

## **CURRICULUM VITAE**

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**Citizenship:** U.S. citizen (Louisiana)

### **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.

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

#### **Academic**

Associate Professor (tenured) of Environmental and Occupational Health Sciences, Louisiana State University Health Sciences Center, School of Public Health, New Orleans, Louisiana (July 1, 2011 – Present)

Adjunct Assistant Professor, Tulane University School of Public Health and Tropical Medicine, New Orleans, Louisiana. (July 1, 2007 - Present).

Assistant Professor (tenure track) of Environmental Health, Jiann-Ping Hsu College of Public Health, Georgia Southern University, Statesboro, Georgia. (August 1, 2006 – June 30, 2011).

Research Assistant, Tulane University School of Public Health and Tropical Medicine, New Orleans, Louisiana. (June 1, 2001 - May 1, 2006).

## **Professional**

Research Physical Scientist, United States Department of Agriculture, Agriculture Research Service, Southern Regional Research Center, New Orleans, Louisiana. (May 3, 2004 - July 1, 2006).

Human Resources Program Consultant, State of Louisiana Department of Civil Service, Baton Rouge, Louisiana. (October 1, 1998 - August 1, 2001).

Environmental Consulting Technician, Biological Surveys, Inc., Mandeville, Louisiana. (October 1, 1997 - October 1, 1998).

Natural Resources Volunteer, U.S. Peace Corps, The Gambia, Africa. (July 1, 1997 - October 1, 1997).

## **Membership in Professional Organizations:**

Louisiana Water Environment Association (LaWEA, Professional), State. (July 2011 – Present).

North American Agromedicine Consortium (NAAC, Professional), National. (March 6, 2007 - Present).

Water Environment Federation (WEF, Professional), International, Residuals and Biosolids. (April 1, 2002 - Present).

International Association of Emergency Managers, International. (July 2014 – July 2015).

American Water Works Association, International. (December 2014 – January 2016)

Georgia Environmental Health Association (Professional), State. (October 2008 – July 2012).

Georgia Association of Water Professionals (Professional), State. (June 2008 – July 2011).

Georgia Public Health Association (GaPHA, Professional), State, Environmental Health. (April 2007 – July 2011).

## **Awards and Honors:**

Selected for Who's Who in Health Sciences Higher Education (September 14, 2014). Delegate-at-Large Service Award 2009 – 2012, Water Environment Federation and LaWEA. (April 18, 2013).

Certificate of Appreciation awarded by FEMA and Department of Homeland Security. (September 30, 2012).

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

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

Performance Award, United States Department of Agriculture, Scholarship/Research. (January 1, 2006).

Performance Award, United States Department of Agriculture, Scholarship/Research. (January 1, 2005).

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

## Teaching Experience/Responsibilities:

### Course/Clerkship/Residency or Fellowship/CME Directorships

2016 – Present: **PUBH 6600 Culminating Experience** – Course Director [3 credit hour required course for all MPH students, offered in spring]. All professional degree programs shall assure that each student demonstrates skills and integration of knowledge through a culminating experience. The student is required to synthesize and integrate knowledge acquired in coursework and other learning experiences and to apply theory and principles in a situation that approximates some aspects of professional practice.

*Responsibilities:* Developed course format and syllabus, design course content, evaluate student performance, led a 5 member interdisciplinary team of faculty to develop the course.

2014 – Present: **INTER/IPEC 281 Interprofessional Practice I** – Course Facilitator, Public Health Liaison [2 credit hour course for all students in LSUHSC-NO, offered in fall]. Provides an opportunity for students in the LSUHSC Schools of Allied Health, Dentistry, Medicine, Nursing and Public Health and the Xavier College of Pharmacy to participate in an interprofessional education (IPE) learning experience. The course begins with an introduction to IPE and interprofessional practice (IPP) and the reports from the Institute of Medicine and the Interprofessional Education Collaborative (IPEC) will provide the framework for the session topics, team activities and expected student competencies. Students learn about the various scopes of practice, study team-based health care, and discuss patient cases.

*Responsibilities:* Represent the School of Public Health as a faculty liaison, lead case-based discussions of Interprofessional teams of students and evaluate student performance.

2012 – Present: **ENHS 6238 Principles of Environmental Health Sciences** – Course Director [3 credit hour core course for MPH students, offered in summer and fall]. The course fulfills the environmental health core requirement for MPH students. This course explores the relationships between humans and the natural environment by examining the impact of human activities on air, water, soil, and food quality, and by analyzing the outcomes of encounters between humans and natural events, venomous animals, and toxic plants and fungi.

*Responsibilities:* Develop course outline and syllabus, design course contents, prepare course materials, provide lectures and evaluate student performance.

2012 – Present: **ENHS 6250 Emergency Response to Disasters and Terrorism** – Course Director [3 credit hour elective course for MPH students, offered in spring]. The purpose of this course is to provide public health students with an overview and awareness of potential threats facing our homeland and to familiarize students with the protocols for response for Public Health employees and for the local, state, and federal agencies associated with response and recovery. Emergency response is multi-faceted and this course includes observation as well as practical experiences in the field.

*Responsibilities:* Redesign and deliver course including syllabus, lectures, and student evaluation.

2009 – 2011: **PUBH 9999 Dissertation** – Course Director [Variable credit hour required course for DrPH candidates]. The doctoral dissertation is a culminating experience that requires the student to synthesize and integrate knowledge and apply theory and principles learned to an area of public health practice within the area of concentration. A written product must be submitted and must take the form of a manuscript that is suitable for publication in a national-level public health journal, a grant proposal, a technical report, a case analysis, or other similar document. The dissertation must also be presented and successfully defended before the faculty.

*Responsibilities:* As DrPH Program Director, track student progress through regular reports from the individual dissertation committees.

2007 – 2011: **ENVH 7232 Water Quality** – Course Director [3 credit hour required course for MPH Environmental Health students, offered in spring]. Introduce students to chemical, physical, and biological principles of water quality, as well as potential sources of contamination and the resulting effects. The course also introduces environmental policies pertinent to water issues along with current treatment and remediation strategies to ameliorate pollution.

*Responsibilities:* Develop and deliver course including syllabus, lectures, and student evaluation.

2006, 2010: **PUBH 5520 Introduction to Public Health** – Co-Instructor (2006), Course Director (2010) [1 – 2 credit hour required course for all MPH students, offered in fall]. This course is designed to give students a foundation in the core functions of the population-based public health (assessment, policy development and assurance). In addition, this course examines the 10 essential services of public health within these core functions. Defining effective public health practice and providing knowledge about the technical, social, and political parameters related to public health research and practice are goals for this class. Students gain an understanding of public health as a broad area of work that applies the benefits of current biomedical, environmental, social, and behavioral knowledge in ways that maximize the health status of all populations.

*Responsibilities:* (2006) Provide lectures in public health core knowledge areas, conduct student evaluation; (2010) Redesign and deliver course including syllabus, lectures, and student evaluation including blended offerings (50% online).

2009: **ENVH 7238 Environment, Ethics and Equity** – Course Director [3 credit hour required course for MPH environmental health students, offered in spring]. Introduce students to theory, concepts and methods of ethics and equity related to one's location. Topics addressed include environmental justice, public health ethics, impacts on equity and disparities. Students also employ basic concepts of spatial analysis using applicable Geographic Information Systems software.

*Responsibilities:* Develop and deliver course including syllabus, lectures, and student evaluation.

2007 – 2008: **PUBH 6132 Environmental Health** – Course Director [3 credit hour required course for all MPH students, offered in fall, spring and summer]. Alternate listing PUBH 6532 in fall 2008. Survey of specific environmental

conditions and factors that contribute to the development of health problems in communities. Health effects, policy issues, intervention strategies and control programs for community environmental health protection are discussed.

*Responsibilities:* Develop and deliver course including syllabus, lectures, and student evaluation including blended offerings (50% online).

2006 – 2007: **ENVH 7233 Environmental Impact Assessment** – Course Director [3 credit hour required course for MPH environmental health students, offered in fall]. Introduce students to appropriate design, implementation, and analysis of primary environmental exposures. Specific topics covered include designing risk profiles, evaluating dose-response relationships, and analyzing field exposures of toxins.

*Responsibilities:* Develop and deliver course including syllabus, lectures, and student evaluation.

2007: **PUBH 7890 Directed Individual Study** – Course Director [3 credit hour elective course for MPH students, offered in summer]. Research course to introduce upper level environmental health students to translational practices within USDA Agriculture Research Service. Special projects included ammonia adsorption of activated carbon from animal and plant residuals, metal cation adsorption of activated carbon from animal manure, and acid digestion of activated carbon.

*Responsibilities:* Develop and deliver course including syllabus, lectures, and student evaluation.

2006: **ENVH 7234 Environmental Toxicology** – Course Director [3 credit hour required course for MPH environmental health students, offered in fall]. Introduce students to concepts associated with the lethal and sub-lethal effects of environmental and occupational stressors on humans and other living organisms. Exposure, kinetics and distribution of toxicants, metabolism of toxic agents, factors that affect toxicity, introductory chemical carcinogenesis are discussed.

*Responsibilities:* Develop and deliver course including syllabus, lectures, and student evaluation.

### **Curriculum Development/Implementation**

- Led a 5-member interdisciplinary team of faculty in the development of the new case-based Culminating Experience for the MPH program.
- E-learning team member for the development of web-based learning platforms for the core courses, LSUHSC-NO School of Public Health.
- Within LSUHSC-NO School of Public Health, I have redesigned the ENHS 6250 course and developed new lectures and student evaluations. In addition, I have taken on the ENHS core course for MPH students. As course director, I have adapted and updated materials from Drs. Dan Harrington and Chih-Yang Hu including creating a mid-course evaluation system.
- As the first environmental health faculty member within the newly created Jiann-Ping Hsu College of Public Health (JPHCOPH) at Georgia Southern University, I developed the environmental health curriculum including 5 courses (PUBH 6132, ENVH 7234, ENVH 7233, ENVH 7238 and ENVH 7232 listed above).

- Over the summer of 2007, I worked with the first cohort of JPHCOPH faculty to develop web-based versions of our core courses.
- In administrative roles at JPHCOPH, I helped develop the MPH and DrPH core competencies and associated curriculum structure.

### **Creation of Enduring Teaching Materials**

- Curriculum developed at GSU is still in place including PUBH 6132 (now 6532), ENVH 7238 and ENVH 7232.

### **Formal Course Responsibilities – Lecture, Lab, Seminar/DxR/Ethics (all schools and all levels, undergraduate, graduate, resident, fellow, postdoctoral instruction; note number of hours/year and number of years involved in aggregate)**

- Guest Lecture, Cornell University - School of Veterinary Medicine, VTMED 6430 - Veterinary Perspectives on Pathogen Control in Animal Manure, “Value Added Products from Waste” (2 hours, 2006; 2 hours, 2007; 2 hours, 2012; 2 hours, 2013; 2 hours, 2014; 2 hours, 2015; 2 hours 2016).
- Guest Lecture, Tulane University, School of Public Health and Tropical Medicine, GEHS 7000 –Environmental Health Seminar (1 hour, 2016).
- Guest Lecture, LSUHSC-NO, School of Public Health, PUBH 6200 – Essentials of Public Health (2 hours, 2015).
- Guest Lecture, LSUHSC-NO, School of Public Health, BCHS Seminar (1 hour, 2014).
- Guest Lecture, Tulane University, Payson Center, IDEV 4950/6610 – Environment and Development (2 hours, 2014).
- Guest Lecture, Tulane University, School of Public Health and Tropical Medicine, GEHS 6030 – Survey of Environmental Health (2.5 hours, 2014).
- Guest Lecture, LSUHSC-NO, School of Public Health, EPID 6216 – Biologic Basis of Health (1.25 hours, 2013).
- Guest Lecture, LSUHSC-NO, School of Public Health, PUBH 6500 – Special Topics (Essentials of Public Health) (2 hours, 2012; 2 hours, 2014).
- Guest Lecture, LSUHSC-NO, School of Public Health, ENHS 6238 – Principles of Environmental Health Sciences, (6 hours, 2012).
- Guest Lecture, Georgia Southern University, BIOL 5542 - Aquatic Ecology (3 hours, 2010).
- Guest Lecture, Georgia Southern University, TCM 4434 - Site Construction (6 hours, 2009).
- Guest Lecture, Georgia Southern University, EPID 7135 - Epidemiology of Infectious Disease (3 hours, 2008).
- Guest Lecture, Georgia Southern University, PBAD 7337 – Environmental Management and Policy (3 hours, 2008).
- Guest Lecture, Georgia Southern University, GSU 1210 – University Orientation (2 hours, 2007).

**Teaching Awards:** Not Applicable

**Graduate Students Trained (served as Academic Advisor):**

Georgia Southern University	Lauren Baker	MPH	2008
	Tiffany Jackson	MPH	2008
	DeAnna Keene	MPH	2009
	Angela Otumfuor	MPH	2011
	Leah Wallach	MPH	2011
LSUHSC-NO	Robin Gruenfeld	MPH	2013
	Rachel Tittle	MPH	2014
	Paolo Richardson	MPH	2014
	Max Miller	MPH	2015
	Suzanne Sicotte	MPH	2016
	Joseph Gilbert	MPH	2016
	Patrick Dugais	MPH	Ongoing
	Lauren McDaniel	MPH	Ongoing
	Helena Ochoa	MPH	Ongoing

**Thesis and Dissertation Committees:**

Masters in Applied Engineering, Committee Member, Georgia Southern University, Department of Mechanical & Electrical Engineering Technology 2008. *Advised:* Steven Derriso

Doctor of Public Health, Committee Member, Georgia Southern University, Jiann Ping Hsu College of Public Health, Public Health Leadership 2009 – 2011. *Advised:* Heidi Hulsey

**MPH Capstone/Culminating Experience Project Committees:**

Georgia Southern University

*Lauren Baker:* Indoor Air Quality within the Savannah-Chatham County School District

*Tiffany Jackson:* Factors Affecting Possible Rabies Exposures to Humans in Effingham County, Georgia

*DeAnna Keene:* Do Best Management Practices (BMPs) Reduce Fecal Coliform in Nevils Creek (Rocky Ford, GA)?

*Angela Otumfuor:* Survey of Bulloch County Residents on Household Cleaner Usage Based On Application Type

*Leah Wallach:* Community health perspectives from the remote Indian Himalayan village of Lata, Uttarkhand

LSUHSC-NO

*Rachael Tittle:* Community Health Improvement through Bucket Air Sampling

*Paolo Richardson:* Exploring Environmental and Educational Factors of Obesity in Louisiana and the Impact of Government Policies

*Carrie Pizzalato:* The Efficacy of Biochars for the Removal of Nutrients from the Environment

*Yetzia Aponte*: Utilization of Plant and Animal Derived Biochar for the Adsorption of Lead from Soil

*Kadie Rome*: Detection of Heavy Metals from Aqueous Solutions and Sorption by Biochar Derived from Agricultural Feedstocks

*Robin Gruenfeld*: Health Impact Assessment of Air, Soil, and Blight: Hollygrove, New Orleans

## **Grants and Contracts (note role on grant; i.e. PI, co PI, consultant, etc.):**

### **Funded**

- **Brisolara, Kari Fitzmorris** (PI), James Diaz (Co-PI), Daniel Harrington, (Co-Investigator), Chih-yang 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).
- **Brisolara, Kari Fitzmorris** (PI), Grant, "Collaborative Training Education Program for Environmental Health Sciences," Sponsored by LSUHSC School of Public Health, \$7,981. (February 1, 2014 – January 30, 2015).
- Afriyie-Gyawu, Evans (PI), **Brisolara, Kari Fitzmorris** (Co-PI), Grant, "Metal Concentrations in Water and Fish from South Georgia Rivers," Sponsored by Georgia Southern University, \$9,994. (July 1, 2010 – May 1, 2011).
- **Brisolara, Kari Fitzmorris** (PI), Contract, "Testing of the Schwing Bioset Process for National PFRP (Process to Further Reduce Pathogens) Status from EPA's Pathogen Equivalency Committee (PEC)," Sponsored by Schwing Bioset, Inc., Private, \$70,057. (April 1, 2010 - September 30, 2010).
- **Fitzmorris, Kari Beth** (PI), Tedders, Stuart (PI), Sponsored Research, "Environmental Factors Contributing to Cancer in Evans County," Sponsored by Evans County CARES, Local, \$15,000. (September 1, 2009 - September 30, 2011).
- **Fitzmorris, Kari Beth** (PI), Charles, Simone Melanie (Co-PI), Grant, "Protocol Development and Evaluation of Experimental Technologies in On-Site Sewage," Sponsored by Georgia Southern University, \$7,119. (October 16, 2008 - May 31, 2009).
- **Fitzmorris, Kari Beth** (PI), Charles, Simone Melanie (Co-PI), Contract, "Development of Electronic Version of "Soils, Hydrology, and On-Site Wastewater Disposal"," Sponsored by State of Georgia, State, \$10,000. (August 4, 2008 - October 31, 2008).
- **Fitzmorris, Kari Beth** (Co-PI), Peace, Karl E, Tedders, Stuart, Sponsored Research, "Study to assess levels of carcinogens and pesticides in Evans County, Georgia," State, \$5,000. (June 30, 2008 - June 30, 2008).
- **Fitzmorris, Kari Beth** (PI), Non-funded Cooperative Agreement, "Evaluation of Activated Carbons from Animal Manure and Plant Residuals for Adsorption of Gaseous Ammonia," Sponsored by USDA-ARS, Federal, \$0. (July 2, 2007 - July 2, 2007).

- **Fitzmorris, Kari Beth** (PI), Grant, "Faculty Travel Grant," Sponsored by Faculty Development Committee, Georgia Southern University, \$1,564. (January 12, 2007 - April 18, 2007).
- **Fitzmorris, Kari Beth** (Co-PI), Reimers, Robert S. (Co-PI), Contract, "Approval of the Bioset process by EPA Pathogen Equivalency Committee," Sponsored by Schwing Bioset, Inc., Private, \$100,000. (February 25, 2005 - August 31, 2006).
- **Fitzmorris, Kari Beth** (PI), Contract, "WEF Residuals and Biosolids Conference Travel," Sponsored by Schwing-Bioset, Inc., Private, \$1,667. (January 20, 2006 - March 14, 2006).

#### **Pending funding**

- **Brisolara, Kari Fitzmorris** (PI), Margaret Reams (Co-PI), Stephania Cormier (Co-PI), James Diaz (Investigator), Adrienne Katner (Investigator), Daniel Harrington (Investigator), Chih-yang Hu (Investigator) "Interprofessional Approach to Developing a Diverse Workforce Ready to Address Emerging Technologies in Occupational Health and Safety" Submitted to NIEHS RFA-ES-15-014. \$1,021,645. (Under Review).
- Katner, Adrienne (PI), **Brisolara, Kari Fitzmorris** (PI) "Empowering Communities to Make Informed Decisions to Reduce Childhood Exposures to Toxic Chemicals in Indoor Environments" Submitted to USEPA RFA EPA-EE16-01. \$91,000. (Under Review).
- **Brisolara, Kari Fitzmorris** (PI), Sponsored Research, "Proposal for the Upgrading of the Existing Schwing Bioset Process," Submitted to Schwing Bioset, Private, \$108,671. (Under Review).
- **Brisolara, Kari Fitzmorris** (PI), Sponsored Research, "Disease Prevention and Control Program with a Focus on Degradable Solids, Related to Vector Attraction Control and Sustainable Resource Management: Reusable Treatment of Deadly Human Waste at the Truitier Pit in Haiti " Submitted to Haitian Government in conjunction with William J. Clinton Foundation, Private, \$397,489. (Under Review).

#### **Non-funded applications (last three years)**

- **Brisolara, Kari Fitzmorris** (PI), "WERF High Quality Biosolids from Wastewater Project," Subcontract to CDM Smith, Submitted to Water Environment Research Foundation, \$39,865. 2015.
- Williams, Donna (Co-Director), **Brisolara, Kari Fitzmorris** (Co-Director), Grant, "Local Performance Site (LPS) for Louisiana for the TALON Public Health Training Center (PHTC) for Region 6," Submitted to RFA - HRSA-14-076 Regional Public Health Training Centers (RPHTC) Program. 2014.
- **Brisolara, Kari Fitzmorris** (PI), James Diaz (Co-PI), Daniel Harrington, (Co-Investigator), Chih-yang Hu (Co-Investigator), "LSU-LSU Health Sciences Center Partnership for Undergraduate, graduate student, and Post-doc Mentored, Environmental Health Sciences Research Opportunities with EPA Scientists," Submitted to EPA-G2014-ORD-T1 Cooperative Training Partnership in Environmental Health Sciences Research. 2014.

- **Brisolara, Kari Fitzmorris** (PI), Robert S. Reimers (Co-PI), “Assessment of Biosolids and Other Residuals for Use as a Sustainable Wetland Soil,” Submitted to Coastal Protection Restoration Authority. 2014.
- Maud Walsh (PI), James Diaz (Co-PI), Ephraim Massawe (Co-PI), **Brisolara, Kari Fitzmorris** (Investigator), Stephania Cormier (Investigator), Grant, “Managing Hazards Associated with Emerging Technologies: A Graduate Certificate Program,” Submitted to NIEHS. 2013
- James Diaz (PI), **Brisolara, Kari Fitzmorris** (Sr. Key Investigator), Chih-yang Hu (Key Investigator), David Lirette (Key Investigator), Grant, “Speciation and Toxicity of the Neurotoxin BMAA,” Submitted to NIH. 2013.
- **Brisolara, Kari Fitzmorris** (PI), Grant, “The Use of Poultry Waste for the Creation of Activated Carbons for the Removal of Ammonia from Poultry Waste Emissions,” Submitted to U.S. Poultry Association. 2012.
- **Brisolara, Kari Fitzmorris** (PI), Grant, “The Use of Animal Waste for the Creation of Activated Carbons for the Removal of Ammonia from Poultry Waste Emissions,” Submitted to Louisiana Board of Regents. 2012.
- **Brisolara, Kari Fitzmorris** (PI), Grant, “CAREER: The Use of Animal Waste for the Creation of Activated Carbons for the Removal of Ammonia from Animal Waste Emissions,” Submitted to National Science Foundation. 2010

#### **Research Review Committee (NIH study section, etc.):**

- Reviewer, Grant Proposal, Issue Area Team Member, Water Environment Research Foundation. (2007 - 2012).
- Reviewer and Committee Member, Georgia Southern University, Sustainability Committee. (2009 - 2011).
- Reviewer and Committee Member, Georgia Southern University, Faculty Research Committee. (2006 - 2008).

#### **Inventions and Patents:**

Not applicable

#### **Papers Presented (include, and ideally segregate, scientific presentations, plenary lectures, refresher courses, CME or society lectures, etc.):**

##### **Refereed Conference Presentations**

1. **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).
2. Gary, L., Reimers, R., **Brisolara, K.** National Evacuation Conference, “Biothreats with Evacuations,” RES/CON, New Orleans, Louisiana (March 1, 2016).
3. **Fitzmorris-Brisolara, K.** Water Environment Federation Technical Conference 2015, “New Developments in Indicator Organisms,” WEF, Chicago, Illinois. (September 27, 2015).
4. **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).

5. 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).
6. 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).
7. **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).
8. 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).
9. **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).
10. **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).
11. **Fitzmorris-Brisolara, K.** Water Environment Federation Technical Conference 2014, "Activated Carbons from Waste Sources." Water Environment Federation, New Orleans, Louisiana. (October 1, 2014).
12. 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).
13. **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).
14. 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).
15. **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).
16. **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).

17. 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).
18. **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).
19. 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).
20. 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).
21. **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).
22. **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).
23. **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).
24. **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).
25. **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).
26. **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).
27. **Brisolara, K.F.**, Reimers, R.S. Disinfection 2011, "Pathogen Inactivation in an Advanced Alkaline System," Water Environment Federation, Cincinnati, Ohio. (April 12, 2011)
28. **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)
29. **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)

30. **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).
31. **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).
32. **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).
33. **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).
34. 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).
35. **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).
36. **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).
37. **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).
38. **Fitzmorris, K. B.**, GaPHA 78th Annual Meeting, "2007 Farm Bill and Agricultural Waste," Georgia Public Health Association, Savannah, Georgia. (September 5, 2007).
39. **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).
40. **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).
41. 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).

42. **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).
43. **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).
44. **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)
45. 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).
46. 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).
47. **Fitzmorris, K. B.** (Workshop Coordinator), WEFTEC, "Pathogen Concerns with Residuals Management," Water Environment Federation, New Orleans, Louisiana. (October 2, 2004).
48. **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).
49. 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).
50. **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).
51. **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).
52. **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).
53. 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).

54. **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).
55. **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).
56. 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).

### Posters

1. **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).
2. **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).
3. 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).
4. 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).
5. 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).
6. 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).

### Seminars and Invited Presentations (include visiting professorships):

1. 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).

2. **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).
3. 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).
4. 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).
5. **Brisolara, K. F.**, Georgia Board of Registered Environmental Health Professionals, "Educational Opportunities for Environmental Health Professionals," GBREHP, Macon, Georgia. (February 25, 2011).
6. **Brisolara, K. F.**, WEFTEC, "Should We Consider Alternative Indicators for Specific Treatments?," Water Environment Federation, New Orleans, Louisiana. (October 3, 2010).
7. **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).
8. **Fitzmorris, K. B.**, Charles, S. M., Southeast Health District - Environmental Health Meeting, "Environmental Health at JPHCOPH," SEHD, Douglas, Georgia. (April 23, 2009).
9. **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).
10. **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).
11. 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).
12. **Fitzmorris, K. B.** (Moderator and Panelist), Joint Residuals and Biosolids Management Conference, "Agricultural Issues I," Water Environment Federation, Denver, Colorado. (April 17, 2007).
13. **Fitzmorris, K. B.**, Tedders, S., Environmental Training Workshop, "The Jiann-Ping Hsu College of Public Health," Southeast Health District, Hazelhurst, Georgia. (January 11, 2007).
14. **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).

15. **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).
16. **Fitzmorris, K. B.** (Workshop Presenter), Biosolids and Residuals Conference, "New Class A Processes and Regulatory Acceptance," Water Environment Federation, Cincinnati, Ohio. (March 12, 2006).
17. **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).
18. **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).
19. **Fitzmorris, K. B.**, Workshop on Alkaline Treatment of Wastewater Solids, "The BioSet System," Water Environment Federation, Salt Lake City, Utah. (February 22, 2004).
20. **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).
21. 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).
22. 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).
23. 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).

#### **Visiting professorships or seminars**

- Guest Speaker, LSUHSC SPH 2015-2016 Student Development Series, New Orleans, Louisiana. (November 5, 2015).
- Guest Speaker, Candler County Health Department, Metter, Georgia. (December 1, 2008).
- Guest Speaker, Bulloch County Health Department, Statesboro, Georgia. (September 18, 2008).
- Guest Speaker, Rotary Club of Statesboro, Statesboro, Georgia. (April 2, 2007).
- Interaction with Industry, Coastal Health District - Effingham County Environmental Health, Springfield, Georgia. (February 7, 2008).

- Interaction with Industry, SEHD - Bulloch County Environmental Health, Statesboro, Georgia. (July 18, 2007).
- Guest Speaker, Student Affiliates of the American Chemical Society. (March 11, 2008).
- Guest Speaker, Student Alliance for a Green Earth. (November 7, 2007).
- Guest Speaker, Tri Beta. (November 6, 2007).

## **Editorial Posts and Activities:**

### **Journal editorships or associate editorships**

- Associate Editor, *Water Environment Research*. (December 2012 – Present).
- Editorial Board, *Resources and Environment*. (December 2011 – Present).
- Editor, Special Issue, *Water Practice*. (June 2007 - July 2007).

### **Reviewer status**

- Reviewer, Journal Article, *Applied and Environmental Soil Science*. (December 2014 – Present).
- Reviewer, Journal Article, *Parasitology Research*. (April 2013 – Present).
- Reviewer, Journal Article, *Bioresource Technology*. (September 2008 - Present).
- Reviewer, Journal Article, *Industrial and Engineering Chemistry Research*. (July 2008 - Present).
- Reviewer, Journal Article, *Chemosphere*. (October 2007 - Present).
- Reviewer, Journal Article, *Water Practice*. (January 2007 - Present).
- Reviewer, Journal Article, *Atmospheric Environment*. (October 2006 - Present).
- Reviewer, Journal Article, *Environmental Science and Technology*. (September 2006 - Present).
- Reviewer, Conference Paper, Water Environment Federation. (January 2005 - Present).
- Reviewer, Journal Article, *Water Environment Research*. (January 2005 - Present).
- Reviewer, Book, U.S. EPA/ORD/NRML/LRPCD, Cincinnati, Ohio. (April 25, 2007 – January 1, 2009).

## **University/Institutional Service (note leadership responsibilities):**

### **School of Public Health committees**

*LSUHSC, School of Public Health*

- Chair, Evaluation Committee. (July 1, 2016 – Present).
- Committee Member, SPH Multicultural/Diversity Committee. (July 1, 2015 – Present)
- Committee Member, Evaluation Committee. (August 17, 2011 – Present)

- Committee Member, Recruiting and Open House Committee. (March 13, 2012 – Present)
- Judge, LSUHSC SPH Delta Omega Research Day. (April 8, 2016).
- Search Committee, Student Recruitment Specialist. (September 2015).
- Chair, Appointments, Tenure and Promotions. (July 1, 2014 – June 30, 2016).
- Senior Faculty Member Representative, Administrative Council. (July 1, 2012 – June 30, 2016).
- 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).

*GSU, Jiann-Ping Hsu College of Public Health (JPHCOPH)*

- 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 (Observer). (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).
- Committee 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 - Section 1.0. (August 30, 2006 - May 1, 2007).
- Committee Member, Evidence Based Decision Making Group. (August 28, 2006 - May 1, 2007).

**Campus committees**

*LSUHSC*

- SPH Representative, IPE Curriculum Committee Workgroup. (August 19, 2014 – Present).
- SPH Representative, SACS Accreditation Team. (August 6, 2013 – Present).

- Judge, Graduate Research Day. (November 6, 2016).
- SPH Representative, LSUHSC Branding and Strategy Development Initiative. (October 30, 2014).

#### *GSU*

- Committee Member, Faculty Grievance Committee. (August 1, 2010 – June 30, 2011).
- Committee Member, Sustainability Committee. (August 2009 - June 30, 2011).
- Faculty Advisor, Students for Clean Drinking Water. (August 2008 - June 30, 2011).
- Committee Member, Institutional Biosafety Committee. (July 2007 - June 30, 2011).
- Committee Member, Committee for the Development of Undergraduate Environmental Science Minor. (March 22, 2007 - August 1, 2009).
- Committee Member, Faculty Welfare Committee. (August 2007 - August 2008).
- Committee Member, Faculty Research Committee. (September 2006 - August 2008).
- Committee Member, Graduate Committee. (September 2006 - August 2008).
- Committee Member (Alternate), Faculty Senate. (August 2006 - August 2008).
- Committee Member, Recycling and Sustainability Committee. (March 2007 - August 2007).
- Committee Member, College of Science and Technology Dean Search Committee. (September 1, 2006 - March 28, 2007).
- Departmental Representative, Crane Focus Group. (February 15, 2007).
- Attendee, Meeting, HBCU Visit Day - Luncheon & Academic Round Table. (February 6, 2007).

#### **Professional society committees**

##### *International*

- Committee Member, Research and Innovation Committee, Academic Subcommittee, Water Environment Federation. (October 5, 2013 – Present).
- Committee Member, Disinfection and Public Health, Water Environment Federation. (March 25, 2013 – Present)
- Committee Member, Academic Committee, Water Environment Federation. (February 4, 2011 – Present)
- Task Force Member, Water Environment Federation. (March 15, 2010 - Present).
- Delegate-at-Large, Water Environment Federation. (October 2009 – October 2012).
- Committee Member, WEF Community of Practice on Sustainability. (May 2008 - Present).

- Committee Member, Climate Change Workgroup - WEF. (January 2008 – January 2010).
- Committee Member, Residuals and Biosolids Committee. (March 2003 - Present).

#### *National*

- Member, National Preparedness Coalition, Federal Emergency Management Agency. (September 6, 2012 – Present).
- Academic Advisory Committee, Institute of Professional Environmental Practice. (April 26, 2012).
- Session Moderator, Water Environment Federation, Residuals and Biosolids 2012, Water Environment Federation, Raleigh, North Carolina. (March 27, 2012).
- Committee Member, Specialty Conference Planning Committee. (October 2007 - Present).
- Committee Member, WEF 2008 Residuals and Biosolids Conference Steering Committee, Alexandria, Virginia. (March 2007 - Present).
- Session Chair, Water Environment Federation, Savannah, Georgia. (May 26, 2010).
- Session Chair, American Public Health Association, Philadelphia, Pennsylvania. (November 11, 2009).
- Committee Chair, Agricultural and Industrial Sub-Committee. (August 23, 2006 - October 13, 2009).
- Task Force Member, Farm Bill Task Force, Alexandria, Virginia. (September 6, 2006 - September 7, 2008).
- Session Chair, American Chemical Society, New Orleans, Louisiana. (April 9, 2008).

#### *State*

- Committee Member, Migrant Health Clinic. (September 7, 2007 – June 30, 2011).
- Board of Directors, Georgia Environmental Health Association, Georgia. (July 8, 2009 – August 1, 2011).

#### **Special assignments – ad hoc task forces/working groups, projects, etc**

- Hispanic Youth Photovoice Project Coordinator, St. Christopher Catholic Church, Claxton, Georgia. (September 2009 – June 2011).
- Coordinator and Spokesperson, Public Health Laboratory. (August 1, 2007 - August 1, 2009).
- Committee Member, Southwest Georgia Community Based Health Initiative. (December 10, 2007 - May 1, 2008).

#### **Administrative Responsibilities:**

- Administrative Assignment, Interprofessional Education Faculty Liaison for SPH. (August 1, 2015 – 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.
- 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.
- 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; co-writer of Criterion 2.0 – Instructional Programs.
- 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.
- 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.
- 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.
- Administrative Assignment, Environmental Health Program Director, GSU-JPHCOPH. (August 1, 2006 - August 1, 2007). Title change, same responsibilities as above "Discipline Liaison."

### **Community Service Activities:**

- Northshore Community Foundation Water Symposium, Water Institute of the Gulf, dialogue about the Northshore and potential for land loss, (June 18, 2013).
- St. Christopher Catholic Church, Hispanic Youth Photovoice Project Coordinator, Claxton, Georgia, approximately 25 hours spent for the year, (September 2009 – June 2011).
- Migrant Health Clinic, Committee Member, Southeast Georgia, approximately 15 hours spent for the year in addition to the development of three (3) health

education posters on environmental health topics including heat stress, pesticide exposure and eye safety, (September 2007 – May 2011).

- Developed and presented three (3) online state-approved continuing education courses for on-site sewage (August 2007 – June 2011).
- "On-Site Sewage Continuing Education", Professional. (April 23, 2010). Jesup, GA for EHS of SEHD Southwest Georgia Community Based Health Initiative, Committee Member. (December 10, 2007 - May 1, 2008).
- Guest Speaker, Candler County Health Department, Metter, Georgia. (December 1, 2008).
- Guest Speaker, "Lead Poisoning: The Silent Menace," Bulloch County Health Department, Statesboro, Georgia. (September 18, 2008).
- Interaction with Industry, Coastal Health District - Effingham County Environmental Health, Springfield, Georgia. (February 7, 2008).
- Guest Speaker, Rotary Club of Statesboro, Statesboro, Georgia. (April 2, 2007).
- Interaction with Industry, SEHD - Bulloch County Environmental Health, Statesboro, Georgia. (July 18, 2007).

#### **Development Activities:**

- Harvard T.H. Chan School of Public Health Executive and Continuing Professional Education program entitled "Teaching by Case Method: Principles and Practice for Public Health Educators" Boston, Massachusetts. (June 6 – 8, 2016).
- APHA Webinar Series, Part 2, "Public Health's Legal Authority and Safe Drinking Water." (April 5, 2016).
- LSUHSC SPH Public Health Week, "Public Health is Social Justice: The Louisiana Perspective on Mass Incarceration" (April 4, 2016).
- APHA Webinar Series, Part 1, "Flint and Lead: The Water-Public Health Connection." (March 24, 2016).
- Recognized Guest, USDA-ARS Southern Regional Research Center 75<sup>th</sup> Anniversary Celebration. (March 10, 2016).
- Virus Response Workshop: Zika Questions, Dr. James Diaz. (February 25, 2016).
- 2016 #Rallo Tour Higher Education Forum & Information Exchange, Greater New Orleans Tour Stop. (February 16, 2016).
- Louisiana Emergency Preparedness Public-Private Partnership, Meeting. (January 29, 2016).
- Interprofessional Education Day, LSUHSC, Team Leader. (January 27, 2016).
- ATSDR - Safeguarding Communities from Harmful Chemicals, "Advancing Environmental Medicine Practice," Webinar. (November 17, 2015).

- John Rock Lecture, “Formulating Public Health Measures to Reduce Population Exposure to Radiation and Prevent Radiation-Associated Diseases” by Dr. John Boice. (November 10, 2015).
- LSUHSC School of Public Health SGA Mentor Match-up, (September 18, 2015).
- LSUHSC SPH Faculty Development Series, “Advising” (October 2, 2015).
- Event in Recognition of the 10th Anniversary of Hurricane Katrina, “Hurricane Katrina: The History that Influenced Movements for a Culture of Preparedness and Environmental Activism,” Lt. General Russel L. Honoré (U.S. Army retired), LSUHSC, HDC, (August 31, 2015).
- Louisiana Sea Grant Workshop, “Impacts of the Deepwater Horizon Oil Spill to Gulf Wetlands,” Slidell, Louisiana (August 11, 2015).
- Academy for the Advancement of Educational Scholarship (OMERAD), “Back to Basics Summer Teaching Institute,” (July 28, 2015).
- Special Seminar in Neuroscience, “Intentional Communities for Returning Warriors,” (April 8, 2015).
- LSUHSC School of Public Health SGA Mentor Match-up, (October 30, 2014).
- Academy for the Advancement of Educational Scholarship (OMERAD), “Fall Symposium and Educational Scholarship Day,” (October 9, 2014).
- EPA STAR Innovative Small Water Systems Progress Review, Co-organizer. (October 2, 2014).
- Interprofessional Education Day, LSUHSC, Team Leader. (September 29, 2014).
- E-learning Workshop, LSUHSC-SPH. (July 28 – August 1, 2014).
- SACS COC Institute on Quality Enhancement and Accreditation, LSUHSC Representative. (July 20 – 23, 2014).
- Quality Matters Training, LSUHSC-SPH. (July 1, 2014).
- EPA/NIEHS Children’s 2014 Webinar Series: Protecting Children’s Health for a Lifetime, (June 11, 2014).
- National Center for Farmworker Health, “An Orientation to Migrant Health,” Webinar, (August 1, 2013).
- Academy for the Advancement of Educational Scholarship (OMERAD), “Back to Basics Summer Teaching Institute,” (July 30, 2013).
- DHS, FEMA, Emergency Management Institute, “Preparing for Mass Casualty Incidents: A Guide for Schools, Higher Education, and Houses of Worship,” IS-00360, 0.3 IACET CEU (July 15, 2013).
- Academy for the Advancement of Educational Scholarship (OMERAD), “2013 Spring Symposium and Faculty Development Day,” (March 13, 2013).
- DHS, FEMA, Emergency Management Institute, “Surveillance Awareness: What You Can Do,” IS-00914, 0.1 IACET CEU (February 22, 2013).
- Louisiana Board of Ethics, “Ethics Training for Public Servants,” (February 13, 2013).

- DHS, FEMA, Emergency Management Institute, “Diversity Awareness 2013,” IS-00020.13, 0.1 IACET CEU (February 1, 2013).
- David E. Barmes Global Health Lecture, Sir Mark Walport, “Global Health: From John Snow to Genome Science,” (January 30, 2013).
- Centers for Disease Control and Prevention, “Oil and Water: Toxicology in Emergency Response,” WD1866, 0.7 IACET, (January 8, 2013).
- Centers for Disease Control and Prevention, “ATSDR Case Studies in Environmental Medicine: Taking an Exposure History,” WB1109, 0.15 IACET, (January 8, 2013).
- LSUHSC School of Public Health, Moodle Update and Training Session, (November 28, 2012)
- LSUHSC School of Public Health Mentor Match-up, (November 6, 2012).
- Academy for the Advancement of Educational Scholarship (OMERAD), “Fall Symposium and Educational Scholarship Day,” (October 10, 2012).
- Academy for the Advancement of Educational Scholarship (OMERAD), “Back to Basics Summer Teaching Institute,” (August 7, 2012).
- People Soft Training, Student Access training session LSUHSC-NO, (April 18, 2012).
- American Association for University Professors, “Restoring the Faculty Voice,” Tulane University, (April 14, 2012).
- Academy for the Advancement of Educational Scholarship (OMERAD), “Spring Symposium: Interprofessional Education,” (April 12, 2012).
- Navigating the Challenges of Blended Learning: Best Practices to Chart Your Course for Adoption, Webinar. (April 17, 2012).
- Cultural Competency Curriculum for Disaster Preparedness and Crisis Response, 4 course series, 9.0 CEU, (April 2, 2012)
- 2012 Ethics Training for Public Servants, Louisiana Board of Ethics, (March 16, 2012).
- DHS, FEMA, Emergency Management Institute, “Applications of GIS for Emergency Management,” IS-00922, 0.3 IACET CEU (March 6, 2012).
- DHS, FEMA, Emergency Management Institute, “Emergency Management Preparedness Fundamentals,” IS-00910, 0.3 IACET CEU (March 6, 2012).
- LSUHSC, School of Public Health Mentoring Social, (November 8, 2011).
- Research Commercialization Introductory Online Course (100C-11-2), Seven lecture series and quiz. (Completed October 27, 2011).
- Academy for the Advancement of Educational Scholarship (OMERAD), “Back to Basics Summer Teaching Institute,” (August 2, 2011).
- Water Environment Federation, “Committee Communications,” Webinar, (August 17, 2011).

- NBP-WERF Webcast: Innovative Residuals & Biosolids Management Options for LA's Terminal Island, (July 27, 2011).
- Livestock & Poultry Environmental Learning Center, National Air Emissions Monitoring Study Webcast,(September 16, 2011).
- Recruiting Fair, LSU Baton Rouge, (September 14 – 15, 2011).
- CDC Training Modules: Solid Waste, Vector Control, Wastewater, Potable Water, Disaster Management. Total CEU credits: 9.0 (August 16 – 19, 2011).
- Workshop, "6th Annual WERF Research Forum", Water Environment Research Foundation. (December 7, 2010).
- Workshop, "Business Objects Training", ORSSP, Statesboro, Georgia. (December 6, 2010).
- Seminar, "What to Know to Get the Dough", JPHCOPH and ORSSP, Statesboro, Georgia. (December 1, 2010).
- Webinar, "EPA Grants Award Process," Environmental Protection Agency. (April 1, 2010).
- Workshop, "JPHCOPH Research Retreat," JPHCOPH Office of Research, Statesboro, Georgia. (March 4, 2010).
- Workshop, "NIOSH Funding Process and Opportunities," JPHCOPH Office of Research, Statesboro, GA. (October 28, 2009).
- Workshop, "CDC/APHIS Select Agent Workshop," CDC. (August 12, 2009).
- Workshop, "CEPH Accreditation Orientation Workshop," CEPH, Washington, DC. (July 29, 2009 - July 31, 2009).
- Workshop, "Safe Space Training," GSU Counseling and Career Development, Statesboro, GA. (May 28, 2009).
- Faculty Learning Community, "Teaching Critical and Creative Thinking," Center for Excellence in Teaching - GSU, Statesboro, Georgia. (August 1, 2007 - May 1, 2009).
- Tutorial, "Course Design for GaVIEW," CET - Online Learning, Statesboro, GA. (November 7, 2008).
- Attended Conference, "GAHPERD Convention," Georgia Association of Health, Physical Education, Recreation and Dance, Savannah, Georgia. (November 2, 2008).
- Self-Study Program, "Aerobic Endospores: New Methods of Analysis," Environmental Protection Agency, Cincinnati, Ohio. (June 26, 2008).
- Seminar, "National Environmental Public Health Performance Standards: Using Standards to Improve Practice," National Association of County and City Health Officials, Webinar. (May 21, 2008).
- Workshop, "Master Teacher in Public Health," Administrative Committee on Public Health, Statesboro, Georgia. (April 24, 2008 - April 25, 2008).
- Workshop, "Logic Models," JPHCOPH, Statesboro, Georgia. (April 5, 2008).

- Workshop, "The Value of Poultry Litter as a Fertilizer," GWPPC/GSWCC/NRCS, Perry, Georgia. (March 19, 2008).
- Workshop, "Write Winning Grants," Grant Writers' Seminars and Workshops - GSU, Statesboro, Georgia. (October 26, 2007).
- Seminar, "G.E.D. Assistance," Women's & Gender Studies Program, Statesboro, Georgia. (October 4, 2007).
- Attended Conference, "National Water Conference: Research, Extension and Education for," USDA-CSREES, Savannah, Georgia. (January 30, 2007).
- Workshop, "Grant Writing and Proposal Development Workshop," ORSSP, Statesboro, Georgia. (September 21, 2006).
- Workshop, "Course Design for WebCT Vista," CET, Statesboro, Georgia. (August 30, 2006).

## Books

Not Applicable

## Book Chapters:

1. **Brisolara, K. F.**, Pederson, T., Lawson, J., Matta, I., Gruenfeld, R. (2013) Chapter 1 – Introduction. In *Emergency Planning, Response, and Recovery*. WEF Press. ISBN: 978-1-57278-274-7.
2. Smith, J. E., Barker, M., **Brisolara, K. F.**, Douth, T., Francis, H., Kester, G., Logan, T., Minskey, 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.
3. 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.
4. **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
5. 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.
6. 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.

## Videos and Multimedia:

Not applicable

## Scientific Exhibits:

Not applicable

## Journal Publications:

### Refereed Journal Articles:

1. **Brisolara, K. F.**, Ochoa, H. (2016) Biosolids and Sludge Management. Water Environment Research, In Press.
2. **Brisolara, K. F.**, Qi, Y. (2015) Biosolids and Sludge Management. Water Environment Research, 87(10), 1147-1166.
3. **Brisolara, K. F.**, Sandberg, M. A. (2014) Biosolids and Sludge Management. Water Environment Research, 86(10), 1274-1283.
4. **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.
5. **Brisolara, K. F.**, Qi, Y. (2013) Biosolids and Sludge Management. Water Environment Research, 85(10), 1283-1297.
6. **Brisolara, K. F.** (2012) Biosolids and Sludge Management. Water Environment Research, 84(10), 1310-1324.
7. **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.
8. **Brisolara, K. F.**, Qi, Y. (2011). Biosolids and Sludge Management. Water Environment Research, 83(10), 1351-1375.
9. **Brisolara, K. F.**, Qi, Y. (2010). Biosolids and Sludge Management. Water Environment Research, 82(10), 1311-1326.
10. **Fitzmorris, K. B.**, Sarmiento, F., O'Callaghan, P. (2009). Biosolids and Sludge Management. Water Environment Research, 81(10), 1376-1393.
11. Zhou, J., **Fitzmorris, K. B.**, Qi, Y. (2008). Biosolids and Sludge Management. Water Environment Research, 80(10), 1241-1261.
12. **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.
13. **Fitzmorris, K. B.**, Erdal, Z. (2007). The Importance of Sustainability in Biosolids Management. Water Practice, 1(4), 1-2.
14. **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.
15. **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.
16. **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.
17. 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.
18. 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).

### Refereed Publication in Journal Supplement or in Conference Proceedings:

1. 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, London, United Kingdom CD-ROM (May 7, 2013).
2. **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, Online Access <http://www.extension.org/67575> (April 2013).
3. Reimers, R. S., **Brisolara, K. F.**, Disinfection and Public Health 2013, "Developments in Disinfection Using Advanced Alkaline Stabilization." Water Environment Federation, Alexandria, Virginia CD-ROM (February 2013).
4. 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, Alexandria, Virginia CD-ROM (February 2013).
5. **Brisolara, K. F.**, Reimers, R. S., Water Environment Federation Technical Conference 2012, "Pathogen Inactivation and Equivalency Approval for Advanced Alkaline Process." Water Environment Federation, Alexandria, Virginia CD-ROM (October 2012).
6. **Brisolara, K.F.**, Reimers, R.S. Disinfection 2011, "Pathogen Inactivation in an Advanced Alkaline System," Water Environment Federation, Alexandria, Virginia CD-ROM (April 2011).
7. **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, Alexandria, Virginia CD-ROM (May 2011).
8. **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, Alexandria, Virginia CD-ROM (May 2010).
9. **Fitzmorris, K. B.**, American Public Health Association 137th Annual Meeting & Exposition, "Emerging Pathogens: The Public Health Impact," American Public Health Association, (November 2009).  
<https://apha.confex.com/apha/137am/webprogram/Session27167.html>
10. **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, Alexandria, Virginia CD-ROM (May 2009).
11. **Fitzmorris, K. B.**, Reimers, R. S., WEF Disinfection Conference, "Assessment of Indicator Organisms and Long-Term Stability in Advanced Alkaline Systems," Water Environment Federation, Alexandria, Virginia CD-ROM (March 2009).
12. 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, Alexandria, Virginia CD-ROM (March 2009).
13. **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, St. Joseph, Michigan CD-ROM. (September 2007).

14. **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, London, UK CD-ROM (June 2007).
15. **Fitzmorris, K. B.**, Joint Residuals and Biosolids Management Conference, "The Impacts of the 2007 Farm Bill on Agriculture Waste Treatment" (pp. 768-776). Water Environment Federation, Alexandria, Virginia CD-ROM (April 2007).
16. Reimers, R. S., **Fitzmorris, K. B.**, Pillai, S. D., Oleszkiewicz, J. A., Smith, J. E., WEF/AWWA Joint Residuals and Biosolids Management Conference, "Emerging Chemical Processes to produce Value-Added Products (VAPs) from Manure and Municipal Residuals" (pp. 1-13). Water Environment Federation, Alexandria, Virginia CD-ROM. (2007).
17. **Fitzmorris, K. B.**, Reimers, R. S., Oleszkiewicz, J. A., Little, M. D., WEFTEC, "Pathogen Inactivation by a Closed Alkaline System," Water Environment Federation, Alexandria, Virginia CD-ROM (October 2006).
18. **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, Pittsburgh, Pennsylvania CD-ROM (August 2005)
19. 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, Alexandria, Virginia CD-ROM. (April 2005).
20. 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, Alexandria, Virginia CD-ROM, pp. 658-672(15) (2005).
21. **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, Alexandria, Virginia CD-ROM. (October 2004).
22. Reimers, R. S., **Fitzmorris, K. B.**, Salyer, H. R., Batherson, R. J., Murray, N. K. WEFTEC, "St. Tammany Parish Residuals Program." Water Environment Federation, Alexandria, Virginia CD-ROM. (October 2004).
23. **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, Alexandria, Virginia CD-ROM. (February 2004).
24. **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, Alexandria, Virginia CD-ROM (11:89-91). (February 2003).

25. 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, Alexandria, Virginia CD-ROM (15:1119 - 1133). (February 2003).
26. **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, Alexandria, Virginia CD-ROM (March 2002).
27. 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, Alexandria, Virginia CD-ROM (February 2002).

### **Non-Peer-Reviewed Technical Report**

1. 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.
2. Fitzmorris-Brisolara, K., Reimers, R. (2014) *Residuals: Waste Conversion and Public Health Protection*. Submitted to National Science Foundation.
3. 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.
4. 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.
5. Reimers, R. S., Sandberg, M. A., **Brisolara, K. F.** (2014) *Technical Background Document: Biosolids Exposure and Hazard Assessment*, Submitted to USEPA via Versar.
6. 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.
7. **Brisolara, K. F.**, Reimers, R. S. (2011) *Full Application for Equivalency Recommendation: Schwing Bioaset*. Submitted to USEPA, Pathogen Equivalency Committee.
8. **Fitzmorris, K. B.**, Hutcheson, M. J., Whitworth, R. (2009) *Report on the Stabilization of the Schwing Bioaset Product*.
9. **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/>
10. **Fitzmorris, K. B.**, Reimers, R. S. (2007) *Disinfection Report for Dayton & Knight Ltd. on the Patented Process KDS Micronex Processor*.
11. Reimers, R. S., Little, M. D., **Fitzmorris, K. B.**, Salih, K. (2004) *PEC Application for the National Classification of the Bioaset Process to the Category of PFRP*.

