

## **CURRICULUM VITAE**

**Name:** Kari Fitzmorris Brisolará

**Business Address:** Louisiana State University Health Sciences Center – New Orleans  
School of Public Health  
2020 Gravier Street, 3<sup>rd</sup> Floor, New Orleans, Louisiana 70112

**Business Telephone:** (504) 568-5725; Fax: (504) 568-5701

**Email:** [kbriso@lsuhsc.edu](mailto:kbriso@lsuhsc.edu)

### **Education:**

#### **Undergraduate**

BS, Louisiana College, 1997.

*Major:* Biology     *Supporting Areas of Emphasis:* Chemistry and Physics

#### **Graduate**

MSPH, Tulane University School of Public Health and Tropical Medicine, 2001.

*Major:* Environmental Health

Doctor of Science, Tulane University School of Public Health and Tropical Medicine, 2004.

*Major:* Environmental Health

*Dissertation Title:* Closed System Alkaline Biosolids Disinfection and the Development of Activated Carbon as a Value Added Product from Municipal and Poultry Wastes

Post-doctoral Fellowship, United States Department of Agriculture, Agriculture Research Service, 2004 – 2006.

#### **Certification**

Certified Qualified Environmental Professional. August 11, 2016. Certification No. 09-30-2021 Institute of Professional Environmental Practice.

### **Academic, Professional, and Research Appointments:**

#### **Academic**

(July 1, 2022 – Present) Full Professor of Environmental Health, Climate and Sustainability, Louisiana State University Health Sciences Center, School of Public Health

(September 19, 2018 - Present) Graduate Faculty, Louisiana State University Health Sciences Center, School of Graduate Studies

(September 1, 2018 - Present) Associate Dean for Academic Affairs, Louisiana State University Health Sciences Center, School of Public Health

(2011 - 2022) Associate Professor, Louisiana State University Health Sciences Center

(2006 - 2011) Assistant Professor, Georgia Southern University, Jiann-Ping Hsu College of Public Health

(2007 - 2009) Adjunct Assistant Professor, Tulane University, School of Public Health and Tropical Medicine

(2004 - 2006) Research Physical Scientist, United States Department of Agriculture, Agriculture Research Service, Southern Regional Research Center

(2001 - 2006) Research Assistant, Tulane University, School of Public Health and Tropical Medicine

(1998 - 2001) Human Resources Program Consultant, State of Louisiana

(1997) Natural Resources Volunteer, U.S. Peace Corps

### **Licensures and Certifications**

Institute of Professional Environmental Practice, Board for Global EHS Credentialing.  
(September 30, 2016 - December 31, 2023) Qualified Environmental Professional

### **Professional Memberships**

Louisiana Environmental Health Association, (March 2022 - Present).

Louisiana Water Environment Association, (2011 - Present).

Water Environment Federation, (2002 - Present).

Institute of Professional Environmental Practice, (August 11, 2016 - January 1, 2024).

American Water Works Association, International, (2014 - 2019).

International Association of Emergency Managers, International, (2014 - 2019).

North American Agromedicine Consortium, (2007 - 2015).

Georgia Environmental Health Association, (2008 - 2012).

Georgia Association of Water Professional, (2008 - 2011).

Georgia Public Health Association, (2007 - 2011).

### **Awards and Honors**

2024 Chancellor's LSU Health Excellence Awards, LSUHSC-NO. The 2024 Chancellor's LSU Health Excellence Awards, presented by the LSU Health Foundation. This award aims to honor those who significantly advance the vision and mission of our university.  
November 15, 2024

Service Award, Water Environment Federation. October 2023, October 2025

Who's Who in Health Sciences Higher Education. September 14, 2014

Water Environment Federation and LaWEA Service Award. April 18, 2013

Certificate of Appreciation, FEMA and Department of Homeland Security. September 30, 2012

Certificate of Appreciation for Meritorious Service, Georgia Environmental Health Association. July 13, 2011

Delta Omega, Public Health Honor Society, Tulane University School of Public Health and Tropical Medicine. Delta Omega, Public Health Honor Society, Inducted 2002 in Eta Chapter.

## **TEACHING EXPERIENCE AND RESPONSIBILITIES**

### **Courses 2024-2025**

PUBH 7410, section 1, Doctoral Teaching Practicum. 1.0 credit hours.

PUBH 6150, section 1, Foundations and Ethics in Public Health. 1.0 credit hours.

PUBH 6160, section 1, Public Health Program Development. 1.0 credit hours.

PUBH 6600, section 1, Culminating Experience. 3.0 credit hours.

ENHS 6250, section 1, Emergency Response to Disasters and Terrorism. 3.0 credit hours.

### **Teaching Awards and Honors**

Allen A. Copping Excellence in Teaching Award, LSUHSC SPH. May 19, 2019

## **RESEARCH AND SCHOLARSHIP**

### **Contracts, Fellowships, Grants and Sponsored Research**

#### ***Current Funding:***

“Louisiana State University Health-New Orleans Scholarships for Public Health Education, outReach, and Equity (LSU SPHERE).” [Kari Brisolara (PI)] HRSA Award No. 1 T52HP46765-01-00. \$1,165,911. 8/18/2022

“A healthier Louisiana population with a workforce addressing the structural and emergent issues affecting public health.” Brisolara, K.F. (PI) Katner, A. (Co-PI), Ferguson, T. (Co-PI), Yu, Q. (Co-PI), Williams, D. (Co-PI), Trapido, E. (Co-PI), Chiu Y., Tseng, T. LEQSF (2024-29)-ENH-DE-04 \$800,288.

#### ***Under Review:***

Brisolara, K.F. (Co-Investigator) “Tropicalization of the Temperate Gulf Coast: Cascading Impacts on Human Health and Wellbeing.” Burroughs Wellcome Fund, Climate Change Health Excellence (CHEX) Centers. Submitted 12/4/2025 PI: Keim (\$999,0198)

NASEM Environmental Literacy Grant “Community-engaged research and training to support climate-vulnerable communities in addressing air and drinking water contamination”. Submitted 5/21/2025. PI: Katner (\$749,986)

Brisolara, K.F. (PI) “Program Management for the Lead Line Replacement Program.” New Orleans Sewerage and Water Board with CDM Smith; Solicitation # 2024-SWB-105, \$59,091.46 (Submitted 12/3/2024; Resubmitted 12/2025)

### **Not Funded:**

Brisolara, K.F. (PI) "PHOENIX (Program for Health Professionals: One Health, Epidemics, Networks, Investigations & X (eXpertise))." Submitted to HRSA, HRSA-24-121 (Submitted 8/2/2024) (\$2,360,348).

Brisolara, K.F. (Co-PI) "Sweet Solutions: Manufacturing Sugarcane Waste Creates Jobs in Rural Louisiana." Environmental and Climate Justice Community Change Grants Program EPA-R-OEJECR-OCS-23-04. \$2,948,950 (Submitted 11/20/2024)

### **Recently Completed Funding:**

"Claiborne Reborn: "Inpowering" Tremé through a Multi-Generational Campaign of Citizen Science, Cultural Preservation, and Deliberative Community Engagement to Redress Interstate-10 Inequities." [Adrienne Katner (PI), **Kari Brisolara** (Co-PI), Edward Trapido (Co-PI) USEPA EPA-OAR-OAQPS-22-01. \$498,480. 11/1/2023 – 10/31/2025] will continue the community capacity building work with the Claiborne Avenue Alliance and hopefully improve the health of those communities along the I-10 corridor.

**Brisolara, Kari Fitzmorris** (PI), Margaret Reams (Co-PI), Stephania Cormier (Co-PI), Adrienne Katner (Investigator), Daniel Harrington (Investigator) "Interprofessional Approach to Developing a Diverse Workforce Ready to Address Emerging Technologies in Occupational Health and Safety" NIEHS RFA-ES-15-014. \$399,300. (January 2017 – December 2021).

Katner, Adrienne (PI), **Brisolara, Kari Fitzmorris** (PI) "Empowering Communities to Make Informed Decisions to Reduce Childhood Exposures to Toxic Chemicals in Indoor Environments" USEPA RFA EPA-EE16-01. \$117,293. (October 2016 – September 2018).

**Brisolara, Kari Fitzmorris** (PI), James Diaz (Co-PI), Daniel Harrington, (Co-Investigator), Chihyang Hu (Co-Investigator), Adrienne Katner (Co-Investigator), "LSU-LSU Health Sciences Center Partnership for Undergraduate, Graduate, and Postdoctoral Mentored, Environmental Health Sciences Research Opportunities with EPA Scientists," Sponsored by USEPA under EPA-G2015-ORD-C1 Cooperative Training Partnership in Environmental Health Sciences Research, \$596,104. (January 2016 – January 2019).

### **Research Awards and Honors**

Performance Award, United States Department of Agriculture. January 1, 2006

Performance Award, United States Department of Agriculture. January 1, 2005

### **Publications**

#### **Book Chapters**

1. Maal-Bared, R., **Brisolara, K.**, Palanisamy, K., Perriatt, L., Rubin, A., Watson, R. (2023). Chapter 1: What Are Infectious Disease Outbreaks? *Water Professionals Guide to Infectious Disease Outbreaks*. Alexandria, VA: Water Environment Federation.
2. **Brisolara, K.**, Block, P., Gerba, C., Reimers, R., Reina, J., Shmia, S., Swift, J., Xu, Y. (2023). Chapter 3: Current State of the Knowledge on Treatment Efficacy. *Water Professionals Guide to Infectious Disease Outbreaks*. Alexandria, VA: Water Environment Federation.
3. Dunifon, S., **Brisolara, K.**, Loudon, J., Mehrotra, A., Nayak, B., Perriatt, L., Ramamurthy, A., Watson, R. (2023). Chapter 8: Looking Forward: Opportunities for the

Water Sector and Its Workforce. *Water Professionals Guide to Infectious Disease Outbreaks*. Alexandria, VA: Water Environment Federation,.

4. **Brisolara, K.**, Saranya, K., Watson, R. (2022). Chapter 9: Management of Solids. *Wastewater Treatment Fundamentals: Book 3—Advanced Treatment*. Water Environment Federation and Association of Boards of Certification.
5. Reimers, R., Xu, Y., Pillai, S., **Brisolara, K.** (2022). Chapter 9: Application of E-beam Irradiation to Enhance Class B Disinfection Biosolids Processes to Class A Disinfection Treatment to Produce Value-Added Products. *Ionizing Radiation Technologies: Managing and Extracting Value from Wastes*. Wiley Blackwell.
6. **Brisolara, K.**, Boudeman, L., Ochoa, H., McDaniel, L., Rubin, A. (2018). Chapter 25 – Use and Disposal of Residuals and Biosolids. *Design of Water Resource Recovery Facilities* (6th ed., pp. 2149-2196). Alexandria, VA: WEF Press.
7. **Brisolara, K.**, Pedersen, T., Gruenfeld, R. J., Lawson, T., Matta, I. (2013). Chapter 1 – Introduction. *Emergency Planning, Response, and Recovery* (pp. 1-30). Alexandria, VA: WEF Press.
8. Smith, J. E., Barker, M., **Brisolara, K. F.**, Douth, T., Francis, H., Kester, G., Logan, T., Minsky, C., Oerke, D. W., Vidrine, J. K. (2012) Alkaline Treatment. In Solids Process Design and Management. WEF Press. June 1, 2012. ISBN 13: 9780071780957, ISBN 10: 0071780955.
9. Smith, J. E., Naylor, L., Acquisto, B., **Brisolara, K. F.**, Cox, A., Farrell, J. B., Francis, H., Gould, B., Meckes, M. C., Mussari, F. P., Pillai, S. D., Wenger, S. (2012) Disinfection and Stabilization Considerations. In Solids Process Design and Management. WEF Press. June 1, 2012. ISBN 13: 9780071780957, ISBN 10: 0071780955.
10. **Brisolara, K. F.**, Xu, Y., Reimers, R. S., Smith, J. E. (2012) Assessment of Municipal and Agricultural Waste Residuals. In Robert Friis (Ed.), *Praeger Handbook of Environmental Health*. April 30, 2012. ISBN-10: 0313386005, ISBN-13: 978-0313386008
11. Murthy, S., Schafer, P., **Fitzmorris, K. B.** (2009). Chapter 25: Stabilization. *Design of Municipal Wastewater Treatment Plants (MOP 8)* (ed., vol. 3, pp. 25-1). Alexandria, VA: McGraw Hill.
12. Reimers, R. S., **Fitzmorris, K. B.** (2009). Chapter 25. The Advent of Value-Added Products from Manure and Municipal Biosolids. *Manure Pathogens: Management, Regulations, and Water Quality Protection*. WEF Press and McGraw Hill.

### **Journal Articles**

1. **Brisolara, K.** (2025) Preparing for a More Public Health-Aware Practice of Medicine in Response to COVID-19. Under Review, *Journal of Clinical Cardiology*
2. Maal-Bared, R., **Brisolara, K.**, Knight, M., Mansfeldt, C. (2023). To sample or not to sample: A governance-focused decision tree for wastewater service providers considering participation in wastewater-based epidemiology (WBE) in support of public health programs. *Science of The Total Environment*, 905, 167128. <http://dx.doi.org/10.1016/j.scitotenv.2023.167128>
3. Gilliland, A., Peluso, V., Leyton-High, C., Straif-Bourgeois, S. C., **Brisolara, K.**, Pierce, G., Piper, K., Katner, A. L. (2023). Factors Impacting Adoption of and Experience with

Point-of-Use Activated Carbon Faucet Mount Water Filters. *JLPHA*, 3, 38-53. 2020  
Gravier Street, 3rd Floor

4. Maal-Bared, R., Gerba, C., Bibby, K., Munakata, N., Mehrotra, A., **Brisolara, K.**, Haas, C., Gary, L., Nayak, B., Swift, J., Sherchan, S., Casson, L., Olabode, L., Rubin, A., Reimers, R., Sobsey, M. (2022). The Current Multi-Country Monkeypox Outbreak: what water professionals should know. *ACS ES&T Water*, 2(10), 1628-1638.  
<https://doi.org/10.1021/acsestwater.2c00287>
5. **Brisolara, K.**, Maal-Bared, R., Worley-Morse, T., Danley-Thomson, A., Sobsey, M. (2022). Monitoring coliphages to reduce waterborne infectious disease transmission in the One Water framework. *International Journal of Hygiene and Environmental Health*, 240, 113921. <https://www.sciencedirect.com/science/article/pii/S1438463922000049>
6. Gunaldo, T.G., **Brisolara, K.F.**, Gasparini, S., Mercante, D., Rosenbaum, C., Alving-Trinh (2022) "Interprofessional education perceptions: Reliability of longitudinal retrospective pre-test design scores." *Health, Interprofessional Practice and Education*, 4(3), eP2212; DOI: 10.7710/2641-1148.2212
7. Gilliland, A. E., Pieper, K. J., Straif-Bourgeois, S., Rhoads, W. J., Dai, D., Edwards, M., **Brisolara, K.**, Olexia, D., Katner, A. (2021). Evaluation of Preparedness and Recovery Needs of Private Well Users After the Great Louisiana Flood of 2016. *Journal of Public Health Management and Practice*, 27(6), 577-587.  
<http://dx.doi.org/10.1097/phh.0000000000001157>
8. **Brisolara, K.**, Smith, D. G. (2021). Preparing for a More Public Health-Aware Practice of Medicine in Response to COVID-19. *Journal of Clinical Cardiology*, 2(3).  
<https://www.scientificarchives.com/article/preparing-for-a-more-public-health-aware-practice-of-medicine-in-response-to-covid-19>
9. **Brisolara, K. F.** (2021). A Seat at the Table: Interprofessional Education and Public Health. *Journal of the Louisiana Public Health Association*, 2(1).
10. Gunaldo, T., Augustus-Wallace, A., **Brisolara, K.**, Hicks, M. N., Mercante, D., Synco, T., Zorek, J. A., Schilling, D. (2021). Improving stereotypes: The impact of interprofessional education in pre-health students. *Journal of Interprofessional Care*, 35(5), 794--798.  
<https://doi.org/10.1080/13561820.2020.1806218>
11. **Brisolara, K.**, Maal-Bared, R., Sobsey, M. D., Reimers, R. S., Rubin, A., Bastian, R. K., Gerba, C., Smith, J. E., Bibby, K., Kester, G., Brown, S. (2021). Assessing and managing SARS-CoV-2 occupational health risk to workers handling residuals and biosolids. *Science of The Total Environment*, 774, 145732.  
<https://www.sciencedirect.com/science/article/pii/S0048969721007993>
12. Gunaldo, T. P., Mason, M., Harrison-Bernard, L., Davis, A. H., Andrieu, S., Brisolara, K., Brown, A. M., Goumas, A., Kreko, A., Roi, C., Sanne, S., Wall, L. A., Yue, X., Zamjahn, J. B., Patrick-Esteve, J. (2021). Qualitative analysis of pre-licensure student perceptions of ingroup professional stereotypes. *Journal of Interprofessional Education & Practice*, 23, 100413. <http://dx.doi.org/10.1016/j.xjep.2020.100413>
13. Maal-Bared, R., Sobsey, M., Bibby, K., Sherchan, S., Brisolara, K., Munakata, N., Gerba, C., Schaefer, S., Swift, J., Gary, L., Babatola, A., Bastian, R., Olabode, L., Reimers, R., Rubin, A., Kester, G., Casson, L. (2020). Letter to the Editor regarding

- Mathavarajah et al. (2020) Pandemic danger to the deep: The risk of marine mammals contracting SARS-CoV-2 from wastewater. *Science of the Total Environment*.
14. Diaz, J., Brisolara, K., Harrington, D. J., Hu, C.-y., Katner, A. L. (2020). The Environmental Health Impact of Hurricane Katrina on New Orleans. *American Journal of Public Health, 110*(10), 1480-1484.
  15. Brisolara, K., Gentile, B., Puszykowski, K., Bourgeois, J. (2020). Residuals, sludge, and biosolids: Advancements in the field. *Water Environment Research, 92*(10). <http://dx.doi.org/10.1002/wer.1402>
  16. Brisolara, K., Smith, D. G. (2020). Preparing Students for a More Public Health–Aware Market in Response to COVID-19. *Preventing Chronic Disease, 17*. <http://dx.doi.org/10.5888/pcd17.200251>
  17. Maal-Bared, R., Bastian, R., Bibby, K., Brisolara, K., Gary, L., Gerba, C., Olabode, L., Munakata, N., Reimers, R., Rubin, A., Schaefer, S., Sherchan, S., Swift, J. (2020) The Water Professionals Guide to COVID-19. *Water Environment Technology, 32*(4), 26-35.
  18. Gilliland, A., Pieper, K., Straif-Bourgeois, S., Rhoads, W., Dai, D., Edwards, M., Brisolara, K., Olexia, D., Katner, A. (2020) Evaluation of Preparedness and Recovery Needs of Private Well Users after the Great Louisiana Flood of 2016. *J. Public Health Management Practice*. April 17, 2020 doi: 10.1097/PHH.0000000000001157.
  19. Maal-Bared, R., Bibby, K., Brisolara, K., Gary, L., Reimers, R., Schaefer, S., Swift, J. (2020). Lessons from the Ebola outbreak: How the water sector can transition from panic to preparedness. *Water Environment Technology, 32*(1), 38-45.
  20. Brisolara, K., Culbertson, R., Levitzky, E., Mercante, D., Smith, D. G., Gunaldo, T. P. (2019). Supporting Health System Transformation: The development of an integrated interprofessional curriculum inclusive of public health students. *J Health Adm Educ, 36*(1), 111-121.
  21. Brisolara, K., Gasparini, S., Davis, A. H., Sanne, S., Andrieu, S. C., James, J., Mercante, D., De Carvalho, R. B., Gunaldo, T. P. (2018). Supporting health system transformation through an interprofessional education experience focused on population health. *J Interprof Care. 33*(1), 125-128.
  22. Gunaldo, T., **Brisolara, K.**, Davis, A. H., Moore, R. (2017). Aligning interprofessional education collaborative sub-competencies to a progression of learning. *Journal of Interprofessional Care, 31*(3), 394--396. <https://doi.org/10.1080/13561820.2017.1285273>
  23. **Brisolara, K.F.** (2017) Biosolids, Phosphorus and Water Quality: Linkages and Solutions. *Influents WEAO, 12* (Fall), 26-29.
  24. **Brisolara, K. F.**, Qi, Y., Baldassari, M., Bourgeois, M. (2017) Biosolids and Sludge Management. *Water Environment Research, 89*(10), 1245-1267.
  25. **Brisolara, K. F.**, Lima, I. M., Marshall, W. E. (2014). Cation and Anion Release from Broiler Litter and Cake Activated Carbons and the role of Released Anions in Copper Ion Uptake. *Waste and Biomass Valorization, 5*(4), 689-697.
  26. **Brisolara, K. F.**, Qi, Y. (2013) Biosolids and Sludge Management. *Water Environment Research, 85*(10), 1283-1297.

27. **Brisolara, K.F.**, Reimers, R.S., Whitworth, R.E., Hutcheson, M.J. (2012) Impact of Treatment Temperature Decline on Stability of Advanced Alkaline Biosolids. *International Journal of Environmental Research*, 6(4), 925-932.
28. **Fitzmorris, K. B.**, Sarmiento, F., O'Callaghan, P. (2009). Biosolids and Sludge Management. *Water Environment Research*, 81(10), 1376-1393.
29. Zhou, J., **Fitzmorris, K. B.**, Qi, Y. (2008). Biosolids and Sludge Management. *Water Environment Research*, 80(10), 1241-1261.
30. **Fitzmorris, K. B.**, Reimers, R. S., Oleszkiewicz, J. A., Little, M. D. (2007). Decrease of time for pathogen inactivation in alkaline disinfection systems using pressure. *Water Environment Research*, 79(4), 388-395.
31. **Fitzmorris, K. B.**, Erdal, Z. (2007). The Importance of Sustainability in Biosolids Management. *Water Practice*, 1(4), 1-2.
32. **Fitzmorris, K. B.**, Reimers, R. S., Oleszkiewicz, J. A., Little, M. D. (2007). Pathogen Inactivation by a Closed Alkaline System. *Biosolids Technical Bulletin*, 12(2), 9-11.
33. **Fitzmorris, K. B.**, Lima, I. M., Marshall, W. E., Reimers, R. S. (2006). Anion and Cation Leaching or Desorption from Activated Carbons from Municipal Sludge and Poultry Manure as Effected by pH. *Water Environment Research*, 78(12), 2324-2329.
34. **Fitzmorris, K. B.**, Lima, I. M., Marshall, W. E., Reimers, R. S. (2006). Anion and Cation Removal from Solution Using Activated Carbons from Municipal Sludge and Poultry Manure. *Journal of Residuals Science and Technology*, 3(3), 161-167.
35. Reimers, R. S., Sharma, V., Pillai, S., Reinhart, D. R., Boyd, G. R., **Fitzmorris, K. B.** (2005). The Future is Ferrates. *Biosolids Technical Bulletin*, 10(6), 1-4.
36. Reimers, R. S., **Fitzmorris, K. B.**, Smith, J. E., Boyd, G. R., Bowman, D. D. (2004). State of the Art in Treatment and Survival of Pathogens in Biosolids. *Journal of Residuals Science and Technology*, 1(2).

### **Technical Reports**

1. Poliovirus WEF report: One-page guidance document on Poliovirus surveillance in wastewater; <https://www.wef.org/globalassets/assets-wef/2-resources/topics/o-z/wastewater-treatment/wef-poliovirus-wastewater-surveillance-guidance---final---092722.pdf>
2. Maal-Bared, R., Sobsey, M., Bibby, K., Sherchan, S., **Brisolara, K.**, Munakata, N., Gerba, C., Schaefer, S., Swift, J., Gary, L., Babatola, A., Bastian, R., Olabode, L., Reimers, R., Rubin, A., Kester, G., Casson, L. (2021) Letter to the Editor regarding Mathavarajah et al. (2020) Pandemic danger to the deep: The risk of marine mammals contracting SARS-CoV-2 from wastewater. *Science of the Total Environment*, DOI: <https://doi.org/10.1016/j.scitotenv.2020.144855>
3. **Brisolara, K.**, Maal-Bared, R., Reimers, R., Rubin, A., Sobsey, M., Bastian, R., Gerba, C., Smith, J., Bibby, K., Kester, G., Brown, S. (2020) Residuals and Biosolids Issues Concerning COVID-19 Virus. WSEC-2020-TR-001 <https://wef.org/globalassets/assets-wef/news-hub/wef-news/residuals-and-biosolids-issues-concerning-covid-19-virus-wsec-2020-tr-001.pdf>

4. Maal-Bared, R., Munakata, N., Bibby, K., **Brisolara, K.**, Gerba, C., Sobsey, M., Schaefer, S., Swift, J., Gary, L., Sherchan, S., Babatola, A., Olabode, L., Reimers, R., Bastian, R., Rubin, A. (2020) Coronavirus and Water Systems. WSEC-2020-TR-002 <https://wef.org/globalassets/assets-wef/news-hub/wef-news/coronavirus-and-water-systems-wsec-2020-tr-002.pdf>
5. Maal-Bared, R., Munakata, N., Bibby, K., **Brisolara, K.**, Gerba, C., Sobsey, M., Schaefer, S., Swift, J., Gary, L., Sherchan, S., Babatola, A., Olabode, L., Reimers, R., Bastian, R., Rubin, A. (2020) The Water Professional's Guide to COVID-19. Water Environment Federation. <https://wef.org/news-hub/wef-news/the-water-professionals-guide-to-the-2019-novel-coronavirus/>
6. LeCompte, E., Stallard, C., Walsh, I., Katner, A., **Brisolara, K.** (2019) *Traffic-Related Pollutants and Human Health Within the I-10 Claiborne Corridor, New Orleans, LA: Land Use Implications*. Report presented to the Claiborne Avenue Alliance and the American Geophysical Union's Thriving Earth Exchange Program. (April 4).
7. Reimers, R., **Fitzmorris-Brisolara, K.**, Gary, L., Seidl, G., Tanneru, C., Englande, A., Fleetwood, P. (2015) *Sustainable Resource Management Program for Fecal Sludge and Wastewater Reuse for Non-centralized Facilities in Panama*. Strategic Management Services report to Government and Agencies in Panama.
8. **Fitzmorris-Brisolara, K.**, Reimers, R. (2014) *Residuals: Waste Conversion and Public Health Protection*. Submitted to National Science Foundation.
9. Reimers, R., **Fitzmorris-Brisolara, K.**, Gary, L., Seidl, G., Tanneru, C., Englande, A., Fleetwood, P. (2014) *Sustainable Resource Management Program for Fecal Sludge and Wastewater Reuse for Non-centralized Facilities in Egypt and Saudi Arabia*. Headworks report to Government and Agencies in Egypt.
10. **Fitzmorris-Brisolara, K.** et al. (2014) *Risks and Benefits of Tertiary Sewage Effluent as Drinking Water for Livestock in California*. Expert Panel Opinion Paper submitted to the legislature of the State of California.
11. Reimers, R. S., Sandberg, M. A., **Brisolara, K. F.** (2014) *Technical Background Document: Biosolids Exposure and Hazard Assessment*, Submitted to USEPA via Versar.
12. Sustainable Residuals Use Task Force. , Davis, B. (Chair), **Brisolara, K. F.** (member) (2014) *Phosphorus in Biosolids: How to Protect Water Quality While Advancing Biosolids Use*, Submitted to Water Environment Federation.
13. **Brisolara, K. F.**, Reimers, R. S. (2011) *Full Application for Equivalency Recommendation: Schwing BioSet*. Submitted to USEPA, Pathogen Equivalency Committee.
14. **Fitzmorris, K. B.**, Hutcheson, M. J., Whitworth, R. (2009) *Report on the Stabilization of the Schwing BioSet Product*.
15. **Fitzmorris, K. B.** (2007) *For the Public Health: Ag Waste May Prove Good Energy Source* (pp. 1). Statesboro, GA: Statesboro Herald. <http://www.statesboroherald.com/news/archive/6361/>
16. **Fitzmorris, K. B.**, Reimers, R. S. (2007) *Disinfection Report for Dayton & Knight Ltd. on the Patented Process KDS Micronex Processor*.

17. Reimers, R. S., Little, M. D., **Fitzmorris, K. B.**, Salih, K. (2004) *PEC Application for the National Classification of the Bioset Process to the Category of PFRP*

### **Submitted**

Brisolara, K., Alving-Trinh, C., Davis, A., Edwards, S., Farrar, S., Gunaldo, T., Harrison-Bernard, L., Mercante, D., Middleton, J., Rosenbaum, C., Sanne, S., Gasparini, S. A Comparison of Traditional Versus Retrospective Evaluations in a Longitudinal Two-year Interprofessional Program for Early Learners. *Medial Science Educator*.

### **Media Contributions**

#### **Internet**

Brisolara, K., "Words On Water #212: Kari Brisolara on the Growing Collaboration with the Public Health Sector.," Water Environment Federation. (March 2, 2022).

Brisolara, K., "Words On Water #144: Kari Brisolara on the Science on Biosolids and Coronavirus.," Water Environment Federation. (May 13, 2020).

#### **Newspaper**

"Curbing brain drain: LSU Health New Orleans launches guaranteed admission in public health," Times Picayune. (September 2, 2024).

### **Conference Presentations**

1. **Brisolara, K.** (2025). *Understanding and mitigating microbiological exposures in reclaimed water reuse in cooling towers*. Presented at American Water Works Association.
2. **Brisolara, K. F.** (2024, October). *How Could EPA's 2023 Review of Recreational Water Quality Criteria Affect WRRFs?* Presented at Water Environment Federation.
3. **Brisolara, Kari F.** (2023) Pathogens and Indicator Update for 2023. Water Environment Federation Technical Conference (WEFTEC). Chicago, IL. October 3, 2023.
4. **Brisolara, Kari F.**; Maal-Bared, Rasha; Steeves, Helena, Schmidt, Jordan; Knight, Mark (2022) Beyond COVID: Wastewater Based Epidemiology (WBE) in Municipal and Industrial Systems. Water Environment Federation Technical Conference (WEFTEC). New Orleans, LA, October 10, 2022.
5. **Brisolara, K.**, Knight, M., Schmidt, J., Maal-Bared, R. "Beyond COVID: Wastewater Surveillance." Water Environment Federation Technical Conference. (October 18, 2021).
6. **Brisolara, K.**, Mercante, D., Gunaldo, T., Gasparini, S. "Reliability of Early Learners' IPE Perceptions Prior to IPE Exposure." National Center for Interprofessional Practice and Education Nexus Summit. (October 22, 2020).
7. **Brisolara, K.** "The Importance of Public Health in Small Community Systems." Water Environment Federation Technical Conference. (October 6, 2020).
8. **Brisolara, K.** "Impact of Climate Change and Water Scarcity on the Spread of Communicable Diseases." Water Environment Federation Technical Conference. (On Demand session, October 2020).

9. Gary, L., **Brisolara, K.**, Reimers, R., Diaz, J., Maal-Bared, R. "Emerging Protocols for Emergency Managers Facing Infectious Disease Outbreaks," Louisiana Emergency Management Conference, Lake Charles, Louisiana (May 6, 2020).
10. **Brisolara, K.** "Public Health Implications of Disinfection Technology." Water Environment Federation Technical Conference, Chicago, Illinois (September 24, 2019).
11. **Brisolara, K.**, Cormier, S., Reams, M. "Interprofessional Continuing Education Program in Occupational and Environmental Health." 2019 VPPPA Safety + Symposium, New Orleans, Louisiana. (August 30, 2019).
12. Brooks, A., **Brisolara, K. F.** "Redacted but not forgotten: Anti-vaccination debate via Facebook." PCAS/ACAS S15.8, New Orleans, Louisiana. (October 6, 2018).
13. Gary, L., Reimers, R., **Brisolara, K.** "Managing Chlorinated Water for Ebola Disinfection," Water Environment Federation, Disinfection and Reuse Symposium 2018, Portland, Oregon. (July 31, 2018).
14. Ginaldo, T., Davis, A., Andrieu, S., **Brisolara, K.**, Sanne, S. "Improving Immunization Rates in Louisiana: A Collaborative Approach Across the Health Industry," IPE Nexus Summit, Minneapolis, Minnesota. (July 30, 2018).
15. Gary, L., Reimers, R., **Brisolara, K.** "EXPERIENCE WITH EBOLA VIRUS IN WEST AFRICA: What Is Next with Other Pathogens? Focus on WASH Operations," Water Environment Federation Technical Conference, New Orleans, Louisiana (September 27, 2016).
16. **Fitzmorris-Brisolara, K.**, Reimers, R., Smith, J., Rubin, A., Parry, D., Donovan, J., Faschan, A., Wanstrom, C., Zappi, P. Water Environment Federation Residuals and Biosolids Conference, "Management Protocols for Development of Value-Added Products," WEF, Milwaukee, Wisconsin. (April 5, 2016).
17. Gary, L., Reimers, R., **Brisolara, K.** National Evacuation Conference, "Biothreats with Evacuations," RES/CON, New Orleans, Louisiana (March 1, 2016).
18. **Fitzmorris-Brisolara, K.** Water Environment Federation Technical Conference 2015, "New Developments in Indicator Organisms," WEF, Chicago, Illinois. (September 27, 2015).
19. **Fitzmorris-Brisolara, K.** (Workshop Chair) Water Environment Federation Technical Conference 2015, "Fate, Indicators, and Assays: New Developments in Pathogens." Water Environment Federation, Chicago, Illinois. (September 27, 2015).
20. Gary, L., Reimers, R., **Brisolara, K.** Water Environment Federation Technical Conference 2015, "Operational Infectious Control for Ebola in Developing Countries." Water Environment Federation, Chicago, Illinois. (September 29, 2015).
21. Reimers, R., **Fitzmorris-Brisolara, K.**, Casson, L., Oleszkiewicz, J., Englande, A., Krishnapura, K. Water Environment Federation Specialty Conference on Water and Energy, "Advances in Biosolids Processes for Resource Recovery," WEF, Washington D.C. (June, 2015).
22. **Fitzmorris-Brisolara, K.** Mid-South Occupational and Environmental Medicine Annual Education and Business Conference, "Professional Education and Self-Preparedness for Public Health Disaster Response." MSOEMA, New Orleans, Louisiana. (March 14, 2015).

23. Reimers, R., Gary, L., **Fitzmorris-Brisolara, K.** International Studies Association 56th Annual Convention, "Social Entrepreneurship via Treatment of Human Waste." ISA, New Orleans, Louisiana. (February 18, 2015).
24. **Fitzmorris-Brisolara, K.** (Moderator/Co-Organizer) Water Environment Federation, "How We "See" Pathogens: Using Better Indicators to Detect Pathogen Presence." WEF, RBC, Sustainable Residuals Use Committee, Webinar. (November 12, 2014).
25. **Fitzmorris-Brisolara, K.** (Workshop Chair) Water Environment Federation Technical Conference 2014, "Thermo-chemical Conversion of Residuals and Biosolids into Value-added Products and Energy." Water Environment Federation, New Orleans, Louisiana. (October 1, 2014).
26. **Fitzmorris-Brisolara, K.** Water Environment Federation Technical Conference 2014, "Activated Carbons from Waste Sources." Water Environment Federation, New Orleans, Louisiana. (October 1, 2014).
27. Reimers, R.S., Gary, L.P., **Fitzmorris-Brisolara, K.B.**, Englande, A.J., Fleetwood, P.G. Water Environment Federation Technical Conference 2014, "Assessment of the Effectiveness of Tropical Lagoon Treatment for the Converting of Domestic Septage into a Value-Added Product." Water Environment Federation, New Orleans, Louisiana. (September 30, 2014).
28. **Fitzmorris-Brisolara, K.**, Yue, X., Reimers, R.S., WEF Workshop on Status of Wetlands Restoration through Wastewater Reuse and Residuals Application 2014, "Wetlands Restoration through Incinerator Ash and Biosolids Application." Water Environment Federation, New Orleans, Louisiana. (September 28, 2014).
29. Reimers, R. S., **Fitzmorris-Brisolara, K.**, Logan, T., Xu, Y. International Workshop on Agricultural Coal Ash Uses, "Utilization of Alkaline Coal Ash in the Treatment of Municipal Sludge – Producing Agricultural Soil Amender." WACAU-2014, Bet Dagan, Israel (May 27, 2014).
30. **Fitzmorris-Brisolara, K.**, Reimers, R. S., Water Environment Federation Technical Conference 2013, "Developments in Disinfection Using Advanced Alkaline Stabilization." Water Environment Federation, Chicago, Illinois. (October 8, 2013).
31. **Fitzmorris-Brisolara, K.** (Workshop Chair) Water Environment Federation Technical Conference 2013, "Pathogens for the 21st Century: Assays, Indicators and Fate." Water Environment Federation, Chicago, Illinois. (October 5, 2013).
32. Reimers, R. S., Xu, Y., Oleszkiewicz, J. A., Pillai, S., **Fitzmorris-Brisolara, K. B.**, Seidl, G., International Conference on Holistic Sludge Management 2013, "Future Directions of Biosolids Management in the Second Decade of the 21st Century." International Water Association, Vasteras, Sweden. (May 7, 2013).
33. **Brisolara, K. F.**, Miles, D. M., Lima, I. M., From Waste to Worth: Spreading Science and Solutions, "Litter Generated Ammonia Captured by Activated Carbon Derived from Broiler Litter." Livestock and Poultry Environmental Learning Center, Denver, Colorado. (April 3, 2013).
34. Reimers, R. S., **Brisolara, K. F.**, Disinfection and Public Health 2013, "Developments in Disinfection Using Advanced Alkaline Stabilization." Water Environment Federation, Indianapolis, Indiana. (February 26, 2013).

35. Reimers, R. S., Xu, Y., Pillai, S., **Fitzmorris-Brisolara, K. B.**, Oleszkiewicz, J. A., Seidl, G., Disinfection and Public Health 2013, "Future Directions of Biosolids Management in the Second Decade of the 21st Century." Water Environment Federation, Indianapolis, Indiana. (February 26, 2013).
36. **Brisolara, K. F.**, Reimers, R. S., Water Environment Federation Technical Conference 2012, "Pathogen Inactivation and Equivalency Approval for Advanced Alkaline Process." Water Environment Federation, New Orleans, Louisiana. (October 3, 2012).
37. **Brisolara, K. F.**, Reimers, R.S., 2012 IWA Disinfection of Water, Wastewater and Biosolids Conference, "Potential Indicator Organisms for the Evaluation of Advanced Alkaline Systems," International Water Association, Mexico City, Mexico (Accepted, unable to attend, November 2012).
38. **Brisolara, K. F.**, Reimers, R.S., LWEA Annual Conference, "Biosolids Case Study on Navigating the USEPA Pathogen Equivalency Process," Louisiana Water Environment Association, New Orleans, Louisiana. (May 22, 2012).
39. **Brisolara, K. F.**, Residuals and Biosolids 2012, "Production of Activated Carbon from Manures and Municipal Sludge," Water Environment Federation, Raleigh, North Carolina. (March 25, 2012).
40. **Brisolara, K. F.** (Workshop Chair), Residuals and Biosolids 2012, "Value-Added Green Products from Biosolids and Manure – The Direction of the 21st Century," Water Environment Federation, Raleigh, North Carolina. (March 25, 2012).
41. **Brisolara, K.F.**, Mussari, F., Smith, J.E., Residuals and Biosolids 2011, "The Path to PFRP Approval - Two Case Studies: Alkaline and Acid," Water Environment Federation, Sacramento, California. (May 23, 2011).
42. **Brisolara, K.F.**, Reimers, R.S. Disinfection 2011, "Pathogen Inactivation in an Advanced Alkaline System," Water Environment Federation, Cincinnati, Ohio. (April 12, 2011)
43. **Brisolara, K.F.**, Reimers, R.S. (Workshop Co-Chair) Water Environment Federation Technical Conference, "Wastewater Disinfection: Efficiency and Effectiveness," New Orleans, Louisiana. (October 2, 2010)
44. **Brisolara, K.F.**, Reimers, R.S. (Workshop Speaker) Water Environment Federation Technical Conference, "Controlling Pathogens and Meeting Regulatory Requirements for Land Application of Biosolids," New Orleans, Louisiana. (October 3, 2010)
45. **Brisolara, K. F.**, Scott, A. J., Residuals and Biosolids 2010: Leveraging Biosolids in the Energy-Climate Era, "Barriers to Implementation of the 2008 Farm Bill Conservation Programs and their Implications in Manure Management," Water Environment Federation, Savannah, Georgia. (May 22, 2010).
46. **Fitzmorris, K. B.**, American Public Health Association 137th Annual Meeting & Exposition, "Emerging Pathogens: The Public Health Impact," American Public Health Association, Philadelphia, Pennsylvania. (November 11, 2009).
47. **Fitzmorris, K. B.**, Reimers, R. S., Pillai, S. D., Bowman, D. D., WEF Residuals and Biosolids Conference, "Physical, Chemical and Biological Agents Impacting Disinfection in Residuals," Water Environment Federation, Portland, Oregon. (May 4, 2009).

48. **Fitzmorris, K. B.**, Reimers, R. S., WEF Disinfection Conference, "Assessment of Indicator Organisms and Long-Term Stability in Advanced Alkaline Systems," Water Environment Federation, Atlanta, Georgia. (March 1, 2009).
49. Reimers, R.S., Acquisto, B.A., **Fitzmorris, K.B.**, Pillai, S.D., WEF Disinfection Conference, "Pertinent Factors Involving Disinfection and Stabilization of Municipal Biosolids," Water Environment Federation, Atlanta, Georgia. (March 1, 2009).
50. **Fitzmorris, K. B.** (Workshop Coordinator), Water Environment Federation Technical Conference, "Selecting a Class A Physical/Chemical Treatment for Biosolids," Water Environment Federation, Chicago, Illinois. (October 18, 2008).
51. **Fitzmorris, K. B.** (Workshop Coordinator), WEF Residual and Biosolids Conference, "Value-Added Products from Municipal, Agricultural and Industrial Waste Residuals," Water Environment Federation, Philadelphia, Pennsylvania. (March 30, 2008).
52. **Fitzmorris, K. B.**, Miles, D. M., Lima, I. M., International Symposium on Air Quality and Waste Management for Agriculture, "Efficacy of Activated Carbon from Broiler Litter in the Removal of Litter Generated Ammonia." American Society of Agricultural and Biological Engineers, Broomfield, Colorado CD-ROM. (September 16-19, 2007).
53. **Fitzmorris, K. B.**, GaPHA 78th Annual Meeting, "2007 Farm Bill and Agricultural Waste," Georgia Public Health Association, Savannah, Georgia. (September 5, 2007).
54. **Fitzmorris, K. B.**, Reimers, R. S., Pillai, S., Oleszkiewicz, J. A., Smith, J., Moving Forward Wastewater Biosolids Sustainability: Technical, Managerial, and Public Synergy, "Production of safe biosolids from agricultural and municipal residuals: emerging physical-chemical processes," International Water Association, Moncton, New Brunswick, Canada. (June 2007).
55. **Fitzmorris, K. B.**, Moore, M., Joint Residuals and Biosolids Management Conference, "The Impacts of the 2007 Farm Bill on Agriculture Waste Treatment," Water Environment Federation, Denver, Colorado. (April 17, 2007).
56. Reimers, R. S., **Fitzmorris, K. B.**, Pillai, S. D., Oleszkiewicz, J. A., Smith, J. E., Joint Residuals and Biosolids Management Conference, "Emerging Chemical Processes to produce Value-Added Products (VAPs) from Manure and Municipal Residuals," Water Environment Federation, Denver, Colorado. (April 17, 2007).
57. **Fitzmorris, K. B.**, Reimers, R. S., Oleszkiewicz, J. A., Little, M. D., WEFTEC, "Pathogen Inactivation by a Closed Alkaline System," Water Environment Federation, Dallas, Texas. (October 25, 2006).
58. **Fitzmorris, K. B.**, Lima, I. M., Marshall, W., 16th International Activated Carbon Conference, "The Effects of Acid Washing on Activated Carbon from Poultry Litter," IAC, Pittsburgh, Pennsylvania. (October 2005).
59. **Fitzmorris, K. B.**, Lima, I. M., Marshall, W. E., Reimers, R. S. Joint AWMA and WEF International Conference on Animal Agriculture and Processing: Managing Environmental Impacts. "Anion and Cation Removal from Solution using Activated Carbons from Municipal Sludge and Poultry Manure as Effected by pH." Air and Waste Management Association, St. Louis, Missouri. (August 31, 2005)
60. Pratt, L. S., Reimers, R. S., Jeng, H. W., Bowman, D. D., Oleszkiewicz, J. A., Meckes, M., **Fitzmorris, K. B.** Joint Residuals and Biosolids Management Conference,

"Development of Surrogate Indicators to Monitor Pathogens in Biosolids." Water Environment Federation, Nashville, Tennessee. (April 2005).

61. Reimers, R. S., Pillai, S. D., Bowman, D. D., **Fitzmorris, K. B.**, Pratt, L. S. WEF Disinfection, Sharing Disinfection Technologies: Water, Wastewater, and Biosolids, "Stressors Influencing Disinfection in Residuals." Water Environment Federation, Mesa, Arizona. (February 2005).
62. **Fitzmorris, K. B.** (Workshop Coordinator), WEFTEC, "Pathogen Concerns with Residuals Management," Water Environment Federation, New Orleans, Louisiana. (October 2, 2004).
63. **Fitzmorris, K. B.**, Arcemont, M., Reimers, R. S., Boston, R., WEFTEC, "Alkaline Processing by Closed System for Morgan City and Shreveport, Louisiana," Water Environment Federation, New Orleans, Louisiana. (October 2, 2004).
64. Reimers, R. S., **Fitzmorris, K. B.**, Salyer, H. R., Batherson, R. J., Murray, N. K., WEFTEC, "St. Tammany Parish Residuals Program." Water Environment Federation, New Orleans, Louisiana. (October 2, 2004).
65. **Fitzmorris, K. B.**, Reimers, R. S., Oleszkiewicz, J. A., Little, M. D., Residual and Biosolids Management Conference, "Advances in Disinfection in Closed Alkaline Systems," Water Environment Federation, Salt Lake City, Utah. (February 24, 2004).
66. **Fitzmorris, K. B.**, Reimers, R. S., Lima, I. M., Marshall, W. E. Innovative Uses of Biosolids and Animal Manure, "Quality and Cost Analysis of Value Added Products from Animal and Municipal Residuals." Water Environment Federation, Chicago, Illinois. (July 2, 2004).
67. **Fitzmorris, K. B.**, Animal Residuals Conference: Alternative Technologies, Approaches, and Biosecurity, "The Advent of Value-Added Products from Municipal and Agricultural Residuals," Water Environment Federation, Arlington, Virginia. (November 3, 2003).
68. Lima, I. M., Marshall, W. E., **Fitzmorris, K. B.**, Reimers, R. S., Residual and Biosolids Management Conference, "Poultry Biosolids as Granular Activated Carbons for Metal Ion Adsorption," Water Environment Federation, Baltimore, Maryland. (February 2003).
69. **Fitzmorris, K. B.**, Reimers, R. S., Oleszkiewicz, J. A., Shepherd, S., Residual and Biosolids Management Conference, "Developments in Stabilization and Disinfection in Alkaline Systems," Water Environment Federation, Baltimore, Maryland. (February 21, 2003).
70. **Fitzmorris, K. B.**, Reimers, R. S., Little, M. D., Bowman, D. D., Residuals and Biosolids Management Conference, "Advances in Alkaline Stabilization/ Disinfection of Municipal Biosolids," Water Environment Federation, Austin, Texas. (March 5, 2002).
71. Reimers, R. S., Smith, J. E., Bowman, D.D., **Fitzmorris, K. B.**, Specialty Conference on Disinfection – Health and Safety Achieving through Disinfectants, "Background of Biosolids Disinfection," Water Environment Federation, St. Petersburg, Florida. (February 19, 2002).

## Invited Presentations

1. **Brisolara, Kari F.**; Schaefer, Scott; Munakata, Naoko. (2022) Public Health in the Headlines. Water Environment Federation Technical Conference (WEFTEC). New Orleans, LA, October 11, 2022.
2. **Brisolara, K.** "Wastewater Based Epidemiology and Other COVID Updates." Mississippi Water Professionals Technical Conference. (November 4, 2021).
3. **Brisolara, K.**, Seward, T. "Public Health Application Review: A Peek Behind the Curtain." National Association of Advisors for the Health Professions. (October 5, 2020).
4. **Brisolara, K.** WEFTEC. "Knowledge Development Forum: Emerging Waterborne Infectious Diseases." Water Environment Federation. (October 5, 2020).
5. **Brisolara, K.** "Sustainable Sanitation Solutions for Mosquito Vector Control: Infrastructure and Public Health on a Global Scale." Global Health Symposium, Wilderness Medical Society, Midway, Utah. (August 4, 2018).
6. Gary, L., **Brisolara, K.**, Reimers, R. "Mitigating Impact of Evacuation Waste on Vital Water Sources." Louisiana Water Environment Association, 12<sup>th</sup> Annual Conference. (March 27, 2018).
7. **Brisolara, K.F.** "ÉCOLE: Emerging teChnologies in Occupational heaLth and the Environment." RTC/CEC Monthly Webinar, NIEHS, Superfund Research Program. (June 8, 2017).
8. **Brisolara, K.F.** "Be Better Prepared for Zika: Part 2.What are the Best Largescale Solutions? What about for the Poorest Nations at the Greatest Risks?" Symposium on Zika, Dengue, Chikungunya Fever Health Corps Haiti and WMS Global Health Committee, Co-sponsor The International Association for Medical Assistance for Travelers (IAMAT). Universite d'Etat d'Haiti, Campus Henri Christophe de Limonade Science de Sante. (May 7 – 8, 2017).
9. **Brisolara, K.F.** "Vector Control and Sanitation," 3rd Meeting of the Zika Health IT Task Force and State of Pernambuco, Tulane University School of Public Health and Tropical Medicine, New Orleans, Louisiana. (April 3, 2017).
10. **Brisolara, K.** "Environmental and Occupational Health Sciences," Lake Ponchartrain Basin Foundation Workshop, New Orleans, Louisiana (July 8, 2016).
11. Gary, L., **Brisolara, K.**, Reimers, R., Scharf, P., Verges, J., Fleetwood, P., Konde, N., Xu, Y. Louisiana Emergency Preparedness Association & GOHSEP Conference, "At the Center of the Ebola Network," LEPA/GOHSEP, Lake Charles, Louisiana. (May 4, 2016).
12. **Brisolara, K.F.** "Individual, Social, and Cultural Constraints to Evacuation," Lake Ponchartrain Basin Foundation, Pontchartrain-Maurepas Surge Consortium, Evacuation Workshop, Destrehan, Louisiana. (December 11, 2015).
13. Reimers, R.S., **Brisolara, K.F.**, Rubin, A.R., Donovan, J.F., Wanstrom, C., WEF Seminar on Addressing Disinfection Needs in the Chesapeake Bay Area, "Future Approaches to Disinfection of Waste Residuals," Water Environment Federation, Washington, D.C. (June 9, 2015).
14. Diaz, J., **Fitzmorris-Brisolara, K.**, Katner, A., Hendricks, M. International Disaster Conference and Expo, "IDCE 322: Superficial and Invasive Infections Following Hurricanes and Major Flooding Events." IDCE, New Orleans, Louisiana. (February 12, 2015).
15. **Brisolara, K. F.**, Georgia Board of Registered Environmental Health Professionals, "Educational Opportunities for Environmental Health Professionals," GBREHP, Macon, Georgia. (February 25, 2011).

16. **Brisolara, K. F.**, WEFTEC, "Should We Consider Alternative Indicators for Specific Treatments?," Water Environment Federation, New Orleans, Louisiana. (October 3, 2010).
17. **Fitzmorris, K. B.**, Moss, L., Georgia Association of Water Professionals 2010 Industrial Conference, "Legislative Updates on Animal and Municipal Residuals," Georgia Association of Water Professionals, Callaway Gardens, Georgia. (March 16, 2010).
18. **Fitzmorris, K. B.**, Charles, S. M., Southeast Health District - Environmental Health Meeting, "Environmental Health at JPHCOPH," SEHD, Douglas, Georgia. (April 23, 2009).
19. **Fitzmorris, K. B.**, Mercer Public Health Student Association, "Doctor of Public Health Program of JPHCOPH," Mercer University School of Medicine, Macon, Georgia. (January 28, 2009).
20. **Fitzmorris, K. B.**, Hardy, C. J., GEHA 2008 Annual Education Conference, "Environmental Health at JPHCOPH," Georgia Environmental Health Association, Jekyll Island, Georgia. (July 9, 2008).
21. Tedders, S. (Panelist & Moderator), Arroyo, C. (Panelist), **Fitzmorris, K. B.** (Panelist), Gunn, L. H. (Panelist), Hotchkiss, R. (Panelist), Scott, A. J. (Panelist), Annual Meeting of the Georgia Rural Health Association, "What is Public Health?," Georgia Rural Health Association, Athens, GA. (September 18, 2007).
22. **Fitzmorris, K. B.** (Moderator and Panelist), Joint Residuals and Biosolids Management Conference, "Agricultural Issues I," Water Environment Federation, Denver, Colorado. (April 17, 2007).
23. **Fitzmorris, K. B.**, Tedders, S., Environmental Training Workshop, "The Jiann-Ping Hsu College of Public Health," Southeast Health District, Hazelhurst, Georgia. (January 11, 2007).
24. **Fitzmorris, K. B.**, Skidaway Institute of Oceanography Seminar Series, "Agricultural and Municipal Waste – Concerns with Disinfection and Re-use," Skidaway Institute of Oceanography, Savannah, Georgia. (November 10, 2006).
25. **Fitzmorris, K. B.** (Panelist), Biosolids and Residuals Conference, "WEF/WERF Biosolids Management Options: Understanding the Benefits and Costs," Water Environment Federation, Dallas, Texas. (October 21, 2006).
26. **Fitzmorris, K. B.** (Workshop Presenter), Biosolids and Residuals Conference, "New Class A Processes and Regulatory Acceptance," Water Environment Federation, Cincinnati, Ohio. (March 12, 2006).
27. **Fitzmorris, K. B.** (Workshop Presenter), Reimers, R. S., Pratt, L. S., WEFTEC, "Treatment and Survival of Pathogens in Biosolids," Water Environment Federation, New Orleans, Louisiana. (October 2, 2004).
28. **Fitzmorris, K. B.**, Reimers, R. S., Lima, I. M., Marshall, W. E., Animal Residuals Conference: Innovative Uses of Biosolids and Animal Manure, "Quality and Cost Analysis of Value Added Products from Animal and Municipal Residuals," Water Environment Federation, Chicago, Illinois. (July 2, 2004).
29. **Fitzmorris, K. B.**, Workshop on Alkaline Treatment of Wastewater Solids, "The Bioset System," Water Environment Federation, Salt Lake City, Utah. (February 22, 2004).

30. **Fitzmorris, K. B.**, Animal Residuals Conference: Alternative Technologies, Approaches, and Biosecurity, "The Advent of Value-Added Products from Municipal and Agricultural Residuals," Water Environment Federation, Arlington, Virginia. (November 3, 2003).
31. Reimers, R. S. (Workshop Presenter), **Fitzmorris, K. B.**, Englande, A. J., Shea, T. G., Smith, P. M., Epstein, E., Workshop on Charting the Future Direction of Bioenergy Technologies, "Value-Added Products from Biosolids," Tulane University and Water Environment Federation, New Orleans, Louisiana. (August 15, 2003).
32. Reimers, R. S. (Workshop Presenter), **Fitzmorris, K. B.**, National Biosolids Issues Part 1: Pathogens and Stabilization, "Treatment and Survival of Pathogens in Biosolids," Water Environment Federation, Chicago, Illinois. (September 28, 2002).
33. Reimers, R. S. (Workshop Presenter), **Fitzmorris, K. B.**, Pre-Conference Workshop on Pathogens in Biosolids, "Emerging Pathogens, Inactivation Mechanisms and Future Directions," Water Environment Federation, Austin, Texas. (March 3, 2002).

### Scientific Posters

1. Katner, A. L., Edwards, M., Stelly, A., Brisolara, K., Williams, D., Trapido, E. J., Pieper, K. (2024, March). *Climate hazards faced by underserved communities and recommendations for fostering disaster resilience and environmental justice*. Presented at American Chemical Society.
2. **Brisolara, K.**, Cormier, S., Reams, M. 2020. ÉCOLE: Interprofessional Approach to Developing a Diverse Workforce Ready to Address Emerging Technologies in Occupational Health and Safety. NIEHS, SRP, Virtual Meeting. (December 14-15).
3. **Brisolara, K.**, Puszykowski, K., Cormier, S., Reams, M. 2019. Implementation of Interprofessional Education Methods for Address Emerging Technologies in Occupational Health and Safety. NIEHS, SRP, Seattle, Washington. (November 18-20).
4. Gilliland A, Pieper K, Straif-Bourgeois S, Rhoads WJ, Edwards M, **Brisolara K**, Katner A. 2019. Recommendations on improving access to safe water in domestic well-reliant communities after the Great Louisiana Flood of 2016. 12th Health Disparities Conference. New Orleans, LA (April 8-10).
5. Gilliland A, Pieper K, Straif-Bourgeois S, Rhoads WJ, Edwards M, **Brisolara K**, Katner A. 2019. Emergency preparedness and recovery lessons after the Great Louisiana Flood of 2016 among domestic well owners. 2019 Louisiana Water Conference. Baton Rouge, LA (April 15-16).
6. **Brisolara, K.**, Cormier, S., Reams, M. IPE Nexus Summit 2018, "Interprofessional Approach to Developing a Diverse Workforce Ready to Address Emerging Technologies in Occupational Health and Safety." IPE Nexus Summit, Minneapolis, Minnesota. (July 30, 2018).
7. **Brisolara, K.**, Cormier, S., Reams, M. NIEHS Superfund Research Program Annual Meeting 2017, "Interprofessional Approach to Developing a Diverse Workforce Ready to Address Emerging Technologies in Occupational Health and Safety." NIEHS, SRP, Philadelphia, Pennsylvania. (December 8, 2017).
8. **Fitzmorris-Brisolara, K.**, Lima, I., Rome, K. Water Quality Technical Conference 2014, "Quantification and Removal of Metals via Activated Carbons from Municipal and

Agricultural Waste." American Water Works Association, New Orleans, Louisiana. (November 17, 2014).

9. **Fitzmorris, K. B.**, Reimers, R. S., Pillai, S. D., Bowman, D. D., 73rd Annual Educational Conference and Exhibition, "Stressors Influencing the Survival of Pathogens in Biosolids," National Environmental Health Association, Atlanta, Georgia. (June 22, 2009).
10. Jackson, T. M., **Fitzmorris, K. B.**, Lima, I. M., Southeast Regional Collegiate Environmental Science and Health Symposium, "Ammonia Adsorption of Activated Carbon from Animal Residuals," EPA, ATSDR, CDC, Atlanta, Georgia. (November 14, 2007).
11. Keene, D., **Fitzmorris, K. B.**, Lima, I. M., Southeast Regional Collegiate Environmental Science and Health Symposium, "Copper Adsorption of Activated Carbon from Poultry Litter: Water quality improvements from an unconventional source," EPA, ATSDR, CDC, Atlanta, Georgia. (November 14, 2007).
12. Baker, L., **Fitzmorris, K. B.**, Lima, I. M., Southeast Regional Collegiate Environmental Science and Health Symposium, "Evaluation of the chemical composition of poultry manure and its suitability as a source for Activated Carbon," EPA, ATSDR, CDC, Atlanta, Georgia. (November 14, 2007).
13. Parrillo, A. V., Ledlow, G. R., Vogel, R. L., **Fitzmorris, K. B.**, Hardy, C. J., 135th Annual Meeting & Exposition, "Evidence-based decision-making : Assessment of student learning outcomes in public health education programs," American Public Health Association, Washington, DC. (November 5, 2007).

### **Research Review Committee**

NIH, NIEHS Council, Special Emphasis Panel/Scientific Review Group 2025/01 ZES1 LWJ-S (WT) Worker Education and Training U45 and UH4 Review November 2024.

NIH ZRG1 IVBH-G (55) - 2024/05 PAR-23-122: Research With Activities Related to Diversity (ReWARD) (R01 Clinical Trial Optional) Special Emphasis Panel (SEP), February 2024.

Served on USDA NIFA Grant Review A1712 Rapid Response to Extreme Weather Events Across Food and Agriculture Systems. December 2024.

NIH Grant Review Team, RFA-RM-21-025: NIH Faculty Institutional Recruitment for Sustainable Transformation (FIRST) Program: FIRST Cohort (U54 Clinical Trial Optional) November 2022.

Served on USDA NIFA Grant Review A1712 Rapid Response to Extreme Weather Events Across Food and Agriculture Systems. December 2022.

### **SERVICE ACTIVITIES**

#### **University/Institutional Service**

Committee Member, Center for Excellence & Innovation Steering Committee. (October 26, 2023 - Present).

Committee Member, Graduate Faculty Membership Committee. (October 25, 2023 - Present).

Committee Member, School of Graduate Studies Executive Steering Committee. (June 13, 2023 - Present).

Committee Member, LSUHSC-NO Academic Affairs Committee. (December 2022 - Present).

Committee Member, LSUHSC-NO Student Services Committee. (December 2022 - Present).

Committee Member, SACS-COC Steering Committee. (April 12, 2022 - Present).

Committee Member, SPH Engagement Committee. (July 1, 2015 - Present).

Committee Member, Evaluation Committee. (August 17, 2011 - Present).

Committee Member, Bachelor of Public Health Development Team, LSUHSC-SPH. (2014 - 2019).

Committee Member, Recruiting and Open House Committee. (2012 - 2019).

Chair, Evaluation Committee. (July 1, 2016 - September 1, 2018).

Chair, Appointments, Tenure and Promotions. (July 1, 2014 - June 30, 2016).

Senior Faculty Member Representative, Administrative Council. (July 1, 2012 - June 30, 2016).

Judge, LSUHSC SPH Delta Omega Research Day. (April 8, 2016 - Present).

Team Leader, Strategic Planning Team, LSUHSC-SPH. (December 18, 2014 - June 30, 2015).

Committee Member, Appointments, Tenure and Promotions. (July 1, 2012 - July 1, 2014).

Committee Member, Grievance Committee. (July 1, 2012 - June 30, 2014).

Committee Member, CEPH Instructional Section Committee. (August 9, 2011 - February 20, 2013).

Committee Member, CEPH Self Study Group. (August 9, 2011 - February 20, 2013).

Committee Member, Public Health Core Laboratory. (August 1, 2009 - June 30, 2011).

Committee Member, JPHCOPH Research. (August 29, 2007 - June 30, 2011).

Committee Member, Promotion and Tenure Committee. (August 2009 - December 2009).

Committee Member, Environmental Health Search Committee. (August 2008 - May 2009).

Student Recruiter, Mercer University PH Student Association. (January 28, 2009).

Faculty Advisor, Graduate Assistant Orientation. (August 14, 2008).

Chair, Environmental Health Search Committee. (August 1, 2006 - August 1, 2008).

Faculty Advisor, Public Health Student Association. (August 2007 - May 2008).

Faculty Advisor, Graduate Assistant Workshop. (October 12, 2007).

Committee Member, Student Handbook. (September 5, 2006 - May 1, 2007).

Committee Member, CEPH Accreditation. (August 30, 2006 - May 1, 2007).

Committee Member, Evidence Based Decision Making Group. (August 28, 2006 - May 1, 2007).

### **Administrative Responsibility**

Other, Faculty liaison for SPH to the Center for Interprofessional Education and Collaborative Practice (July 22, 2024 – July 1, 2025; August 1, 2015 – June 30, 2020)

Associate Dean, Academic Affairs (September 1, 2018 - Present).

Administrative Assignment, Bachelor of Public Health Development Team, LSUHSC-SPH. (December 9, 2014 – Present). Development of structure, curriculum and resource requirements for a new bachelor's degree in public health. (December 9, 2014 - September 1, 2018).

Administrative Assignment, Strategic Planning Team Leader, LSUHSC-SPH. (December 18, 2014 – June 30, 2015). Responsible for Education Committee; develop draft of education related goals and objectives for the SPH; also served on Faculty Development and IT sections (December 18, 2014 - June 30, 2015).

Administrative Assignment, CEPH Accreditation Core Team, LSUHSC-SPH. (August 9, 2011 – February 20, 2013). Data collection/collation for the CEPH Self Study including writing responsibility and data supporting the text; review each section of the self-study across all sections to resolve any inconsistencies; cowriter of Criterion 2.0 – Instructional Programs. (August 9, 2011 - February 20, 2013).

Administrative Assignment, CEPH Accreditation Core Team, GSU-JPHCOPH. (August 1, 2009 – June 30, 2011). Responsible for seven subcommittees devoted to writing the Criteria for the Self Study including data collection and analysis; review the entire document across all sections to resolve any inconsistencies. (August 1, 2009 - June 30, 2011).

Director, Administrative Assignment, Doctor of Public Health Program Director, GSU-JPHCOPH. (July 2008 – June 30, 2011). Responsible for implementing all policies and procedures of JPHCOPH, of the Graduate Committee and the College of Graduate Studies; also worked with the Academic Affairs leadership team and the Associate Dean to ensure that policies and procedures unique to the programs in the college are followed. (July 2008 - June 2011).

Departmental Representative, Discipline Liaison for Environmental Health, GSU-JPHCOPH. (August 1, 2007 - August 1, 2008). Primary function was to provide leadership in the delivery of academic programs and research and service activities within the Environmental Health discipline and to support achievement of the College's goals and objectives; advocate for the needs of the discipline to the College administration; promote collaboration across the college through open and respectful communication both within and outside of the discipline; management tasks included: curriculum assessment, advising, admissions, communication with and across the disciplines and organizing faculty or student meetings to address discipline-specific issues (August 1, 2007 - August 1, 2008).

Director, Administrative Assignment, Environmental Health Program Director, GSUJPHCOPH. (August 1, 2006 - August 1, 2007). Title change, same responsibilities as above "Discipline Liaison." (August 1, 2006 - August 1, 2007).

### **Professional Service**

Vice-Chair, Community Leadership Council, Water Environment Federation (October 1, 2025 – Present).

Committee Member, Board of Trustees, Diversity, Equity & Inclusion Committee. (October 17, 2024 – October 1, 2025).

Board of Directors, Water Environment Federation - Community Leadership Council. (August 4, 2023 – October 1, 2025).

Committee Member, Water Environment Federation - WEFTEC Program Committee. (October 2021 - Present).

Committee Member, Research and Innovation Committee. (October 5, 2013 - Present).

Committee Member, Disinfection and Public Health, Water Environment Federation. (March 25, 2013 - Present).

Committee Member, Academic Committee. (February 4, 2011 - Present).

Committee Member, WEF Community of Practice on Sustainability. (May 2008 - Present).

Committee Member, Residuals and Biosolids Committee. (March 2003 - Present).

Committee Chair, Disinfection and Public Health Committee, Water Environment Federation. (October 2021 - October 2023).

Board of Directors, Board of Global EHS Credentialing. (January 1, 2019 - July 2022).

Committee Member, National Preparedness Coalition. (September 6, 2012 - 2018).

Task Force Chair, Water Environment Federation. (March 15, 2010 - 2015).

Committee Member, Specialty Conference Planning Committee. (October 2007 - 2015).

Delegate-at-Large, Water Environment Federation. (October 2009 - October 2012).

Academic Advisory Committee, Institute of Professional Environmental Practice. (April 26, 2012).

Session Moderator, Water Environment Federation, Raleigh, NC. (March 27, 2012).

Board of Directors, Georgia Environmental Health, GA. (July 8, 2009 - August 1, 2011).

Committee Member, Migrant Health Clinic. (September 7, 2007 - June 30, 2011).

Session Chair, Water Environment Federation, Savannah, GA. (May 26, 2010).

Committee Member, Climate Change Workgroup. (January 2008 - January 2010).

Session Chair, American Public Health Association, Philadelphia, PA. (November 11, 2009).

Committee Chair, Agricultural and Industrial Sub-Committee. (August 23, 2006 - October 13, 2009).

Task Force Member, Farm Bill Task Force, Alexandria, VA. (September 6, 2006 - September 7, 2008).

Session Chair, American Chemical Society, New Orleans, LA. (April 9, 2008).

Committee Member, WEF 2008 Residuals and Biosolids Conference Steering Committee, Alexandria, VA. (March 2007 - March 2008).

## **Public Service**

Participant, Association of Women in Science. (July 18, 2016).

Northshore Community Foundation Water Symposium. (2013).

Project Coordinator, St. Christopher Catholic Church. (2009 - 2011).

Committee Member, Migrant Health Clinic. (2007 - 2011).

Continuing Education Courses for on-site Sewage. (2007 - 2011).

Guest Speaker, Candler County Health Department, Metter, GA. (December 1, 2008).

Guest Speaker, Bulloch County Health Department, Statesboro, GA. (September 18, 2008).

Committee Member, On-Site Sewage Continuing Education. (December 10, 2007 - May 1, 2008).

Interaction with Industry, Coastal Health District, Springfield, GA. (February 7, 2008).

Interaction with Industry, Bulloch County Environmental Health, Statesboro, GA. (July 18, 2007).

Guest Speaker, Rotary Club of Statesboro, Statesboro, GA. (April 2, 2007).

## **Service Awards and Honors**

### **Service, Professional**

Water Heroes Award, Water Environment Federation. The purpose of the Water Heroes program is to recognize individuals or municipalities who performed duties above and beyond the usual call of duty during an emergency situation to continue to protect the public and the environment. These duties shall elevate the status of the water sector industry. October 7, 2020

Delegate-at-Large Service Award 2009-2012. 2009

### **Service, University**

Faculty Service Award, Jiann-Ping Hsu College of Public Health. August 11, 2010