Research*, 76, 201-212.
22. Altıok, A., **Aslan, A.**, Övez, S., Demirel, N., Yüksek, A., Kırathı, N., Taş, S., Müftüoğlu, A. E., Sur, H.I., Okuş, E. (2014). Influence of the extreme conditions on the water quality and material exchange flux in the Strait of Istanbul. *Journal of Marine Systems*, 139, 204-216.
23. **Aslan, A.** and Rose, J.B. (2013). Evaluation of the host specificity of *Bacteroides thetaiotaomicron alpha-1-6, mannanase* gene as a sewage marker. *Letters in Applied Microbiology*, 56 (1), 51-56.
24. **Aslan A.**, Xagorarakı I., Simmons, F.J., Rose, J.B., Dorevitch, S. (2011). Occurrence and infectivity of adenovirus and other enteric viruses in contact-limited freshwater recreational areas and bathing waters. *Journal of Applied Microbiology*, 111, 1250-1261.
25. Srinivasan S.\* **Aslan, A.**, Xagorarakı I., Alocilja E., Rose J.B. (2011). *Escherichia coli*, *Enterococcus* spp. and *Bacteroides thetaiotaomicron* qPCR signals through wastewater and septage treatment. *Water Research*, 45, 2561-2572.
26. Okuş, E. Öztürk I., Sur H.I., Yüksek, A. Taş, S. **Aslan-Yılmaz, A.**, Altıok, H., Balkıs, N., Doğan, E., Övez, S., Aydın, A.F. (2008). Critical evaluation of wastewater treatment and disposal strategies for Istanbul with regards to water quality monitoring study results. *Desalination*, 226, 1-3, 231-248.
27. Yokes MB, Karhan S.U., Okus, E., Yuksek, A., **Aslan-Yılmaz, A.**, Yılmaz, N., Demirel, N., Demir, V., Galil, B.S. (2007). Alien Crustacean Decapods from the Aegean Coast of Turkey. *Aquatic Invasions*, 2 (3), 162-168.
28. Okus, E., Altıok, H. Yuksek, A., Yılmaz, N., **Aslan-Yılmaz, A.**, Karhan S.U, Demirel, N., Muftuoglu, A.E., Demir, V., Zeki, S., Kalkan E., Tas S. (2007). Biodiversity in western part of the Fethiye Bay. *Journal of Black Sea/Mediterranean Environment*, 13, 19-34.
29. Okuş, E., Yuksek, A., Yılmaz, N., **Aslan-Yılmaz, A.**, Karhan S.U, Öz, Mİ., Demirel, N., Tas S., Demir, V., Zeki, S Koc, EM., Tural, U., Yokes, B., Kalkan, E., Deniz, N., Caylarbasi Z., Savut, E.,

- Murat, E. (2007). Marine Biodiversity of Datça-Bozburun specially protected area (Southeastern Aegean Sea, Turkey). *Journal of Black Sea/Mediterranean Environment*, 13, 39-49.
30. Yüksek, A., Okuş, E., Yılmaz I.N., **Aslan-Yılmaz, A.**, Taş, S. (2006). Changes in biodiversity of the extremely polluted Golden Horn Estuary following the improvements in water quality. *Marine Pollution Bulletin* 52, 1209-1218.
  31. Taş, S., Okuş, E., **Aslan-Yılmaz, A.** † (2006). The blooms of cyanobacteria *Microcystis cf. aeruginosa* in a severely polluted estuary, the Golden Horn, Turkey. *Estuarine, Coastal and Shelf Science*, 68, 593-599.
  32. **Aslan-Yılmaz, A.**, Okuş, E., Övez, S. (2004). Bacteriological indicators of anthropogenic impact prior to and during the recovery of water quality in an extremely polluted estuary, Golden Horn, Turkey. *Marine Pollution Bulletin*, 49 (11-12), 951-958.
  33. Okuş, E., **Aslan, A.**, Yüksek, A, Taş, S., Tüfekçi V. (2002). Nutrient distribution at Bosphorus and surrounding areas. *Water Science and Technology*, 46 (8), 59-66.

#### BOOK CHAPTERS

34. Huffling, L., Scott, H., **Aslan, A.**, Moore, K., Simmons, M., Sumner, N. (2023). Learning from one another: Growing critical friendships across disciplines to develop our professional identities as science teacher educators. *How Teacher Educators Learn*, edited book., Information Age Publishing.

#### SCIENTIFIC AND TECHNICAL REPORTS

1. **Aslan, A.** (2023). A Pilot Water Dashboard for Coastal Georgia. Submitted to GA DNR Environmental Protection Division (Final Report).
2. **Aslan, A.** (2023). A Pilot Water Dashboard for Coastal Georgia. Submitted to GA DNR Environmental Protection Division (Quarterly Reports 12&13).
3. Mullins, D., Rosenquest, S., Walker, L., **Aslan A.**, Jackson, J., Fricsher, M., Roberson, L., Howard, K. (2023). Vernon River Watershed Management Plan. Protect Vernon River Technical Committee, April 2023.
4. Adams, A, **Aslan, A.**, Conroy-Ben, O., Englehardt, J., Hernandez-Ruiz, S., LeChevallier, M., Leung, A., Lohmann, R., Page, S., Sutton, R., Wu, F., (2022). Review of the EPA’s Draft Fifth Contaminant Candidate List (CCL5). United States Environmental Protection Agency, August 2022.
5. **Aslan, A.** (2022). A Pilot Water Dashboard for Coastal Georgia. Submitted to GA DNR Environmental Protection Division (Quarterly Reports 8, 9, 10, & 11).
6. **Aslan, A.** Cohen, R. (2022). A feasibility study for adopting rapid molecular methods to monitor Enterococci at Georgia beaches. Submitted to GA DNR Georgia Coastal Management Program.
7. **Aslan, A.**, Dotherow, E. (2021). Perceptions of well water stewardship in Evans County. Submitted to: Evans County CARES Foundation.
8. **Aslan, A.**, Dotherow, E., Vogel R. (2019). Temporal distribution of opportunistic pathogens in household systems in Evans County. Submitted to: Evans County CARES Foundation.
9. **Aslan A.** and Jones J. (2018). Molecular identification of the sources of non-point pollution and microbial risk assessment upon exposure to recreational waters at Jekyll Island Beaches, Phase II: Microbial Risk Assessment. Submitted to NOAA and Georgia DNR.
10. **Aslan A.**, Barron, S., Vogel R. (2017). What’s in Your Water: The State of Drinking Water Quality in Evans County. Submitted to: Evans County CARES Foundation.

11. **Aslan A.** and Jones J. (2017). Molecular identification of the sources of non-point pollution and microbial risk assessment upon exposure to recreational waters at Jekyll Island Beaches, Phase I: Microbial Source Tracking. Submitted to NOAA and Georgia DNR.
12. **Aslan, A.** (2016). Identification of pollution sources in Fortson Pond. Submitted to Jekyll Island Authority.
13. **Aslan, A.**, Eremeeva, M., Van Stan, J. (2016). Identification of the sources of pathogens in wetland sediments and their influence on beach water quality. Submitted to Georgia DNR.
14. **Aslan, A.** and Dreelin, E. (2013). Building Beach Managers Capacity for Using Rapid Tools. Submitted to Michigan DNR.
15. **Aslan-Yilmaz, A.**, Simmons, F., Xagorarakis, I. (2010). Enteric virus occurrence in Chicago River. Submitted to University of Illinois, CHEERS Program
16. Sur, H.I., **Aslan-Yilmaz, A.**, Tas, S.,..., Dogan E. (**annually from 2002 to 2008**). Microbiological Pollution Monitoring at the Coastal Areas of Istanbul. Published by: General Directorate of Istanbul Water and Sewerage Administration.
17. Okus, E., Sur, H.I., Apak, R., Guven, K.C., Ercag, E., Yuksek, A., Altioek, H., Balkis, N., Tas, S., **Aslan-Yilmaz, A.**, Yilmaz, N., Muftuoglu, A.E., Aksu, A., Demirel, N., Ersan, M.S., Yalcin, A. (**annually from 2004 to 2008**). Pollution monitoring in the Black Sea. Published by Turkish Ministry of Environment.
18. Sur, H.I., Okus, E., Guven, K.C., Yuksek, A., Altioek, H., Balkis, N., Tas, S., **Aslan-Yilmaz, A.**, Yilmaz, N., Muftuoglu, A.E., Ovez, S., Karhan, U., Demirel, N., Aksu, A. (**annually from 1999 to 2008**). Water Quality Monitoring in Black Sea, Marmara Sea and the Strait of Istanbul.
19. Okus, E., Yuksek, A., Yokes, B., Yilmaz, N., **Aslan-Yilmaz, A.**, Karhan, U., Demirel, N., Demir, V., Zeki, S., Tas, S., Sur, H.I., Altioek, H., Muftuoglu, A.E., Balkis, N., Aksu, A., Dogan, E., Gazioglu, C. (2006). Marine Biological Diversity Assessment of Gokova special environmental protection area. Published by: Authority for Specially Protected Areas, Turkish Ministry of Environment, ISBN 975-8273-91-4.
20. Sur, H.I., Guven, K.C., Okus, E., Algan, O., Gazioglu, C., Yuksek, A., Altioek, H., Balkis, N., Tas, S., **Aslan-Yilmaz, A.**, Yilmaz, N., Karhan, U., Muftuoglu, A.E., Aksu, A., Demirel, N., Cumali, S., Cifci, P.S., Ozcan, S., Ozsoylu, B., Kirci-Elmas, E. (2006). Sampling Programme at the Sea of Marmara on Behalf of Mempis Project 2006.
21. Guven, K.C., Okus, E., Sur, H.I., Yuksek, A., Unlu, A., Gazioglu, C., Altioek, H., Tas, S., Muftuoglu, E., Yilmaz, N., **Aslan-Yilmaz, A.**, Karhan, U. (2005). Volgoneft 248 Oil Pollution Monitoring Published by: Omur Marine Limited Inc.
22. Okus, E., Sur, H.I., Yuksek, A., Yilmaz, N., **Aslan-Yilmaz, A.**, Karhan, U., Oz, M.I., Demirel, N., Tas, S., Altioek, H., Muftuoglu, A.E., Gazioglu, C., Yucel, Z.Y., Demir, V., Zeki, S., Tural, U. (2004). Marine Biological Diversity Assessment of Datca-Bozburun specially protected area Published by: Authority for Specially Protected Areas, Turkish Ministry of Environment ISBN:975-8273-62-0.
23. Okus, E., Sur, H.I., Guven, K.C., Yuksek, A., Altioek, H., Balkis, N., Tas, S., **Aslan-Yilmaz, A.**, Yilmaz, N., Muftuoglu, A.E., Aksu, A., Demirel, N., (2004). Monitoring of pollutants from the Black Sea to the Strait of Istanbul. Published by: General Directorate of Istanbul Water and Sewerage Administration.
24. Okus, E. and **Aslan-Yilmaz, A.** (2003). Distribution of *Clostridium perfringens* in the Sea of Marmara Sediments Influenced by Deep Discharges Published by: Istanbul University Research Founding.
25. Guven, K.C., Sur, H.I., Okus, E., Yuksek, A., Uysal, A., Balkis, N., Kiratli, N., Unlu, S., Altioek, H., Tas, S., **Aslan, A.**, Yilmaz, N., Muftuoglu, A.E., Gazioglu, C., Cebeci, M., (2000). Oceanography of

the Izmit Bay Following 1999 Earthquake. Published by: Turkish Ministry of Environment. Research Foundation Support Programme for Scientific Publications, (Istanbul University, 2002)

### OTHER PUBLICATIONS

26. **Aslan A.**, Roberson, L. (2023) The Spring. Quarterly Newsletter of the Institute for Water and Health Volume 1.
27. Patel, D. Brotman, M.J., **Aslan, A.**, Molla, A. (2020). Drinking Water and Public Health in the United States (American Public Health Association Policy Statement).
28. **Aslan A.** (2016). Protecting the Swimmer Health in Coastal Georgia. Georgia Environmentalist, Volume 39, 35.
29. **Aslan, A.**, Kinzelman, J., Anan'eva, T., Lavender, J.S., Dreelin, E. (2013). A Guidance Document for Testing Recreational Waters Using EPA qPCR Method 1611. Retrieved from Michigan State University website: [http://www.cws.msu.edu/documents/qPCRmanual\\_final.pdf](http://www.cws.msu.edu/documents/qPCRmanual_final.pdf)
30. **Aslan-Yilmaz, A.**, Ahmed, W., Farnleitner, A., Masago, Y., Taylor, H., Rose, J.B. (2010). Towards a healthier water environment: IC SEWAGE, Water 21, August:44-46.
31. Burlingame, G.A., Rose J.B., Xagorarakis, I., Coulliette, A.D., **Aslan-Yilmaz, A.** (2009). How do we test for viruses? Opflow Online, 35, 5.

### C. GRANTS AND CONTRACTS

#### ACTIVE GRANTS

1. **Project Title:** A Pilot Web-based Water Dashboard for Coastal Georgia Regional Water Planning  
**Funding Agency:** Georgia Environmental Protection Division **Role:** *Principal Investigator*  
**Amount Awarded:** \$117,902 **Award Period:** *January 2020-September 2023*
2. **Project Title:** Georgia Smart Communities: Safe Water Together at Glynn County  
**Funding Agency:** Partnership for Inclusive Innovation **Role:** *Principal Investigator*  
**Amount Requested:** \$99,960 **Award Period:** *August 2023-September 2024*
3. **Project Title:** Developing Sustainable Practices for co-Digestion of Food Waste and Paper Mill Sludge Leveraging Existing Anaerobic Digestion Infrastructure  
**Funding Agency:** United States Environmental Protection Agency **Role:** *co-Principal Investigator*  
**Amount Awarded:** \$200,000 **Award Period:** *August 2022-July 2024*
4. **Project Title:** RaMP: Mentoring and Research Opportunities for Careers in Coastal Science  
**Funding Agency:** National Science Foundation **Role:** *co-Principal Investigator*  
**Amount Requested:** \$2,999,220 **Award Period:** *August 2023-July 2027*
5. **Project Title:** Okefenokee 2 Ocean: Understanding Realworld Relevance through Suwanee Watershed Assessment and Monitoring Project  
**Funding Agency:** National Academies of Sciences, Engineering, Medicine **Role:** *Senior Personnel*  
**Amount Awarded:** \$465,335 **Award Period:** *August 2023-January 2026*

### ACTIVE CONTRACTS

6. **Project Title:** Microbial Source Tracking at Vernon River  
**Funding Agency:** The City of Savannah **Role:** *Principal Investigator*  
**Total Amount Awarded to Date:** \$8,500. **Award Period:** *January 2023-recurring quarterly*
7. **Project Title:** What's in Your Water: The State of Drinking Water Quality in Evans County  
**Funding Agency:** Evans County CARES Foundation **Role:** *Principal Investigator*  
**Total Amount Awarded to Date:** \$42,500. **Award Period:** *August 2016-recurring annually*

### COMPLETED GRANTS AND CONTRACTS

8. **Project Title:** A Feasibility Study for Adopting Rapid Molecular Methods to Monitor Enterococci at Georgia Beaches  
**Funding Agency:** Georgia Department of Natural Resources **Role:** *Principal Investigator*  
**Amount Awarded:** \$157,607 **Award Period:** *October 2019-May 2022*
9. **Project Title:** Molecular Identification of the Sources of Non-point Pollution and Microbial Risk Assessment upon Exposure to Recreational Waters at Jekyll Island Beaches, Phase II: Quantitative Microbial Risk Assessment  
**Funding Agency:** Georgia Department of Natural Resources **Role:** *Principal Investigator*  
**Amount Awarded:** \$138,885 **Award Period:** *October 2017-March 2019*
10. **Project Title:** Molecular Identification of the Sources of Non-point Pollution and Microbial Risk Assessment upon Exposure to Recreational Waters at Jekyll Island Beaches, Phase I: Microbial Source Tracking  
**Funding Agency:** Georgia Department of Natural Resources **Role:** *Principal Investigator*  
**Amount Awarded:** \$150,944 **Award Period:** *October 2016-March 2018*
11. **Project Title:** Identification of the sources of pathogens in wetland sediments and their influence on beach water quality  
**Funding Agency:** Georgia Department of Natural Resources **Role:** *Principal Investigator*  
**Amount Awarded:** \$154,486 **Award Period:** *October 2014-March 2016*
12. **Project Title:** Identification of Pollution Sources in Fortson Pond  
**Funding Agency:** Jekyll Island Authority **Role:** *Principal Investigator*  
**Amount Awarded:** \$2,500 **Award Period:** *November 2015-December 2015*
13. **Project Title:** Building Beach Managers' Capacity for Using Rapid Tools  
**Funding Agency:** United States Environmental Protection Agency **Role:** *co-Principal Investigator*  
**Amount Awarded:** \$225,000 **Award Period:** *October 2010-April 2013*

14. **Project Title:** Healthier Great Lakes Beaches through Improved Communication  
**Funding Agency:** United States Environmental Protection Agency      **Role:** *co-Principal Investigator*  
**Amount Awarded:** \$100,000      **Award Period:** *October 2010-April 2012*
15. **Project Title:** Microbiological Water Quality Monitoring Program at Istanbul Shoreline  
**Funding Agency:** Istanbul Water and Sewerage Administration      **Role:** *co-Principal Investigator*  
**Amount Awarded:** \$400,000      **Award Period:** *January 2002-July 2008*
16. **Project Title:** Spatio-temporal Distribution and Identification of Aerobic Heterotrophic Bacteria Isolated from the Black and the Marmara seas  
**Funding Agency:** Istanbul University Research Fund      **Role:** *Principal Investigator*  
**Amount Awarded:** \$6,000      **Award Period:** *January 2006-July 2008*
17. **Project Title:** Distribution of *Clostridium perfringens* in the Sea of Marmara Sediments Influenced by Deep Ocean Outflows  
**Funding Agency:** Istanbul University Research Fund      **Role:** *Principal Investigator*  
**Amount Awarded:** \$5,000      **Award Period:** *January 2001-July 2003*

#### PENDING GRANT PROPOSALS

18. **Project Title:** Safe Water Together: Science Serving Community  
**Funding Agency:** United States Congress Community Funding Program.      **Role:** *Principal Investigator*  
**Amount Requested:** \$2,400,000      **Award Period:** *February 2024-January 2026*
19. **Project Title:** Georgia Beaches NowCast: A Pilot Project for Predicting Recreational Water Quality at Tybee Beaches  
**Funding Agency:** Georgia SeaGrant      **Role:** *Principal Investigator*  
**Amount Requested:** \$149,751      **Award Period:** *February 2024-January 2026*
20. **Project Title:** Septic System Maintenance and Replacement Planning in Urban Coastal Georgia as a mitigation measure for a Pathogen-Impaired Water Body  
**Funding Agency:** Georgia Environmental Protection Division      **Role:** *Principal Investigator*  
**Amount Requested:** \$79,177      **Award Period:** *October 2023-September 2026*
21. **Project Title:** Optimization of Algal Turf Scrubbers in Recirculating Systems for the Production of Oyster Hatchery Seed  
**Funding Agency:** Georgia SeaGrant      **Role:** *co-Principal Investigator*  
**Amount Requested:** \$148,381      **Award Period:** *February 2024-January 2026*
22. **Project Title:** A Novel 3D-Printable Magnetorheological Micropump for Aerosol Particle Collectors  
**Funding Agency:** United States Department of Defense      **Role:** *co-Principal Investigator*  
**Amount Requested:** \$75,524      **Award Period:** *December 2023-May 2024*



#### D. CONFERENCE PRESENTATIONS (\*students, † senior author)

1. **Aslan, A.** (2023) Challenges impacting groundwater quality and health in Coastal Southeastern USA. American Public Health Association 2023 Meeting, Atlanta, GA, November 12-15, 2023.
2. Roberson, L. \*, **Aslan, A.** † (2023) Georgia healthy beaches nowcast: Development of a predictive model for bacteria levels at Tybee island beaches. American Public Health Association (APHA) Annual Meeting. Atlanta, GA, November 12-15, 2023.
3. Uddin, Md. N.\*, Hartog, C.\*, Murray, E. \*, Roberson, L., **Aslan, A.**, Cubas, F., Rowles, L., S. (2023) Developing a Framework for Sustainable Processing of Food Waste with Existing Anaerobic Digestion Infrastructure. Association of Environmental Engineering and Science Professors (AEESP) 2023 Meeting, Boston, MA, June 20-23 2023.
4. **Aslan, A.** (2023). Microbial Source Tracking for Advanced Water and Wastewater Management in Georgia. Georgia Water Professionals Meeting Spring Conference. Columbus, GA. April 18-19, 2023.
5. Clower, V.\* Sicardi, A., **Aslan, A.** † (2023). Tetracycline Resistant Bacteria Occurrence Before and After Treating Wastewater Effluents with Algal Turf Scrubbers Georgia Public Health Association (GPHA) Annual Meeting – Jekyll Island, GA May 3-5, 2023.
6. Clower, V.\* Sicardi, A., **Aslan, A.** † (2023). Efficacy of Removing Antibiotic Resistance Bacteria from Wastewater Effluent using Algal Turf Scrubbers. Georgia Water Resources Conference (GWRC) – Athens, GA. March 30, 2023.
7. Dotherow, J.\* and **Aslan, A.** † (2021). Assessing private well water stewardship behaviors in rural Georgia. 2021 Water and Health: Science, Policy and Practice, October 4-8, 2021, Chapel Hill, NC, USA.
8. Ozdemir, N. and **Aslan, A.** † (2021). Climate Change impact on water resources in Mugla, Turkey, International Global Climate Change Congress, June 3-5, 2021.
9. Ozdemir, N. and **Aslan, A.** † (2021). Impact of global warming on aquaculture activities in Mugla, Turkey, International Global Climate Change Congress, June 3-5, 2021.
10. Hizine, M.\*, Jillson, S.\*, Apenteng, B., Jones, J., **Aslan, A.** † (2019). Microbiological water quality of Jekyll Island Beaches. Georgia Southern Symposium, April 18, 2019, Statesboro, Georgia, USA.
11. Tome, J.\*, Joshi, P.\*, Cowan, L., **Aslan, A.** † (2019). The relationship between high consumption of brominated vegetable oil contained beverage, cardiovascular disease and stroke. Georgia Southern Symposium, April 18, 2019, Statesboro, Georgia, USA.
12. Longcoy, J.\*, Zhag, X., **Aslan, A.** † (2019). Rainfall and temperature as environmental factors impacting beach water quality in Coastal Georgia. Georgia Southern Symposium, April 18, 2019, Statesboro, Georgia, USA.
13. **Aslan A.**, Cole, Z.\*, Bhattacharya, A. \*, Oyibo, O.\*, Anderson, K.W. (2018). Challenges to remove the antibiotic resistant *Escherichia coli* for wastewater reuse. Georgia Public Health Association Annual Meeting and Conference, April 4-6, 2018, Jekyll Island, GA, USA.
14. Weiskerger, C., Brandão, J.C.S., Robinson, C., Staley, C., Kleinheinz, G., Nshimiyimana, J.P., Kinzelman, J., Nevers, M.B., Sadowsky, M., Phanikumar, M.S., Whitman, R., Edge, T.A., Piggot, A., Boehmn, A., **Aslan, A.**, Badgley, B., Heaney, C., Symonds, E., Solo-Gabriele, H., Fleisher, J., Harwood, J., Yamahara, K., Vogel, L., Jordao, M.L., Avolio, L., Merilainen, P., Pitkanen, T., Ahmed, W., Staley, Z. (2018). Effects of a changing earth on predicting microbial dynamics and human health risks in the beach water/sand continuum. The International Association for Great Lakes Research (IAGLR) June 18-22, 2018, Toronto, CA.

15. **Aslan, A.** (2017). Assessment of tetracycline resistant *Escherichia coli* in chlorine and UV disinfected effluents and surface waters. ASM Microbe June 1-5, 2017, New Orleans, LA, USA.
16. **Aslan, A.** and Jones, J. (2017). Diurnal variability and sources of coliphage, Enterococci and Non-typhoidal *Salmonella* in a tidal beach. 2017 Water Microbiology Conference, May 15-17, 2017, Chapel Hill, NC, USA.
17. **Aslan, A.** (2017). Occurrence of antibiotic resistant fecal indicator bacteria in point-source polluted surface waters. 19<sup>th</sup> International Symposium on Health-Related Water Microbiology, May 15-19, 2017, Chapel Hill, NC, USA.
18. McGowan-Munck, K.\* , Gallard-Gongora, J.F.\* , Anderson, K.W.\* , **Aslan, A.** † (2016). Occurrence of sulfamethoxazole and ciprofloxacin resistance in recreational beach water affected by a wastewater treatment plant. American Society for Microbiology 102<sup>th</sup> Southeastern Branch Meeting, 11-12 November, 2016, Florence, AL, USA.
19. Gallard-Gongora, J.F.\* , McGowan-Munck, K.\* , Chapman, A.\* , Jones, J., **Aslan, A.** † (2016) Fecal indicator viruses and beach monitoring in coastal Georgia. American Society for Microbiology 102<sup>th</sup> Southeastern Branch Meeting, 11-12 November, 2016, Florence, AL, USA (*first place award winner for oral presentation*).
20. **Aslan, A.**, Beslin, C.\* , Poole, A.\* , Anderson, K.\* , Gallard-Gongora, J.\* , McGowan, K.\* , Ofuri-Gyawu, K., Ampofo-Yeboah, A. Afriyie-Gyawu, E. (2016). Microbiological assessment of sachet water in Ghana, West Africa. American Society of Tropical Medicine and Hygiene, 65<sup>th</sup> Annual Meeting, November 13-17, 2016, Atlanta, GA, USA.
21. Mears, M.\* , Karcs, C.\* , Capps, D.\* , Warang, S.\* , **Aslan, A.**, Eremeeva, M. (2016). Detection of free-living Amoebae and Amoeba-resisting bacteria in beach waters in Southeastern Georgia. American Society for Microbiology 116<sup>th</sup> General Meeting (ASM Microbe), June 16-20, 2016, Boston, MA, USA.
22. **Aslan A.** (2016). Sources of Enterococci and their relation with environmental factors at an inland beach. USEPA Recreational Waters Conference, April 12-15, 2016, New Orleans, LA, USA.
23. Gallard, J.\* , McGowan, K.\* , Poole, A.\* , Anderson, K.\* , Jones, J., **Aslan, A.** † (2016). Bacteriophage as an alternative indicator for microbiological pollution at marine beaches. Georgia Southern Research Symposium, April 16, 2016, Statesboro, GA, USA.
24. Poole, A.\* , Anderson, K.W.\* , Shah, B.\* , **Aslan, A.** <sup>C</sup>(2015). Comparison of defined chromogenic substrate assay and Method 1600 for monitoring Enterococci in tidal rivers. American Society for Microbiology 115<sup>th</sup> General Meeting, May 30-June 2, 2015, New Orleans, LA, USA.
25. **Aslan A.**, Beslin, C.\* , Benevente, S.\* , & Poole, A.\* (2015). Fecal indicator bacteria in sachet water collected from the streets of Ghana. Water Microbiology Conference, May 18-21, 2015, UNC Chapel Hill, NC, USA.
26. Poole, A.\* , Anderson, K.\* , Shah, B.\* , & **Aslan, A.** † (2015). Comparison of fecal indicator bacteria and beach water quality exceedences in a tidal river beach in Georgia. Georgia Southern Research Symposium, April 24, 2015, Statesboro, GA, USA.
27. Odion, B.\* , Benevente, S.\* , & **Aslan, A.** † (2015). Determination of the efficiency of the removal of microbiological contaminants following a wastewater treatment process. Georgia Southern Research Symposium, April 24, 2015, Statesboro, GA, USA. (*first place award winner for oral presentation*)
28. Mc Neal, S.\* , **Aslan, A.** † (2015). Microbial quality of oysters and oyster growing waters in Chatham County. Georgia Southern Research Symposium, April 24<sup>th</sup>, 2015, Statesboro, GA, USA.
29. Anderson, K.\* , Poole, A.\* , Shah, B.\* , **Aslan, A.** † (2015). Microbial source tracking at a tidal river beach. Georgia Southern Research Symposium, April 24, 2015, Statesboro, GA, USA.

30. Beslin, C.\*, Benevente, S.\*, Poole, A. \*, **Aslan, A.** † (2015). Assessment of *E. coli* in sachet water collected from the streets of Ghana. Georgia Southern Research Symposium, April 24, 2015, Statesboro, GA, USA.
31. Benevente, S. \*, **Aslan, A.** † (2015). Quantification of sewage pollution using microbial source tracking technique at an urban beach. Georgia Southern Research Symposium, April 24, 2015, Statesboro, GA, USA. (*second place award winner for poster presentation*)
32. Odion, B.\*, Benevente, S.\*, **Aslan, A.** † (2015). Assessment of environmental contaminants resulting from a wastewater treatment plant. Georgia Public Health Association 86<sup>th</sup> Annual Meeting and Conference, April 13-14, 2015, Atlanta, GA, USA.
33. Benevente, S.\* and **Aslan, A.** † (2015). Limitations of routine beach monitoring and its potential impact on public health. Georgia Public Health Association 86<sup>th</sup> Annual Meeting and Conference, April 13-14, 2015, Atlanta, GA, USA.
34. Odion, B.\*, Benevente, S.\*, **Aslan, A.** † (2015). Occurrence of microbiological contaminants in a watershed impacted by a wastewater treatment plant. 54<sup>th</sup> Annual Meeting and ToxExpo Society of Toxicology, March 22-26, 2015, San Diego, CA, USA.
35. Benevente, S.,\* and **Aslan, A.** † (2014) Impact of point and non-point sources on urban beaches. American Society for Microbiology 100<sup>th</sup> Southeastern Branch Meeting, 5-6 September, 2014, Pointe Verde, FL, USA.
36. Awolusi, T.\*, Benevente, S.\*, **Aslan, A.** † (2014). A Review of Amoeba Outbreaks in Recreational Waters American Society for Microbiology 100<sup>th</sup> Southeastern Branch Meeting, 5-6 September, 2014, Pointe Verde, FL, USA.
37. Sapp, K.,\* and **Aslan, A.** † (2014). Pathogen removal during wastewater treatment and the impact of the effluents on the water quality in a rural watershed in Southeastern Georgia. 2014 Water Microbiology Conference, May 5-9, 2014, Chapel Hill, NC, USA.
38. Benevente, S.,\* **Aslan, A.** † (2014). Tracking sources of pathogens at Georgia beaches. Georgia Southern Research Symposium, April 15, 2014, Statesboro, GA, USA.
39. Sapp, K.,\* and **Aslan, A.** † (2014). Assessment of wastewater treatment efficacy for *E. coli* removal. Georgia Southern Research Symposium, April 15, 2014, Statesboro, GA, USA.
40. Sapp, K.,\* and **Aslan, A.** † (2014). Assessment of wastewater treatment efficacy for pathogen removal. Phi Kappa Phi Research Symposium, February 14-23, 2014, Statesboro, GA, USA.
41. Sexton, J.,\* Fung, I., **Aslan, A.** † (2014). A review of *Vibrio parahaemolyticus* and *Vibrio vulnificus* in the marine environment of Coastal Georgia, USA. Sigma Theta Tau International Honor Society for Nursing Conference, March 3, 2014, Statesboro, GA, USA.
42. Sexton, J.,\* **Aslan, A.**, Fung, I. (2014). A review of foodborne disease outbreaks in Georgia, USA, 1993-2011. 2<sup>nd</sup> Annual Global Health and Infectious Disease Conference, March 28, 2014, , St Louis, MO.
43. Hofstra N, **Aslan A.**, Rose, J.B. (2013). Mapping waterborne pathogens in surface waters worldwide. 17th International Health Related Water Microbiology Symposium, September 15-20, 2013, Florianópolis, Brazil.
44. Zeki, S.\*, **Aslan, A.**, Rose, J.B. (2013). Microbial source tracking at an urban estuary (Golden Horn, Turkey). 17th International Health Related Water Microbiology Symposium, September 15-20, Florianópolis, Brazil.
45. Brooks, Y.\*, **Aslan, A.** Rose, J.B. (2011). Calculating DNA Stability Over Time in Storage of Environmental Water Samples in Malawi, East Africa and the Great Lakes Region, USA. Water and Health: Where Science Meets Policy. October 3-7, 2011, North Carolina, USA.

46. Demir, V., Yuksek, A., Yilmaz, I.N., Demirel, N., **Aslan, A.**, Karhan, S.U., Zeki, S., Altioek, H., Müftüoğlu, E., Okus, E. (2011). The effects of a yacht marina on the marine life in Fethiye SPA. World Conference of Marine Biodiversity, September 26-30, 2011, Aberdeen, Scotland (UK).
47. Demirel, N., Yuksek, A., Karhan, S.U., Yilmaz, I.N., **Aslan, A.**, Demir, V., Zeki S. (2011). The effects of fish farming on the marine environment in two Specially Protected Areas on the Turkish coast of the Aegean Sea World Conference of Marine Biodiversity, September 26-30, 2011, Aberdeen, Scotland (UK).
48. **Aslan A.**, Zeki S.\*, Rose, J.B. (2011). Pilot mapping of qPCR markers and bacterial diversity in a sewage impacted estuarine water. 16th International Health Related Water Microbiology Symposium, September 18-23, 2011, Rotorua, New Zealand.
49. Brooks, Y.\*, **Aslan, A.**, Rose, J.B. (2011). Comparing DNA Extraction Methods for Environmental Water Samples: A Malawi Case Study. American Society for Microbiology Michigan Branch Meeting, April 8-9, 2011, Michigan, USA.
50. **Aslan-Yilmaz, A.** and Rose, J.B. (2010). Comparison of Bacteroides human markers for pollution diagnostics in recreational waters. 2010 Great Lakes Beach Association (GLBA) Conference, October 19-22, 2010, Pennsylvania, USA.
51. **Aslan-Yilmaz, A.**, McNinch, R., Dreelin, E., Rose, J.B. (2010). Mapping and Communicating Sewage Contributions to Global Waters. International Water Association (IWA) World Water Congress and Exhibition, September 19–24, 2010, Montréal, Canada.
52. **Aslan-Yilmaz, A.** and Rose J.B. (2010). Water Quality Monitoring of Global Waters by Innovative Tools. 2<sup>nd</sup> All Africa Environmental Health Congress 2010, May 24-27, 2010, Lilongwe, Malawi.
53. Okus, E., Altioek, H., **Aslan- Yilmaz, A.**, Ovez, S., Tas, S., Kiratli, N., Yuksek, A., Yilmaz N., Muftuoglu A.E., Sur, H.I. (2010). Extreme conditions in the strait of Istanbul (Bosphorus). 39th CIESM Congress (Mediterranean Science Commission), May 10-14, 2010, Venice, Italy.
54. Okus, E., Zeki, S., Demir, V., Demirel, N., Yükses A., Yilmaz. I.N., **Aslan-Yilmaz, A.**, Karhan, S.U., Müftüoğlu, A.E., Tural ,U., Murat, E., Gazioglu, C. (2010). Anchor Damage on *Posidonia oceanica* (L.) Delile Beds in the Gokova Bay. 39th CIESM Congress (Mediterranean Science Commission), May 10-14, 2010, Venice, Italy.
55. **Aslan-Yilmaz A.** and Verhaugstraete, M. (2010). Water Quality and Climate Change. Climate Change Vulnerabilities and Opportunities: Michigan and Beyond. April 26, 2010, Lansing, Michigan, USA.
56. **Aslan-Yilmaz, A.** (2009). Exposure to Pathogenic Viruses in Coastal Systems in the Great Lakes ISES 2009 Symposia, November 5, 2009, Minneapolis, USA.
57. **Aslan-Yilmaz, A.**, Rose J.B., Srinivasan, S. (2009). Efficiency of a small fragment Bacteroides marker as a microbial source tracking tool for water pollution. 15th International Health Related Water Microbiology Symposium, May 31-June 5, Naxos, Greece.
58. **Aslan-Yilmaz, A.**, Yokes, B., Okus, E., Rose J.B. (2009). The variations of bacterioplankton in a stratified inland sea, ASLO Aquatic Sciences Meeting, February 2009, Nice, France.
59. Okus, E., Yuksek, A., Yilmaz, N., **Aslan-Yilmaz, A.**, Karhan S.U, Demirel, N., Demir, V., Zeki, S. (2007). The Threats on the Biodiversity of Gökova Specially Protected Area and Solutions for a Sustainable Environment, MEDCOAST, 2007, Alexandria, Egypt.
60. Okus, E., Yuksek, A., Yilmaz, N., **Aslan-Yilmaz, A.**, Karhan S.U, Demirel, N., Demir, V. (2007). Ichthyoplankton Distribution in April-September Period in Datca-Bozburun Specially Protected Area, MEDCOAST, 2007, Alexandria, Egypt.
61. Yilmaz, N., **Aslan-Yilmaz, A.**, Yuksek, A., Okus, E. (2007). Changes in mesozooplankton community structure in a highly stratified basin due to anthropogenic forcing. “4th International Zooplankton Production Symposium”, May 28 - June 1, 2007, Hiroshima, Japan.

62. **Aslan-Yilmaz, A.**, Okus, E., Yuksek, A. (2007). The distribution and the protozoan grazing effect on the survival of bacteriological indicators of pollution at discharge polluted marine sediments The 38th CIESM Congress, April 9-13, 2007, Istanbul, Turkey.
63. Okus, E., Yuksek, A., Altiok, H. Yilmaz, N., **Aslan-Yilmaz, A.**, Karhan S.U, Demirel, N., Muftuoglu, A.E., Demir, V., Zeki, S., Kalkan E., Tas S. (2006). Biodiversity at the western Fethiye Bay. Turkish Coasts 06, November 7-11, 2006, Muğla, Turkey.
64. Okus, E., Yuksek, A., Yilmaz, N., **Aslan-Yilmaz, A.**, Karhan S.U., Öz, M.İ., Demirel, N., Tas S., Zeki, S., Demir, V., Altiok, H., Muftuoglu, A.E., Gazioglu, C. (2006). Marine Biological Diversity Assessment of Datca-Bozburun specially protected area. Turkish Coasts 06, November 7-11, 2006, Muğla, Turkey.
65. Okus, E., Yuksek, A., Yilmaz, N., **Aslan-Yilmaz, A.**, Karhan S.U, Demirel, N., Demir, V., Zeki, S., Tas S., Sur H.İ, Altiok H., Muftuoglu A.E., Balkis N., Aksu A., Gazioglu C. (2006). Marine Biological Diversity Assessment of Gokova specially protected area. Turkish Coasts 06, November 7-11, 2006, Muğla, Turkey.
66. **Aslan-Yilmaz, A.**, Okus E., Övez S. (2004). Point discharge contamination of the strait of Istanbul (Bosphorus) upper flow. "Fourth Black Sea International Conference Environmental Protection Technologies For Coastal Areas", June 9-11, 2004, Varna, Bulgaria.
67. Okus, E., **Aslan-Yilmaz, A.**, Tas S., Yilmaz, N. (2004). Alterations in inorganic nutrients of the Golden Horn estuary following rehabilitation studies. "Fourth Black Sea International Conference Environmental Protection Technologies for Coastal Areas", June 9-11, 2004, Varna, Bulgaria.
68. Okus E., **Aslan-Yilmaz, A.**, Övez S. (2004). Spatial and Temporal Distribution of Bacteriological Pollution at Istanbul Shoreline. Marine Bacteriology 2004, November 25-27, 2004, Istanbul Turkey.
69. **Aslan-Yilmaz, A.**, Okus E., Övez S. (2004). Evaluation of Bacteriological Pollution By Time Series Data in Golden Horn. Marine Bacteriology 2004, November 25-27, 2004, Istanbul Turkey.
70. Yuksek, A., Okus E., Yilmaz, N., **Aslan-Yilmaz, A.** (2004). Preliminary studies on the Magnoliophyta in southern Marmara archipelago. V. National Ecology and Environment Congress, October 5-8, 2004, Bolu, Turkey.
71. Okus, E., Yuksek, A., Yilmaz, N., **Aslan-Yilmaz, A.**, Karhan S.U, Öz, M.İ., Demirel, N., Tas S. (2004). Coastal and Marine Biological Diversity in Datca-Bozburun specially protected area. V. National Ecology and Environment Congress, October 5-8, 2004, Bolu, Turkey.
72. Övez S., Okus E., **Aslan-Yilmaz, A.** (2003). Retrospective of the microbiological pollution in Golden Horn Estuary. Golden Horn Symposium; the past and the future. May 22-23, 2003, Istanbul, Turkey.
73. Okus E., **Aslan-Yilmaz, A.**, Tas S. (2002). Time Series Analysis of Nutrients in Southwestern Black Sea and the Sea of Marmara. "Second International Conference on "Oceanography of the Eastern Mediterranean and Black Sea: Similarities and Differences of Two Interconnected Basins", October 14-18, 2002, Ankara, Turkey.
74. **Aslan-Yilmaz, A.**, and Okus E. (2002). Distribution of Heterotrophic Bacteria in Southwestern Black Sea and the Sea of Marmara. "Second International Conference on "Oceanography of the Eastern Mediterranean and Black Sea: Similarities and Differences of Two Interconnected Basins", October 14-18, 2002, Ankara, Turkey.
75. Okus E., **Aslan-Yilmaz, A.**, Yuksek, A., Tas S., Tufekci, V. (2001). Nutrient Distribution at Bosphorus and Surrounding Areas. Third Black Sea International Conference Environmental Protection Technologies For Coastal Areas, June 6-8, 2001, Varna, Bulgaria.
76. Okus E., **Aslan, A.**, Yuksek, A. (2001). The effect of August 1999 earthquake on the microbiological pollution of the Izmit Bay. IV. National Ecology and Environment Congress, October 5-8, 2001 Bodrum, Turkey.

77. Okus E., **Aslan, A.**, Tas S, Yilmaz, N., Yuksek, A., Polat-Beken, C. (2001). Distribution of nutrients and chlorophyll a following 1999 Izmit earthquake. IV. National Ecology and Environment Congress, October 5-8, 2001, Bodrum, Turkey.
78. Okus E., **Aslan, A.**, Tas S, Yilmaz, N., Polat-Beken, C. (2001). Distribution of nutrients and chlorophyll a at the Golden Horn Estuary. Golden Horn 2001 Symposium, May 3-4, 2001, Istanbul, Turkey.
79. **Aslan, A.**, Okus E., Övez S., Bayhan H., Aydin A.F. (2001). Temporal changes in the microbiological pollution of the Golden Horn Golden Horn 2001 Symposium, May 3-4, 2001, Istanbul, Turkey.

## E. INVITED SPEAKER

1. **Aslan A.**, (accepted) Safe water, sustainable environment, and resilient communities: Preparing Coastal Georgia for a new chapter (Georgia Environmental Health Association Annual Meeting, September 20-23, 2023, Jekyll Island, Georgia, USA).
2. **Aslan A.** Water Quality and Health at Coastal Georgia in a Changing Environment (Georgia Environmental Health Association Annual Meeting, July 26, 2022, Savannah, Georgia, USA).
3. **Aslan, A.** Water quality in the rapid testing era and effective public health risk communication (Georgia Southern University, Center for Public Health Practice and Research, October 25, 2022, virtual).
4. **Aslan A.** Building Partnerships for Water Quality and Health in Georgia. (University of Georgia River Basin Center, March 14, 2022, Athens, Georgia, USA).
5. **Aslan A.** Microbial Source Tracking to Protect Georgia's Watersheds. (Georgia Adapt-A Stream Confluence, March 18, 2022, Helen, Georgia, USA).
6. **Aslan A.** Climate Change and Public Health (Georgia Southern University Office of Leadership and Community Engagement, November 30, 2021, virtual).
7. **Aslan A.** *Keynote*: Rapid Water Quality Monitoring in a Pandemic Impacted World: Third International Environmental Chemistry Congress (EnviroChem) (Turkish Chemistry Society, November 1, 2021, Antalya, Turkey).
8. **Aslan A.** *Panelist*: Feasibility of using qPCR for beach monitoring in Georgia. 2021 Research and Student Symposium (Georgia Sea Grant and Georgia Department of Natural Resources, May 19, 2021, virtual).
9. **Aslan A.** Microbial Source Tracking: A Rapid Tool for Beach Safety (Georgia SeaGrant, February 6, 2020, Brunswick, Georgia, USA).
10. **Aslan A.** What is in your Water? The state of the private well water quality in Evans County (Rotary Club, Evans County February 21, 2018, Claxton, Georgia, USA).
11. **Aslan A.** Molecular Identification of the Sources of Non-Point Pollution and Microbial Risk Assessment upon Exposure to Recreational Waters at Jekyll Island Beaches (Jekyll Island Authority May 26, 2016, Brunswick, Georgia, USA).
12. **Aslan A.** Application of Rapid Molecular Techniques to Track Sources of Pathogens in Water (Georgia Southern University, Department of Chemistry Seminar Series October 8, 2015, Statesboro, Georgia, USA).
13. **Aslan A.** Microbial Source Tracking in Sub Saharan Africa Waters (Tanzania Partnership Meeting September 12-13, 2012, East Lansing, Michigan, USA).
14. **Aslan A.** Water Quality in Food Industry (MJN Food Safety Advisory Panel September 5-6, 2012, East Lansing, Michigan, USA).

15. **Aslan A.** Water Quality and Health; Current Technology and Global Applications (American-Turkish Higher Education Forum: Trends in Higher Education June 3-6, 2012, Istanbul, Turkey).
16. **Aslan A.** Global Health and Water Quality (CASID Center for Gender in Global Context, March 2, 2012, East Lansing, Michigan).
17. **Aslan A.** Water Availability and Quality Issues in Turkey and Eurasia (Energy-Water Nexus in Eurasia Workshop, May 6-7, 2011 East Lansing, Michigan, USA).
18. **Aslan A.** Cities of the Future: Challenges for Water and Sanitation (Global Urban Studies Workshop Spring 2011 April 25 2011, East Lansing, Michigan, USA).
19. **Aslan A.** Mapping Global Water Pollution; Current Technology and Future Applications (Experts Exchange: Opportunities in Bio-Innovation. April 13, 2011, Holland, Michigan, USA).
20. **Aslan A.** Applying Water Quality Research to the Environmental Challenges of Eurasia (Central Asia Day: Building Human Resources and Institutional Capacity for Sustainable Development of Central Asia. October 28, 2010, East Lansing, Michigan, USA).
21. **Aslan A.** Climate Change and Water Quality (Bioeconomy and Global Climate Change, Climate Change Vulnerabilities and Opportunities: Michigan and Beyond Symposium, April 26-27, 2010, East Lansing, Michigan, USA).
22. **Aslan A.** Building Beach Managers Capacity for Using Rapid Tools (Michigan Environmental Health Association, Annual Educational Conference, March, 25 2010, Bay City, Michigan, USA).
23. **Aslan A.** Tracking Microbial Pollution of Global Waters (World Water Day, United Nations Assemblage Lansing Chapter, March 14, 2010, East Lansing, Michigan, USA).
24. **Aslan A.** Transboundary Waters and Water Quality; a case study: Turkey (Michigan State University, Fisheries and Wildlife Department GSO Series, February, 26 2010, East Lansing, Michigan, USA).
25. **Aslan A.** Water and Environmental Challenges in Turkey (Michigan State University, Center for European, Russian and Eurasian Studies, East Lansing, Michigan, April, 29 2009).

## **F. WORKSHOP ORGANIZATION**

1. Healthy Beaches, Healthy People: Waterborne Pathogens Workshop, March 25, 2015, Savannah, GA.
2. A 100 year study in the Great Lakes: Assessing Transboundary Pollution Sources, February 20, 2013, Chicago, IL.
3. Quantitative Microbial Risk Assessment Workshop, February 21, 2013, Chicago, IL.
4. Rapid Methods for Recreational Beaches Michigan Environmental Health Association Annual Education Conference, March 17, 2011, Traverse City, MI.
5. Introduction to Rapid Methods, USEPA National Beach Conference, March 14, 2011, Miami, FL ([http://water.epa.gov/type/oceb/beaches/meeting2011\\_training.cfm](http://water.epa.gov/type/oceb/beaches/meeting2011_training.cfm)).
6. Rapid Methods Training for Great Lakes Research Initiative Sanitary Survey Grant Recipients Workshop, Upper Peninsula Environmental Health Organization, February 22-25, 2011, Ishpeming, MI.

## **G. MEDIA AND OTHER DELIVERABLES**

1. **Aslan A.** (2022). Institute for Water and Health promotional video for City of Savannah local businesses.
2. **Aslan A.** (2021) Institute for Water and Health media release.

3. **Aslan A.** and Jones, J. (2018) Beach quality information boards installed on Jekyll Island.
4. **Aslan A.**, Anderson, K.,\* Gallard-Gongora, J.F. \*, McGowan, K. \*, Poole, A. \*, Jones, J. (2016). How do we keep Jekyll Island Beaches safe? Jekyll Island Green Screen Festival, March 19, 2016, Jekyll Island, GA.
5. **Aslan A.** (2015). Microbial Source Tracking. Factsheet prepared as a part of the Healthy Beaches, Healthy People Workshop, March 25, 2015, Savannah, GA.
6. **Aslan A.** (2015). Fecal Indicator Bacteria. Factsheet prepared as a part of the Healthy Beaches, Healthy People Workshop, March 25, 2015, Savannah, GA.
7. **Aslan, A.**, Beslin, C. \*, Poole, A. \*, Anderson, A. \*, Shah, B. \* (2015). Healthy Beaches, Healthy People: Sources of Pollution at Kings Ferry Beach. Poster presentation. Jekyll Island Green Screen Festival, February 21, 2015, Jekyll Island, GA.
8. **Aslan A.** (2014) Savannah Morning News- interview published online (December 20, 2014) Retrieved from: <http://savannahnow.com/news/2014-12-20/researchers-pinpoint-ogeechee-pollution-kings-ferry>
9. **Aslan, A.**, Dreelin, E., Poulson, D., Pavangadkar, A. (2012). A training video for testing recreational waters using EPA qPCR Method 1611. Retrieved from Michigan State University website: <http://www.cws.msu.edu/videos/videos.php>

## LEADERSHIP EXPERIENCE

**Director, Institute for Water and Health (IWH)**  
Office of Research, Georgia Southern University

2021-present  
Savannah, GA

- Developed multidisciplinary proposals to support water research at Georgia Southern and mission of IWH
- Established a Coastal Water Quality Laboratory that operates as a part of the IWH research and innovation agenda
- Developed partnerships between the IWH and external researchers in public and private sectors nationally and internationally
- Created a water and health research network between academia, government agencies, industry, and regional communities
- Communicated activities and opportunities for faculty and students
- Supported fundraising for IWH research and educational activities through relevant university units
- Building capacity and transfer knowledge through informal education and outreach programs among communities and practitioners in the field
- Developing networks among academic units that aid faculty and student recruitment and curriculum advancement through research experiences
- Initiating an IWH advisory board
- Promoting and facilitated a strong, collaborative, and inclusive water and health research program aligned with university research impact areas

**Founder and Co-Chair, Water and Health Committee**  
Environmental Health Section, American Public Health Association

2017-present

- Co-organized a peer-reviewed session at the APHA General Meeting 2023
- Led the development of a strategic plan for the Water and Health Initiative
- Organized quarterly committee meetings
- Organized a water and health event in APHA General Meeting
- Authored a updated policy statement for emerging drinking water contaminants
- Featured in APHA monthly magazine



**A. Chair, Research Impact Areas Implementation Committee**

- i. Developed a plan for implementing university research impact areas with research associate deans
- ii. Trained Office of Research personnel in collecting and analyzing research activity data
- iii. Developed content for marketing and communications to revise the preliminary website

**B. Co-Chair, Faculty Advisory Board**

- i. Co-led a group of faculty to identify transdisciplinary research areas for the university strategic plan
- ii. Developed procedures to identify areas that faculty have extensive experience and have been successful in sponsored research
- iii. Synthesized reports from subcommittees and short listed areas that are of transdisciplinary with vast amount of faculty experience across the campuses
- iv. Developed a final report with recommendation for implementation and presented these recommendations to the university administration

**C. Chair, Undergraduate Research Council**

- i. With the input from deans, identified faculty active in undergraduate research mentoring to serve on the committee
- ii. Assessed current undergraduate research activities and identified faculty, student, and administration needs
- iii. Based on the needs assessment, developed a strategic plan for undergraduate research
- iv. Chaired Research Symposium organization committee in 2020 (cancelled due to pandemic, and then organized a virtual symposium in 2021)
- v. Revised and restructured application and evaluation procedures for students and faculty internal funding support

**D. Lead, Georgia Southern Research Core Laboratories and Infrastructure Initiative**

- i. Documented existing research infrastructure
- ii. Revised university expenditure and sponsored awards databases and created a periodical reporting structure that is transparent to relevant units
- iii. Developed a guidance document to establish new centers, institutes, and core laboratories
- iv. Streamlined periodical reporting procedures of existing centers and institutes to the VPR

**E. Chair, Campus Research Facilities Reopening Plan Subcommittee**

- i. Developed safety guidelines for faculty and students returning to their research activities during the pandemic

**F. Other responsibilities**

- i. Assisted VPR in developing key performance indicators for evaluating university research and scholarship activities
- ii. Served in the subcommittee that revised pre-award processes in response to the NCURA report

**Co-director, International Collaboration for Sewage**

2009-2013

Michigan State University

- i. Coordinated an international group of experts (41 laboratories from 28 countries) in water and health research to evaluate the most recent methodologies in microbial source tracking and identified international funding opportunities

- ii. Organized leadership meetings and expert roundtables during IWA's Health Related Water Microbiology Symposia
- iii. Created a publicly available database for the duration of the project that summarizes microbial source tracking literature
- iv. Led development of a website for the duration of the project to share laboratory protocols between researchers

## **TEACHING EXPERIENCE**

### **COURSES DESIGNED AND TAUGHT**

- 2013 - Current*      *Principal Instructor (Georgia Southern University)*
- PUBH 6532A- Environmental Health (2013-2016, 2018-2021)
  - PUBH 4232-Global Environmental Health (2017-2019)
  - ENVH 8335- Global Water and Sanitation: Principles and Research (2017-present)
  - PUBH 8132- Environmental and Occupational Health (2017)
  - PUBH 6532F (online)-Environmental Health (2014, 2016-present)
  - ENVH 7232-Water Quality (2014-present)
  - PUBH 3136 Principles of Environmental Health (2016)
- Study Abroad Program*
- Public Health in Ireland (developed an online module on environmental health) (Summer 2023)
- Honors Research and Independent Study*
- BIOL 4895-Honors Research (2017-2018; total: 1)
  - PUBH 7890-Directed Individual Study (2015-present; total:12)
  - PUBH 7991-Public Health Capstone Research Project (2014-present; total: 8)
- 2006 - 2008*      *Principal Instructor (Other Institutions):*
- FDBY 9003- Nutrients in Seawater (Istanbul University Institute of Marine Sciences and Management)
  - MC 492-Senior Seminar: Eurasian Natural; Resource Challenges and Conflicts (Michigan State University, James Madison College)
  - MC 221-International Relations II: Natural resource and international environmental constraints in industrialized and developing countries (Michigan State University, James Madison College)
  - FDBD 9023- Pelagic Food Webs (Istanbul University Institute of Marine Sciences and Management)
  - FDBD 9016-Planktonology (Istanbul University Institute of Marine Sciences and Management)
- 2014 – present*      *Guest Lecturer (Georgia Southern University):*
- PUBH 4232-Global Environmental Health (Spring 2023)
  - ENVH 6232-Environmental Health: Water Quality (Spring 2016-present)
  - BIOL 5243G-Toxicology: Water Quality-Ecosystem and Public Health Perspectives (Fall 2014-present)
  - PUBH 3136 Principles of Environmental Health: Water Quality (Spring 2014-present)
  - PUBH 5520-Introduction to Public Health: Water Quality in Georgia (Fall 2016)
  - ENVH 7235-Field Methods: Field Sampling for Water Quality (Fall 2015)
  - ENVH 7233-Environmental Exposure and Impact Assessment: Impact Analysis: Geology, Soil and Water Resources (Fall 2014-2016)
  - PUBH 3136-Principles of Environmental Health: Solid and Liquid Waste Management (Spring 2014)

- Spring 2010-2012 Study Abroad Program Lecture Series: Water Quality Challenges in Eurasia (Michigan State University, James Madison College)
- Fall 2009 ENE 890 Water Quality and Public Health: Principles and Latest Research: Water quality and management in the Eastern Mediterranean (Michigan State University, Department of Civil and Environmental Engineering)

*Other:*

- Study Abroad Program: Water quality and energy Michigan State University, James Madison College)

## **STUDENT MENTORING ACTIVITIES**

### **Doctoral Dissertation Chair (Georgia Southern University):**

- ❖ Victoria Clower (2023-present)
  - Title: Utilization of health belief model in advancing private well water stewardship in rural-agricultural communities of Georgia
- ❖ Sarah Jillson (2020-2022)
  - Title: Human Opportunistic Pathogens in Beach Water
- ❖ James Edward Dotherow (2018-2021)
  - Title: Well Stewardship Behaviors in Rural Georgia
- ❖ Spencer John Barron (2016-2020)
  - Title: A Pilot Study Assessing Water Quality, Associated Health Risks, and Impact of Current Policies in Rural Georgia

### **Doctoral Dissertation External Reviewer:**

- ❖ Serhat Alper Yasar (2015), University of New South Wales
  - Title: The Evaluation of Microbial Source Tracking Methods to Assess and Predict Host-Specific Faecal Contamination of Surface Waters in Sydney, Australia
- ❖ Majedul Islam (2013), Wageningen University, Institute for Environment and Climate Research
  - Title: Quantifying the Impact of Flooding on Faecal Indicator Organisms in the Betna River Basin of Southwest Bangladesh

### **MPH Practicum Advisor (Georgia Southern University):**

- ❖ Sandra Ofosuhemaa (2021)
- ❖ Blaine Gaines (2022)

### **MPH Capstone Advisor (Georgia Southern University):**

- ❖ Sandra Ofosuhemaa (2021-2022)
  - Title: Microbial source tracking in drinking water fountains in recreational parks
- ❖ Michela Hizine (2019-2020)
  - Title: Microbiological quality of packaged water from Ghana
- ❖ Galela Shabani (2016-2017)
  - Title: Release of Antibiotic-Resistant Bacteria in an Urban Wastewater Treatment Facility
- ❖ Kendall Anderson (co-advisor; 2015-2016)
  - Title: Comparison of Fecal Indicator Bacteria Detection Techniques Used for Routine Monitoring at a Freshwater Beach
- ❖ Blessing Odion (2014-2015)
  - Title: Occurrence of Tetracycline Resistance Genes in a River Impacted by Wastewater Treatment Plant Effluents
- ❖ Samantha McNeal (2014-2015)
  - Title: Fecal Indicator Bacteria in Chatham County Shellfish Harvesting Areas
- ❖ Christina Beslin (2014-2015)
  - Title: Assessment of Fecal Indicator Bacteria in Sachet Water Collected from the Streets of Ghana

- ❖ Sara Benevente (2013-2015)
  - Title: Comparison of Culture and Molecular Methods to Detect Pollution at a Wastewater Impacted Beach
- ❖ Kristen Sapp (2013-2014)
  - Title: Assessing point source pollution in recreational waters

**MSc Thesis Committee Member:**

- ❖ Samantha Alvey (Georgia Southern University, Department of Biology) (2020-2022)
- ❖ Khalid Risadduzaman (Georgia Southern University, Department of Civil Engineering and Construction) (2021-2022)
- ❖ Simpo Rose Ogwa Akech (Georgia Southern University, Department of Chemistry) (2016-2017)
- ❖ Jason Duff (Georgia Southern University, Department of Biology) (2015-2017)

**Funded Student Grants**

- ❖ Advisor: Occurrence of Human Opportunistic Pathogens in Sand and Beach Water Impacted by Wastewater, (*Principal Investigator*: Sarah Jillson), Funded by: Georgia Southern University Graduate Student Professional Development Fund \$932), (June 2019-May 2020).
- ❖ Advisor: Project H2O: Assessment of microbial contamination in different types of drinking water in the Ashanti Region of Ghana (*Principal Investigator*: Michela Hizine), Funded by: Georgia Southern University Graduate Student Professional Development Fund \$850), (June 2019-May 2020).
- ❖ Advisor: Tracking Sources of Pathogens at Tybee Beaches, (*Principal Investigator*: Sara Benevente), Funded by: Georgia Southern University Graduate Student Professional Development Fund \$941), (June 2014-May 2015).

## SERVICE EXPERIENCE

### INTERNATIONAL AND NATIONAL

**Leadership in Professional Organizations:**

- ❖ Founding Co-Chair, American Public Health Association, Environmental Health Section, Water and Health Committee (2017-present)
- ❖ Co-chair, Georgia Public Health Association, Rural Health Section (2018-2020)

**National Scientific Review Committees**

- ❖ Science Advisory Board Augmented Committee Member, United States Environmental Protection Agency, Drinking Water Contaminant Candidate List V (2021-2022)

**Journal Editorial/Reviewer Board:**

- ❖ Editorial Board: PLOS One (2022-present)
- ❖ Reviewer Board: Frontiers in Environmental Health (2015-present)

**Conference Organization**

- ❖ Georgia Southern University Research Symposium (2020) (cancelled one week prior, due to pandemic)
- ❖ Georgia Southern University Research Symposium (2021) ([link to agenda](#))

**Peer Review Service**

Grant Reviewer:

- ❖ Southern California Sea Grant Reviewer (2019)
- ❖ Hawai'i Sea Grant Reviewer (2019)
- ❖ Rose Graduate Fellowship in Water Research, Michigan State University, Graduate School (2017-present)
- ❖ US Environmental Protection Agency, National Center for Environmental Research (NCER) (2014)
- ❖ Virginia Sea Grant, External Reviewer (2011)
- ❖ MSU Center for Water Sciences, Water Initiative Research Grants (2010)

Manuscript Reviewer for the Following Journals:

- ❖ Science of the Total Environment
- ❖ Water
- ❖ Journal of Environmental Quality
- ❖ Frontiers Environmental Science
- ❖ International Journal of Environmental Research and Public Health
- ❖ Frontiers Microbiology
- ❖ Frontiers in Environmental Health
- ❖ Journal of Water and Health
- ❖ Environmental Science & Technology
- ❖ Water Research
- ❖ Marine Pollution Bulletin

Symposia Abstracts Reviewer:

- ❖ American Society for Microbiology 99<sup>th</sup> Southeastern Branch Meeting Student/Post Doc Research Presentation Judge (2013)

Student Fellowship Program Reviewer:

- ❖ The Association of Schools and Programs of Public Health (ASPPH), ASPPH/EPA Environmental Health Fellowship Program (2014-present)
- ❖ National Science Foundation Graduate Research Fellowship Program (GRFP) (2014-present)

Professional Society Memberships

- ❖ Georgia Public Health Association (2016-present)
- ❖ American Society for Microbiology, Southeastern Branch (2013-present)
- ❖ American Public Health Association (2013-present)
- ❖ The American Association for the Advancement of Science (AAAS) (2012-present)
- ❖ International Water Association (2008- present)
- ❖ American Society for Microbiology (2005- present)

**UNIVERSITY SERVICE**

- ❖ Sustainability Advisory Committee (2021-present)
- ❖ Faculty Research Committee Member (2020-2022)
- ❖ Wexford Campus Steering Committee Member (2020-present)
- ❖ Undergraduate Curriculum Committee Member (2020-2022)
- ❖ Office of Research Internal Evaluation Subcommittee Member (2020-2021)
- ❖ Institutional Biosafety Committee Member (Georgia Southern University, 2015-present)
- ❖ Faculty Senate Alternative (2017-2020)
- ❖ Graduate Committee Alternate (2017-2018)
- ❖ Faculty Grievance Committee Member (Georgia Southern University, 2013-2014, 2014-2015, 2016-2017)

**COLLEGE SERVICE**

- ❖ Faculty Awards Committee (2021-2023)
- ❖ JEDI Group Story Telling Committee (2022-2023)
- ❖ MPH Core Curriculum Committee (2020-2022)
- ❖ Inclusive Excellence Committee (2019-2023)
- ❖ Curriculum Committee (2019-2021)
- ❖ Undergraduate Program Committee Member (2014-2021)
- ❖ Assessment Committee, Environmental Health Sciences Representative (2013-2019)
- ❖ JPHCOPH Public Health Practice Advisory Board Meeting Environmental Health Sciences Representative (2017-2018)
- ❖ DrPH Exam Secondary Reviewer (Georgia Southern University, 2013, 2014, 2018)
- ❖ Online Core Course Development Committee (Georgia Southern University, 2014)

### **DEPARTMENT SERVICE**

- ❖ Environmental Health Sciences Ph.D. and M.Sc. program development committee (2023-present)
- ❖ Faculty Search Committee Member (Georgia Southern University, 2013, 2015, 2022)
- ❖ India Study Abroad Program Development Committee Member (Georgia Southern University, 2015-2016)
- ❖ SOPHAS reviewer (Georgia Southern University, 2013-present)
- ❖ Participation in student recruitment activities (2013-present)
  - College presentation in USC Beaufort Student Conference (Georgia Southern University, 2015)
  - Georgia Perimeter College visit (Georgia Southern University, 2015)
  - Participation in the Graduate Fair (Georgia Southern University, 2015)
  - Direct communication with prospective ENVH students (Georgia Southern University, 2014-present)

### **COMMUNITY BASED ORGANIZATIONS**

- ❖ Member of the Coastal Indicators Coalition, Quality of Life Workgroup (2023-present)
- ❖ Member of the Savannah Racial Equity and Leadership Taskforce (2022-present)
- ❖ Member of the Protect the Vernon Technical Committee (2021-present)

### **COMMUNITY OUTREACH ACTIVITIES**

- ❖ Featured in JPHCOPH Magazine (August 2022)
- ❖ Featured in GS Magazine (June 2022)
- ❖ Coastfest (2015-present)
- ❖ STEMfest (2014-present)
- ❖ Evans County CARES Foundation Award Ceremony and Community Meeting (September 2016-present)
- ❖ Evans County CARES Foundation Board Meeting (February 12, 2018)
- ❖ Featured in Georgia Southern Spotlight (2016)
- ❖ Ogeechee River Public Meeting, College of Sciences and Mathematics, invited speaker for presenting results from the Kings Ferry Beach Source Tracking study (September 20, 2016)
- ❖ Dodge County Household Water Quality Study Planning Meeting (February 10, 2016)
- ❖ Jekyll Island Authority Beach Water Quality Information Meeting (May 26, 2016)
- ❖ Ogeechee Riverkeeper Board Meeting (Presented results from Kings Ferry Beach Source Tracking study (May 3, 2016).
- ❖ What is in My Water? Kings Ferry Beach Water Quality Public Meeting, April 25, 2015, Savannah, GA. In collaboration with Ogeechee Riverkeeper
- ❖ Green Screen Festival; In collaboration with Jekyll Island Authority-(February 20, 2015)

### **HONORS AND AWARDS**

- ❖ Institute for Georgia Environmental Leadership Fellowship (2021-2023)
- ❖ USEPA Science Advisory Board Augmented Committee Member for Drinking Water Contaminant Candidate List V (2021-2022)
- ❖ Nominated for University Excellence in Research Award (2020; could not further compete in this as I was also elected to serve on this committee)
- ❖ JPHCOPH Faculty Award Recipient for Excellence in Scholarship (2020)
- ❖ Provost Fellow for Research (2019-2021)
- ❖ Nominated for DSAC Faculty Mentoring Award (2015)
- ❖ Nominated for Public Health Student Association Faculty Mentorship (2013)