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## Stacey A. Britton

[sbritton@westga.edu](mailto:sbritton@westga.edu)

### **Education**

**University of Georgia.** Athens, Georgia  
Science Education, Ph. D., August 2011  
Certificate in Qualitative Research

**University of Southern Mississippi.** Hattiesburg, Mississippi  
Science Education, M. S., August 2001

**University of Southern Mississippi.** Hattiesburg, Mississippi  
Biological Sciences, B. S., December 1998

### **Professional Experience**

#### *College and University*

**University of West Georgia,** Carrollton, Georgia  
*Assistant Professor Science Education,* August 2016 – present

#### Undergraduate level

ECED 4262: Teaching Content and Processes: Science Education  
ECSE 4762: Science Teaching Content and Processes: Dual Certification

#### Graduate level

ECED 6249: Seminar for P-5 Teachers  
ECED 7260: Investigating Methods and Materials in Science  
ECED 7273: Earth and Space Science for In-Service Elementary  
ECED 7274: Pedagogical Strategies and Residency Requirements for Inquiry-Based  
Science Instruction  
ECSE 7276: STEM for Ecojustice  
ECSE 7277: STEM in the Community, capstone

**University of Mississippi,** Southaven, Mississippi  
*Assistant Professor of Secondary Education,* August 2011 – August 2016

#### Undergraduate level

EDCI 353: Planning and Teaching Strategies for Effective Instruction  
EDEL 404: Science in the Elementary School  
EDEL 419: Classroom Management and Assessment  
EDEL 531: Differentiated Instruction  
EDLE 464: Student Teaching: Elementary Education  
EDLE 417: Senior Practicum

#### Graduate level

EDRS 704: Foundations of Qualitative Research  
EDCI 616: Science, Technology, and Society  
EDCI 657: Technology for the Professional Educator

**University of Georgia, Athens, Georgia**

*Supervision of Student Teachers* (ESCI 7460 - Internship), Spring 2011

*Supervision of Student Teachers* (ESCI 3450–Practicum in Science Education), 2008 – 2010

*Graduate Teaching Assistant* (ESCI 7040–Secondary Teaching Strategies), Summer 2010

*Teaching Internship* (ESCI 4420–Science for Early Childhood Education), Spring 2008

*Graduate Teaching Assistant* (ESCI 4420–Science for Early Childhood Education), Fall 2007

**Pearl River Community College, Poplarville, Mississippi**

*Adjunct Professor*, July 2002

Introductory Biology

*Secondary School Experience*

**Tikiġaq School**, Point Hope, Alaska

*Science Teacher*, August 2003 – May 2006

Grades 7-12: Biology, Physical Science, North Slope Science, General and Earth Science

**Pearl River Central High School**, Carriere, Mississippi

*Science Teacher*, August 1999 – May 2003

Biology I/II, Botany, and Environmental Science, Science Skills and Reasoning

**Related Professional Experience**

**2016 – present.** Host of Wolf Science Café. Organize monthly speakers on topics that promote awareness of science in the community.

**May 2019.** Quality Matters Certification. Applying the QM Rubric (APPQMR).

**February 2019.** Quality Matters Certification. Improving Your Online Course (IYOC).

**August 2017.** Triple Facilitator Training. Project WET, WILD, Project Learning Tree.

**September 2008 – May 2010.** Worked with the Oconee River Georgia Youth Science and Technology Consortium to align current activities with Georgia Performance Standards and create new activities that address content areas with limited inclusion. Organized activities and trained teachers in science content in preparation for upcoming family science nights.

**Spring-Summer 2009.** STEM Academy. Created materials for recruitment and advertising, organized student information and disseminated paperwork to participating high school students, prepared the organizational framework for facilitators and university personnel, collected orders and purchased equipment.

**Fall 2007-Spring 2008.** Project DIG’N. Coordinated meetings with teachers for the development of lessons related to a summer professional development workshop on environmental issues in

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Georgia. Organized teacher-developed lessons for dissemination and facilitated GSTA session where activities were presented to science teachers.

**Summer 2006.** Curriculum development. Worked with 5 teachers from the North Slope (Alaska) to develop a set of plans that enabled incoming new teachers to successfully teach North Slope science.

**Spring-Summer 2003.** University of Southern Mississippi/National Science Foundation (NSF) grant, assisted in teaching GLOBE methodology to elementary level teachers.

### **Publications in International Journals**

**All journals are peer-reviewed publications.**

**Britton, S. A., & Gisewhite, R.** (under review). Exploring Nature and Learning Science Through an Afterschool Birding Club. Submitted to the *Journal of Experiential Education*.

Gault, R., & **Britton, S. A.** (2022). Online Interdisciplinary STEM Education: A Case of Co-teaching for Social Justice. *Journal of STEM Teacher Education*, 57(1), 3.

Childers, G., Governor, D., Osmond, D., & **Britton, S.** (2021). Science Cafés: Exploring Adults' Motivation to Learn Science in a Community Space. *Research in Science Education*, 1-19.

Gilles, B. & **Britton, S.** (2020). Moving Online. *The Electronic Journal for Research in Science & Mathematics Education*, 24(3), 19-28

Jeong, S. S. K., **Britton, S.**, Haverkos, K., Kutner, M., Shume, T., & Tippins, D. (2018). Composing new understandings of sustainability in the Anthropocene. *Cultural Studies of Science Education*, 13(1), 299-315.

**Britton, S. A., Cheng, Q., Hill-Cunningham, P. R., & Carpenter-McCullough, A.** (2015). Feet to the Fire: Becoming a Teacher While Still a Student. *National Teacher Education Journal*, 8(3), 91-99.

**Britton, S.** (2014). A look into secondary science teacher preparation using citizen science. *Brazilian Journal of Research in Science Education*, 14(2), 57-66.

**Britton, S. A., & Tippins, D. J.** (August 2014). Practice or Theory: Situating Science Teacher Preparation within a Context of Ecojustice Philosophy. *Research in Science Education*, 45(3), 425-443. DOI 10.1007/s11165-014-9430-1.

### **Publications in Practitioner Journals**

**All journals are peer-reviewed publications.**

Gilles, B., **Britton, S.A., & Gault, R.** (2019). Tips for conducting a problem-based, year-long professional development for k-12 teachers. For *Georgia Association of Teacher*

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*Educators.*

Gilles, B., **Britton, S.A.**, Sutton, A. & Hawig, T. (April 2019). STEMing the flow. *Connected Science Learning*.

**Britton, S. A.**, Carpenter-McCullough, A., Ortwein, M., Parker, M. (2016). The “nature” of Common Core: Connecting science and literature through the natural world, *Science Activities: Classroom Projects and Curriculum Ideas*, 53(1), 4-12, DOI: 10.1080/00368121.2015.1081583.

Ortwein, M. J., **Britton, S.**, & McCullough. (2014) Does publish or perish academic culture foster intellectual vice? *Teachers College Record*, Date Published: March 28, 2014  
<http://www.tcrecord.org> ID Number: 17479

**Britton, S.**, Cajigal, A., Cole, G., Cox, M., Vasquez, M., Tippins, D., Guzman, A., Cabrero, M. (2010). The adventures of the gray whale: An integrated approach to learning about the long migration. *Science Scope*, 33 (8), 27-33.

### **Book Chapters**

**Britton, S.** (in progress). Science concepts for young children. In K. B. Green & J. A. Towson (Eds), *Teaching beyond the book: Methods for integrating math, science, and literacy for all preschoolers in inclusive classrooms*. Slack, Inc.

**Britton, S.** (forthcoming). Being your own worst critic... In S. Jeong, L. Bryan, D. Tippins, & C. Sexton. (Eds.). *Navigating the challenges of elementary science teaching and learning: Using case-based pedagogy to understand dilemmas of practice*. Cham, Switzerland: Springer Nature.

Keong, S., Tippins, D., Haverkos, K., Kutner, M., Kayumova, S., & **Britton, S.**, (2019). STEM Education and the Theft of Futures of our Youth: Some Questions and Challenges for Educators. Book Chapter for STEM Education. Stewart, A. (Eds.)

Tippins, D.J., Pate, P.E., **Britton, S.**, & Ammons, J. (2015). A Fork in the Road: Reclaiming a Conversation on Sustainability for Science Teacher Education in the Anthropocene. In *Educating Science Teachers for Sustainability* (pp. 69-87). Springer International Publishing.

**Britton, S.A.** & Tippins, D.J. (2015). Teaching with Citizen Science—It’s More than Just Putting out Fires! In M.P. Mueller & D.J. Tippins (Eds.) *Ecojustice, Citizen Science, and Youth Activism: Environmental Discourses Science Education*, (pp. 207-222). Dordrecht, the Netherlands: Springer.

Tippins, D., & **Britton, S. A.** (2014). Ecojustice Pedagogy. In *Encyclopedia of Science Education* (pp. 1-6). Springer Netherlands.

Tippins, D., George, J., & **Britton**, S. (2010). Considering the consequence of hybridity: Protecting traditional ecological knowledge from predation. Tippins, D.J., Mueller, M.P., van Eijck, M., & Adams, J.D. (Eds.). *Cultural studies and environmentalism: The confluence of ecojustice, place-based (science) education, and indigenous knowledge systems*, p. 349-356. New York: Springer.

Tippins, D., & **Britton**, S. (2008, October). *Exploring discourses of relevance in science education for the 21<sup>st</sup> century: A movement towards citizen science*. Paper and keynote address presented at the International Academic Conference on indigenous science and mathematics education, National Taitung University, Taitung, Taiwan.

### **Conference Proceedings**

**Britton**, S. & Gisewhite, R. A. (submitted). Cultivating Ecojustice in Science Education Through Mindfulness. Proceedings of the International Consortium for Research in Science & Mathematics Education, XVI Consultation.

Britton, S. & Gault, R. (2019). Negotiating a Co-Taught Interdisciplinary STEM Education Class in an Online Environment. In S. Carliner (Ed.), Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education (pp. 611-615). New Orleans, Louisiana, United States: Association for the Advancement of Computing in Education (AACE). Retrieved March 1, 2022 from <https://www.learntechlib.org/primary/p/211134/>.

Gault, R. G., Britton, S., & Edelman, J. (2019) An Integrative Approach to STEM Education Methods Courses for K-12 Teachers. *Interdisciplinary STEM Teaching & Learning Conference (2012-2019)*. 26. <https://digitalcommons.georgiasouthern.edu/stem/2019/2019/26>

**Britton**, S., & Gault, R. G. (2018). The Role of Social Justice in STEM Education.

### **Manuscripts in progress**

**Britton**, S. A., Haverkos, K., Gisewhite, R. (in progress). Implications of ecojustice philosophy for the 21<sup>st</sup> century: Mindfulness as an alternative pathway to understanding (for *TBD*)

**Britton**, S.A., Gisewhite, R., & (in progress). Mindfulness in the elementary classroom. Intended book for elementary teaching.

### **International Conference Presentations**

**All proposals were peer-reviewed.**

**Britton**, S., Gilles, B., & Cox, A.C. (March 2023). Session at the National Science Teachers Association Conference, Atlanta, GA.

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Gilles, B., **Britton, S.**, & Hawig, T. (March 2023). *Workshop* at the National Science Teachers Association Conference, Atlanta, GA.

**Britton, S.**, Gilles, B., Cox, A.C., & Hawig, T. (March 2023). *Workshop* at the National Science Teachers Association Conference, Atlanta, GA.

**Britton, S.**, & Gisewhite, R. (March 2023). Paper presented at the International Consortium for Research in Science and Mathematics Education, Panama, Panama.

Gisewhite, R. & **Britton, S.** (March 2023). Paper presented at the International Consortium for Research in Science and Mathematics Education, Panama, Panama.

Gisewhite, R., Gatling, A., & **Britton, S.** (January 2023). One approach to Extending the Draw a Scientist Tool. Poster presented at the Association for Science Teacher Education in Salt Lake City, Utah.

**Britton, S.**, & Gault, R. (February 2022). Challenging the STEM education perspective: Using *The Immortal Life of Henrietta Lacks* by Rebecca Skloot to confront social justice issues in STEM. Presentation for Critical Questions in Education Conference, Charleston, SC.

**Britton, S.**, Shume, T., Carnes, N., Steele, D., Gatling, A., Gisewhite, R., Upadhyaya, B., Jeong, S. (January 2022). The Role of Equity in STEM Education: A Multidimensional Challenge. Paper accepted at the Association of Science Teacher Educators, Greenville, SC. *session canceled due to covid*

Gisewhite, R., Haverkos, K., & **Britton, S.** (October 2020). STEM Education for good: Weaving ecojustice and mindfulness to challenge power and privilege in the science classroom. Paper presented at the National Association for Multicultural Education, Montgomery, AL. *held online due to covid*

Gault, R., & **Britton, S.** (October 2020). Negotiating Interdisciplinary Online STEM Education for Social Justice. Paper presented at the National Association for Multicultural Education, Montgomery, AL. *held online due to covid*

**Britton, S.A.**, Chinn, P, Jeong, S., Ogunniyi, M., Ortega, I., Otulaja, F., and Tippins, D. (April, 2019). Pre-conference workshop: Indigenous Science Research - Navigating the Process of Knowing. *Workshop* conducted at the international conference for the National Association for Research in Science Teaching, Baltimore, MD.

Jeong, S., **Britton, S.**, Jeong, S, Leslie, L., Steele, D., & Tippins, D. (January 2019) Challenges in Preparing Teachers for Diversity in Today's Science Classrooms: Considering Wicked Problems. Paper presented at the Association of Science Teacher Educators, Savannah, GA.

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- Gault, R., **Britton, S.**, & Drake, J. (November 2018). *Problematizing STEM with Ecojustice Pedagogy*. Paper presented at the National Association for Multicultural Education, Memphis, TN.
- Childers, G., Governor, D., & **Britton, S.** (April 2018). *Science and The Community: Exploring Individuals' Motivations In Attending Science Cafés*. Paper presentation at the annual conference of **American Educational Research Association**, New York, New York.
- Childers, G., Governor, D., & **Britton, S.** (March 2018). *Promoting Science Through Public Engagement: Exploring Citizen's Science Interest and Motivation in Attending Science Cafes*. Paper presented at the **National Association for Research in Science Teaching**, International Conference held in Atlanta, GA.
- Childers, G., Governor, D., & **Britton, S.** (March 2018). *Bridging the gap between science and society: Exploring citizens' motivations and influences in attending science cafés*. Paper presentation at the annual conference of the **Association of Science Teacher Educators**, Baltimore, MD.
- Jeong, S., Haverkos, K., Tippins, D., Upadhyay, B., Kayumova, S., Rodriguez, C. Kim, H., **Britton, S.**, Walker, R., Pate, E. (April 2017). *From Globalization to Glocalization: Developing Ecological Sociopolitical Consciousness in Science Education*. Symposium presented at the **National Association for Research in Science Teaching**, International Conference held in San Antonio, TX.
- Walker, R., Clary, R., Posadas, G., Huston, K., Hillesheim, C. **Britton, S.**, Coley, A. (April 2017). *Exploring Secondary Education STEM Curricula using State Longitudinal Data System*. Paper set presented at the **National Association for Research in Science Teaching**, International Conference held in San Antonio, TX.
- Clary, R., Walker, R., Posadas, G., Huston, K., **Britton, S.** (April 2017). *The Relationship Between High School STEM Exposure and STEM College Outcomes*. Paper set presented at the **National Association for Research in Science Teaching**, International Conference held in San Antonio, TX.
- Posadas, G., Walker, R., Clary, R., Huston, K., **Britton, S.** (April 2017). *STEM Post-Secondary Training Pathways*. Paper set presented at the **National Association for Research in Science Teaching**, International Conference held in San Antonio, TX.
- Huston, K., Walker, R., Clary, R., Posadas, G., **Britton, S.**, Lee, S. (April 2017). *Post-Secondary STEM Graduates Entering into the Workforce*. Paper set presented at the **National Association for Research in Science Teaching**, International Conference held in San Antonio, TX.

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- Britton, S.**, Quigley, C., Reiss, M., Alsop, S., Bentley, C., Haverkos, K., Jeong, S., Kayumova, S., Kinslow, A., Luther, R., Sadler, T., Shume, T., Tippins, D., Zeidler, D. (April 2016). *How Should We Treat Animals in Science Education? Special Symposium at the National Association for Research in Science Teaching*, International Conference held in Baltimore, MD.
- Britton, S.** & McCullough, A.J. (January 2016). *Uncovering Ecojustice within an online learning environment*. Paper presentation at the annual conference of the **Association of Teacher Educators**, Reno, NV.
- Britton, S.**, Cheng, Q., & Hill-Cunningham, P. R., McCullough, A.J. (April 2015). *Night at the museum: Learning to teach in an informal setting*. Poster at the **National Association for Research in Science Teaching**, International Conference held in Chicago, IL.
- Cheng, Q., **Britton, S.**, & Hill-Cunningham, P. R. (April 2015). *Learning to teach through informal learning: Field trip as a situated learning context*. Paper presentation at the annual conference of **American Educational Research Association**, Chicago, IL.
- Cheng, Q., Zhao, N., **Britton, S.**, & Hill-Cunningham, P. R. (April 2015). *Low family SES and high student mathematics achievement: Exploring the paradox in six Asian education systems*. Paper presentation at the annual conference of **American Educational Research Association**, Chicago, IL.
- Cheng, Q., **Britton, S.**, & Hill-Cunningham, P. R. (February 2015). *Enhancing Pre-Service Teachers' Learning to Teach through Chaperoning: Field Trip as a Way of Informal Learning*. Paper presentation at the annual conference of **Association of Teacher Educators**, Phoenix, AZ.
- Luther, R., Mueller, M., **Britton, S.** & Haverkos, K. (January 2015). *21st Century Informal Science Education: Building Moral Compasses, Engaging the Past, and Making Pragmatic Connections in Science Teacher Preparation through Informal Education*. Paper presentation at the **Association of Science Teacher Educators** International Conference, Portland, OR.
- Blatt, E. N., Tippins, D.J., Rudolph, H., **Britton, S.**, Patrick, P., & Aguilar, O. (April 2014). *Sociocultural Research in Environmental Education: Approaches, Methods, and Contexts*. Symposium at the **National Association for Research in Science Teaching**, International Conference held in Pittsburgh, PA.
- Jenkins, L., **Britton, S.**, Tippins, D., & Pate, E. (April 2014). *Citizen Science in the Education of Teachers: Developing a Sense of Place, Agency and Mindfulness*. Symposium at the **National Association for Research in Science Teaching**, International Conference held in Pittsburgh, PA.

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Jenkins, L., **Britton**, S., Tippins, D., & Pate, E. (January 2014). *Tensions that occurred when citizen science served as a framework for secondary science teacher preparation*. Panelist in ‘Citizen Science in the Education of Teachers: Developing a Sense of Place, Agency and Mindfulness’ at the **Association of Science Teacher Educators** International Conference held in San Antonio, TX.

**Britton**, S. (January 2014). *Literature and nature – connecting them in the elementary classroom*. Syllabus sharing session at the **Association of Science Teacher Educators** International Conference held in San Antonio, TX.

**Britton**, S., Jenkins, L., Mueller, M., Tippins, D., & Bryan, L. (January 2012). *Tensions that occurred when citizen science served as a framework for secondary science teacher preparation*. Panelist/leader in ‘Teachers’ Tensions in Citizen Science, Ethics in Citizen Science at Tremont Institute and The Future of Citizen Science’ at the **Association of Science Teacher Educators** International Conference held in Clearwater, FL.

**Britton**, S., Tippins, D. J., & Freeman, M. (April 2011). *Using Citizen Science as a Framework for Teaching Pre-Service Secondary Science Teachers: How does understanding emerge?* Paper presentation at the National Association for Research in Science Teaching, International Conference held in Orlando, FL.

**Britton**, S. & Tippins, D.J. (January 2011). *A semester’s glimpse into using citizen science in pre-service science teacher preparation*. Paper presentation at the Association of Science Teacher Educators International Conference held in Minneapolis, MN.

**Britton**, S. (February 2010). *How do I incorporate my researcher reflective journal into my findings hermeneutically?* Paper presented at the 31<sup>st</sup> Annual Ethnography in Education Research Forum held in Philadelphia, PA.

**Britton**, S. (February 2010). *Citizen science as a framework for secondary science teacher preparation: A hermeneutic ethnography*. Paper presented at the 31<sup>st</sup> Annual Ethnography in Education Research Forum held in Philadelphia, PA.

Tippins, D., Thomson, N., **Britton**, S., Cajigal, A., Cole, G., Governor, D. (January 2010). *Towards the Development of an International Science Teacher Education Course: Some Strategies, Issues, and Experiences*. Paper presentation at Association of Science Teacher Educators Annual Conference, Sacramento, CA.

**Britton**, S. (October 2008). *Addressing the Confluence of Ecojustice, Place-based Education, and the Local Knowledges and Skills of Arctic Communities*. Panelist in “Rethinking an Education from Nowhere: Advocacy, EcoJustice, and Uncertainty” at American Educational Studies Association Annual Conference, Savannah, GA.

## **Regional Conference Presentations**

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- Britton, S., Cox, A.C., Gisewhite, R., & Hawig, T. (Fall 2023). Hydrology for teachers. Workshop presented at the Southeastern Environmental Education Alliance conference, Spencer, TN.
- Gisewhite, R. & Britton, S. (Fall 2023). Establishing more mindful spaces for learning. Presentation at the Southeastern Environmental Education Alliance conference, Spencer, TN.
- Britton, S., Cox, A.C., & Gisewhite, R.. (Fall 2023). Addressing ecojustice in k-12 formal education. Presentation at the Southeastern Environmental Education Alliance conference, Spencer, TN.
- Cox, A.C., Gisewhite, R., & Britton, S. (Fall 2023). Integrating content through nature journaling. Presentation presented at the Southeastern Environmental Education Alliance conference, Spencer, TN.
- Gisewhite, R., Britton, S. (2022) Paper presented to the Southeastern Association of Science Teacher Educators, Gulf Shores, AL.
- Gisewhite, R., **Britton, S.**, & Rogers, K. (2021). STEM for the Birds: A Systematic Analysis. Paper presented to the Southeastern Association of Science Teacher Educators, Safety Harbor, FL.
- Rogers, K., & **Britton, S.** (2021). Elementary kids birding. Paper presented to the Southeastern Association of Science Teacher Educators, Safety Harbor, FL.
- Gault, R., **Britton, S.** (March 2019). An Integrative Approach to STEM Education Methods Courses for K-12 Teachers. Presentation accepted for the Interdisciplinary STEM Teaching and Learning Conference, Savannah, GA.
- Britton, S.** & Gilles, B. (October 2018). *Current partnerships with local urban school district to learn about watersheds*. Presentation to the Southeastern Association of Science Teacher Educators, Birmingham, AL.
- Gault, R., **Britton, S.** (October 2018). *The Role of Social Justice in STEM Education*. Presentation to the Southeastern Association of Science Teacher Educators, Birmingham, AL.
- Gault, R., **Britton, S.** (March 2018). *The Role of Social Justice in STEM Education*. . Presentation accepted for the Interdisciplinary STEM Teaching and Learning Conference, Savannah, GA.
- Childers, G., Governor, D., & **Britton, S.** (October 2017). *Science and the Public: Engaging Communities through Science Cafe Experiences*. Paper presented at the Southern Association of Science Teacher Educators Annual Conference, Pensacola, FL.
- Britton, S.** (October 2011). *Nature as an educator: One example of outdoor learning*. Paper presentation at the Southern Association of Science Teacher Educators Annual Conference, Athens, GA.

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**Britton, S. & Tippins, D.J.** (October 2010). *Developing citizen science as a teaching philosophy- Is it possible in a pre-service science teacher classroom?* Paper presentation at Southern Association of Science Teacher Educators Annual Conference, Decatur, GA.

**Britton, S.** (December 2009). *Citizen science as a framework for secondary science teacher preparation: A hermeneutic ethnography.* Presentation for the Student Qualitative Inquiry Group Conference held in Athens, GA.

**Britton, S.** (October 2009). *Considering alternative formats for family science night: What can be learned?* Paper presentation at Southern Association of Science Teacher Educators Annual Conference, Kennesaw, GA.

### **Practitioner-Based Conference Presentations**

**Green, K. & Britton, S.** (May 2018) *SoTL Brainstorming Sessions: Learn Ways to Conduct Research in your Classroom.* Innovations in Pedagogy Conference at the University of West Georgia.

**Britton, S. & Green, K.** (May 2018) *Being a productive researcher while still a valued educator.* Innovations in Pedagogy Conference at the University of West Georgia.

**Britton, S.** (October 2013). *Rotation or Revolution: Exploring concepts in 'Earth' science.* Mississippi Science Teachers Association (MSTA), Jackson, MS.

**Britton, S.,** Elementary Methods Students. (October 2013). *Integrating science into the elementary classroom through children's literature* – collaboration with pre-service elementary teachers. MSTA, Jackson, MS.

**Britton, S., Arcutt, T., & Eldred, T.** (October 2012). *Integrating science into the elementary classroom through children's literature* – collaboration with pre-service elementary teachers. MSTA, Jackson, MS.

**Britton, S.** (February 2008). *Considering alternative activities for alternative solutions.* Presentation at Georgia Science Teachers Association, Athens, GA.

Tippins, D., **Britton, S.,** and Elementary pre-service teachers. (February 2008). *Connecting Science and Language in the Classroom: An Elementary Extravaganza.* Paper presented at the Georgia Science Teachers Association Annual Conference held in Athens, GA.

### **Invited Talks**

**Britton, S.** (2022). *Career advice and life in academia.* Invited guest speaker for Doctoral Seminar at the University of Georgia.

**3**Britton, S., Conrad, S., & Willingham, A. (2015). *Current trends in k-16 education in the United States*. Invited lecture for teaching candidates at the Mariano Marcos State University, Laoag City, Philippines.

**2**Britton, S. (July 2014). *Understanding the Earth's rotation*. Invited lecture for graduate students at the University of Georgia, Athens, GA.

**1**Britton, S. (May 2014). Seasons and Earth's Rotation – Integrating content with third graders. Guest teacher at Strayhorn Elementary School, Sarah, MS.

Britton, S. (June 2013). *Integrating earth and space science within the middle school classroom*. Invited lecture for middle school teachers at the University of Georgia, Athens, GA.

## **Grants**

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| March 2022     | Postdoctoral Research Opportunities and Mentoring for Inclusive STEM Education (PROMISE), National Science Foundation. Grant prepared with Clemson, Claflin, and UWG. UWG funding request <b>\$652,550.00</b> . Not funded.                                    |
| September 2021 | Preparing rural educators to teach locally-tailored and globally-focused science, subcontract, <b>\$347,047.00</b> , National Science Foundation. Prepared by Buck, G.A., Akerson, V., Gilles, B., Fouad, K. (submitted). Co-primary Investigator. Not funded. |
| July 2021      | Internal grant for summer student research assistant. <i>Birdsong and Communication: Research with Carrollton City Schools</i> . <b>\$1,260</b> , Primary Investigator.  |
| August 2020    | Internal grant for student research assistant. <i>STEM is for the Birds: Research with Carrollton City Schools</i> . <b>\$1,800</b> , Primary Investigator.  |
| February 2019  | Internal grant for summer student research assistant. <i>Watershed Curriculum Development with Carrollton City Schools</i> . <b>\$1,250</b> , Primary Investigator.  |
| September 2018 | WATER for Water Grant. Applied for and received with CS Britton, Inc. <b>\$12,000.00</b> in collaboration with Brent Gilles and Rebecca Gault. Co-Primary Investigator.  |
| September 2018 | Internal Seed Grant. <i>STEM for Justice Interview Project</i> . Not funded.   |
| August 2018    | Summer Science Series 2019. Applied for Community Impact Grant with the West Georgia Community Foundation, <b>\$15,372.00</b> . Primary Investigator. Not funded.  |

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- August 2018      STREAM Initiative- Teacher training for Carrollton City Schools. Applied for Community Impact Grant with to the West Georgia Community Foundation, **\$18,177.00**. Co-Primary Investigator. Not funded.
- April 2018      Internal Award for Student Research Assistant Program. *Documenting the Role of STEM Professionals through Videography*. Awarded. **\$1,450.00** Primary Investigator. Funded.
- August 2017      Applied for Cedar Tree Foundation Grant. *Experiential Learning through Aquatic Environments*. **\$93,212.00**. Co-Primary Investigator. Not funded.
- Spring 2017      Internal Award for Innovations in Teaching and Learning, COE. *Online Classroom Organization to Maximize Student*. Awarded. **\$2,850.00**. Co-Primary Investigator.
- Fall 2016      Applied for Teacher Quality Grant, State of Georgia. *Flying Together: Connecting with Science through Birds*. Awarded. **\$47,018.52**. Co-Primary Investigator.

### **Professional Memberships**

- 2009 - Present      Association for Science Teacher Educators  
 2011 - 2016      Mississippi Science Teachers Association  
 2008 - Present      National Association of Research in Science Teaching  
 2011 - Present      National Science Teachers Association  
 2018 – Present      National Association for Multicultural Education  
 2009 - Present      Southern Association of Science Teacher Educators  
 2014 - 2017      Kappa Delta Pi

### **Conference Proposal Reviewer**

- 2014-2016, 2022,      Association for Science Teacher Educators  
 2024  
 2014-2018      National Association of Research in Science Teaching  
 2018      Innovations in Pedagogy

### **Journal Reviewer**

- 2014 – present      *Cultural Studies in Science Education* (2014-present)  
 2014 – present      *International Journal of Science Education*  
 2014 – present      *International Journal of Environmental Science Education*  
 2014 – present      *Science Activities*  
 2014 – present      *Research in Science Education*  
 2017      *Journal of Contemporary Ethnography*

### **Recognitions or Outstanding Achievements/Scholarship**

- 2017      International Ambassador Award, The University of West Georgia  
 2013-2014      Kappa Delta Pi Chapter Program Award

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2003 *Science Educator Award.* The University of Southern Mississippi, Sigma Xi  
–Scientific Research Society

### **Service to Community and State**

2022 - present Georgia Coordinator for the State Science Bowl  
 2022 - present Georgia Native Plant Society Education Committee  
 2017 -present STREAM Initiative team at Carrollton City Schools  
 2017 -present Co-sponsor the Wolf Science Café  
 2016 - 2022 Co-chair for GA Middle School Sub-Regional Science Bowl  
 2018 –2019 Co-Director for West Georgia Regional Science and Engineering Fair  
 Fall 2018 Presented at Carrollton STEM Fest sponsored by UWG and Oak Mountain Academy  
 2016 - 2018 Directors Committee for West Georgia Regional Science and Engineering Fair  
 Fall 2017 Ecojustice in the community. Guest speaker with Kathy Barrett at the Carroll County League of Women Voters, Carrollton, GA.  
 2017 Sustainable Energy Expo at Carrollton Middle School-shared environmental education activities  
 2016 Reviewer of Teacher Quality Grants, Georgia  
 2013-2014 Volunteer at Baptist Memorial Hospital, Intensive Care Unit  
 2011-2014 Mid-South Food Bank, Speakers Bureau  
 2011-2014 Volunteer at Mid-South Food Bank  
 2011-2014 Faculty volunteer at Mississippi Geographic Alliance pre-service teacher workshop

### **Service to Regional, National and International Organizations**

2020 - present Editorial Review Board for *The Electronic Journal for Research in Science and Mathematics Education*  
 2019 - present Technology and Website Maintenance Coordinator at SASTE  
 2021-2022 Moderator for the International Conference for Research in Science and Mathematics Education  
 2018-2020 Steering Committee Chair (elected position), Indigenous Science Knowledge RIG (NARST)  
 2017-2018 Steering Committee Member, Indigenous Science Knowledge RIG (NARST)  
 2017 President-elect for the SASTE  
 2014-2018 Cultural Studies in Science Education Best Paper Award Selection Committee  
 2016 – 2017 Professional Development Committee (appointed position) (ASTE)

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2015-2016	Environmental Education Co-chair, Strand 14 (appointed position) (NARST)
2012-2017	Conference mentor (volunteer) (ASTE)
2012-2017	Conference mentor (volunteer) (NARST)
2012-2016	Faculty advisor for the Desoto chapter of the Mississippi Association of Educators
2012 – 2015	Professional Development Committee (appointed position) (ASTE)

### **Service to Discipline and Community - Teacher training**

Spring 2022	Project WILD training ( <b>7 preservice teachers</b> )
Fall 2021	Project WILD training ( <b>25 preservice teachers</b> )
Spring 2021	Project WILD training ( <b>19 preservice teachers</b> )
Fall 2020	Project WILD training ( <b>27 preservice teachers</b> )
January 2019	Project WILD training ( <b>9 teachers/community members</b> )
Fall 2018	Project WET training within ECSE 4762 ( <b>10 preservice teachers</b> )
October 2018	Project WET training for West GYSTC ( <b>6 Community members</b> )
August 2018	Project Learning Tree training for West GYSTC ( <b>11 teachers</b> )
May 2018	Project WET training for West GYSTC ( <b>3 teachers</b> )
April 2018	Project Learning Tree training ( <b>8 teachers</b> )
April 2018	Project WILD training ( <b>12 teachers</b> )
March 2018	Project WET training – ( <b>11 teachers</b> )
Spring 2018	Project WET training ECED 4262/ECSE 4762 ( <b>49 preservice teachers</b> )

### **Service to School Districts**

2021 - 2023	Volunteer Carrollton Lower Elementary Bird Club (1x monthly)
2019- 2022	Guest for Carrollton High School Stream Club (2-3 times per semester)
Fall 2021	Guest with Carrollton Elementary STEM Classroom and Birding Club
August 2021	Resources for integrating PLT in the middle school, Paulding County (WestGYSTC)
January 2019	Guest reader for Carrollton Junior High Science Bowl Team
January 2019	Chaperone for Carrollton Junior High Coastal Georgia experience (3 days)
Spring 2019	Organized and facilitated three additional teacher professional development days for Carrollton City Schools, in collaboration with 2 departmental colleagues and various invited community stakeholders
Fall 2018	Organized and facilitated three teacher professional development days for Carrollton City Schools, in collaboration with 2 departmental colleagues
Fall 2018	Guest educator at Carrollton High School, Biology Class (4 visits)
October 2018	Guest educator at Carrollton Junior High, Watershed activities with 7 <sup>th</sup> grade
Fall 2018	Sponsor Intern from Carrollton City Schools to work in UWG Bio lab
Spring 2018	Extended work with Carrollton High School, Hawig Classes
Spring 2018	Speaker at Carrollton High School, Environmental Science, IB class.

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October 2017	Environmental science in the community. Invited speaker (as part of team) for International Baccalaureate students in environmental science at Carrollton High School, Carrollton, GA.
November 2017	Organized scientist roundtable for CHS IB students with community members
September 2017	Guest speaker at Carrollton High School for the Environmental Science International Baccalaureate class
Fall 2017	Volunteer chaperone for West Point Lake Floating Classroom with Roopville Elementary School
Spring 2017	Involved with lesson planning for Fourth-grade Science/Social Studies at Western Elementary School, Newnan, GA
Spring 2016	Guest teacher at Desoto Central Elementary School, Southaven, MS (co-taught integrated science unit with current and former student for 3 consecutive days)
Spring 2016	Guest Reader for Dr. Seuss Day at Desoto Central Elementary School, Southaven, MS
Spring 2016	Science tutor for ACT workshop hosted by McLean Institute in Jonestown, MS
Spring 2014	Guest teacher at Strayhorn Elementary School, Sarah, MS

### **Service to the University of West Georgia**

#### *Department of Early Childhood through Secondary Education*

Search Committee Chair, Clinical Assistant Professor of Elementary Education (2022)

Representative for Preview Day (Fall 2018)

STEM Endorsement Contact Representative (2018)

Representative for Preview Day (January 2017)

Sunshine/Hospitality Committee (2016-present)

Search Committee, Assistant Professor of Mathematics Education (2017)

Masters Advisor (2017 - present) 150+ students

Received Departmental Service Award (2017-2018 2x)

#### *College of Education*

Co-chair for New Teacher Candidate Symposium (2017-2019)

Faculty Development, Mentoring, and Retention Committee (2016-2019)

Committee Chair (2017-2018) Co-Chair (2018-2019)

Provide assistance with Kappa Delta Pi (2017)

Representative on Interview Day (January 2017)

International Initiatives Workgroup (2016-2017)

Development team for STEM Endorsement (GaPSC) (2016 – 2017)

#### *University*

QEP Review and Assessment Team (2022)

Faculty Development Committee (2019-2021)

Wolf Writers Conference Planning (2017-present)

Wolf Writers (weekly writing) (2016-present)

Pack Premiere Event (2017)

Review proposals for Innovations in Pedagogy Conference (2017)

### **Service to the University of Mississippi**

*Department of Teacher Education*

Student Dispositions Committee (2012 – 2016)

Graduate student recruitment events, secondary representative

*School of Education*

Faculty advisor for Desoto Teachers of Tomorrow, Mississippi Association of Educators-  
Student Chapter (2012-2016)

Faculty mentor for Kappa Delta Pi (2014-2016)

Graduate Research Revision Committee (2014-2015)

Assessment Committee (2012-present)

Search Committee, Clinical Assistant Professor of Teacher Education- four openings (2012)

Search Committee, Assistant/Associate Professor of Educational Research (2012)

“Wish list” Committee (2012)

Qualitative methodologist for doctoral committees (2 students)

*University*

School of Education representative for the Taylor Medal Selection Committee (2013)

University Standing Committee for Student Affairs (2015-2016)