

# CURRICULUM VITAE

## **Chelsea Richard, PhD, MSPH**

formerly Chelsea Lynes

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### **EDUCATION**

- 2021                      PhD, Epidemiology  
University of South Carolina, Columbia, SC  
Dissertation title: “Intersection of maternal disability status, prescription opioid use before and during pregnancy, and adverse birth outcomes”
- 2015                      MSPH, Epidemiology  
University of South Carolina, Columbia, SC  
Thesis title: “Interpregnancy weight change and adverse maternal outcomes”
- 2012                      BS, Biology, *Magna cum Laude*  
University of Massachusetts Boston, Boston, MA
- 2008 – 2010              Boston University, Boston, MA

### **PROFESSIONAL EXPERIENCE**

- 2019 –                      South Carolina First Steps, Columbia, SC  
2021 – :                      Director of Research and Strategy  
2019 – 2021:                Strategic Impact Manager
- 2015 – 2019              South Carolina Department of Health and Environmental Control, Columbia, SC  
2015 – 2019:                Behavioral Risk Factor Surveillance System Coordinator  
2016 – 2019:                Children’s Health Assessment Survey Coordinator  
2016 – 2019:                Pregnancy Risk Assessment Monitoring System Data Analyst  
2016 – 2017:                Environmental Public Health Tracking Epidemiology Support
- 2012 – 2013              Data Coordinator and Manager  
Brigham and Women’s Hospital, Boston, MA

## PEER-REVIEWED JOURNAL ARTICLES

1. Srivastav A, **Richard C**, Stafford McRell A, Kaufman M. Safe and Supportive Neighborhoods Protect Children from the Health Effects of ACEs. *Journ Child Adol Trauma*. 2022 Jul.
2. **Richard CL**, Love BL, Boghossian N, Hardin J, McDermott S. Are pregnant women with disability prescribed opioids more and at higher dosages than those without disability?: a retrospective cohort study of South Carolina Medicaid beneficiaries. *Disabil Health J*. 2022 Jun;15(2S):101288.
3. Elmore AL, Omofuma OO, Sevoyan M, **Richard CL**, Liu J. Prescription opioid use among women of reproductive age in the United States: NHANES, 2003-2018. *Prev Med*. 2021 Dec;153.
4. Srivastav A, **Richard CL**, Stafford McRell A, Strompolis M. The Unintended Consequence of Novel Coronavirus (COVID-19) Pandemic on Racial Inequities Associated with Adverse Childhood Experiences (ACEs): Findings from a population-based study. *Front in Public Health*. 2021 Oct;9.
5. Strange C, **Richard CL**, Shan S, Phillips BA, Kanotra S, Drummond MB, Megenhardt L, Lal C, Pleasants RA. A Population-based Estimate of the Healthcare Burden of Obstructive Sleep Apnea using a STOP-BAG Questionnaire in South Carolina. *J Clin Sleep Med*. 2021 Mar 1;17(3):367-374.
6. Srivastav A, **Richard CL**, Kipp C, Strompolis M, White K. Racial/ethnic disparities in health care access are associated with adverse childhood experiences. *J Racial Ethn Health Disparities*. 2020 Dec;7(6):1225-1233.
7. Srivastav A, Strompolis M, Kipp C, **Richard CL**, Thrasher JF. Moderating the effects of adverse childhood experiences to address inequities in tobacco-related risk behaviors. *Health Promot Pract*. 2020 Jan;21(1\_suppl):139S-147S.
8. Pleasants RA, Heidari K, Ohar J, Donohue JF, Lugogo N, **Richard CL**, Kanotra S, Kraft M, Liao W, Mannino D, Strange C. Use of a cross-sectional survey in the adult population to characterize persons at high-risk for chronic obstructive pulmonary disease. *Healthcare (Basel)*. 2019 Jan 18;7(1).

9. AlHasan D, Breneman C, **Lynes C**, Callahan-Myrick K. Factors that influence parental misperception of their child's actual weight status in South Carolina. *Matern Child Health J*. 2018 Jul;22(7):1077-1084. Epub 2018 Feb 22.
10. Davis HT, **Lynes C**, Corley HR. South Carolina Environmental Public Health Tracking program's role in monitoring and reducing occupational exposure to lead: public health actions in collaboration with the South Carolina Occupational Safety and Health Administration. *J Public Health Manag Pract*. 2017 Sep/Oct;23 Suppl 5 Supplement, Environmental Public Health Tracking:S53-S59.
11. **Lynes C**, Mclain A, Yeung EH, Albert P, Liu J, Boghossian NS. Interpregnancy weight change and adverse maternal outcomes: a retrospective cohort study. *Ann Epidemiol*. 2017 Oct;27(10):632-637.e5. Epub 2017 Sep 21.
12. **Lynes C**, Phillips J, Keane C, Sloan D, Berger AM. An Evaluation of a Bereavement Program in a US Research Hospital. *Am J Hosp Palliat Care*. Mar 2016; 33(2): 150-153.

#### **SUBMITTED MANUSCRIPTS**

1. Fan X, D'Amico LK, Kilburn J, Jones A, **Richard C**, Garrett S, Leverage L. Multi-level Impacts of a Targeted Summer Transition Program to Support Kindergarten Readiness and Success. Submitted to *Children and Youth Services Review* on October 8, 2022.

#### **HONORS AND AWARDS**

2021	Best & Brightest 35 and Under Columbia Business Monthly
2021	Winner, Graduate Student Poster Award Discover UofSC
2021	Winner, Maternal and Child Health Abstract Contest Discover UofSC
2017 – 2021	Presidential Fellowship The Graduate School, University of South Carolina \$47,000 in tuition over four years and professional development
2017 – 2019	Full Travel Award to Annual Meeting Council of State and Territorial Epidemiologists

- 2019 Travel Award to American Public Health Association Annual Meeting  
The Graduate School, University of South Carolina
- 2018 Inducted as an Associate Member  
American College of Epidemiology
- 2016 Winner, Best Clinical Science Poster  
Carolina Women's Health Research Forum
- 2015 Inducted as a Graduating Student  
Mu Chapter of Delta Omega Honor Society  
Arnold School of Public Health, University of South Carolina
- 2014 Winona B. Vernberg Fellowship  
Arnold School of Public Health, University of South Carolina  
\$2,000 in tuition for one year
- 2014 Intramural Research Training Award (Summer Internship Program)  
Clinical Center, National Institutes of Health
- 2012 *Magna cum Laude*  
University of Massachusetts Boston
- 2011 – 2012 Dean's List (Spring/Fall 2011; Spring 2012)  
University of Massachusetts Boston
- 2008 Merit Scholarship  
Boston University  
\$40,000 in tuition over four years

## **TEACHING EXPERIENCE**

Key: \*Online section

University of South Carolina

Graduate Level

Adjunct Instructor

Quantitative Methods for Health Administration (Spring 2022; Spring 2023)

Teaching Assistant

Quantitative Methods for Public Health Practice\* (Fall 2019; Fall 2020)

Intermediate Epidemiologic Methods (Spring 2018; Spring 2019)

Introduction to Epidemiology\* (Summer 2015)

Undergraduate Level

Teaching Assistant

Public Health Capstone Seminar (Spring 2020)

Principles of Epidemiology (Fall 2017; Fall 2018; Spring 2021)

Microbiology Lab (Spring/Fall 2014; Spring/Summer 2015)

Adjunct Instructor

Microbiology Lab (Fall 2015; Fall 2016)

Bacteriology Lab (Fall 2015)

## GRANT FUNDING

### Funded

Effect of Maternal Disability Status and Prescription Opioid Use Before and During Pregnancy on Small-for-Gestational Age Infants

Source: University of South Carolina (Support to Promote Advancement of Research and Creativity (SPARC) Graduate Research Grant)

Project period: May 1, 2020 – July 31, 2021; Role: Principal investigator (100%)

Total costs: \$4,594

### Not funded

Prescription opioid use, pregnancy, and disability among Medicaid enrollees in South Carolina

Source: National Institutes of Health (Ruth L. Kirschstein National Research Service Award Individual Predoctoral Fellowship; NIH-F31-PA-19-915)

Project period: April 1, 2020 – March 30, 2021; Role: Principal investigator (100%)

## ORAL PRESENTATIONS

Key: Presenter; *Mentored student or graduate assistant*

1. **Richard CL.** (May 2023) American Community Survey (ACS) Data: Driving Needs Assessments, Strategic Planning, and Funding Allocations for Early Childhood Programs in South Carolina. Oral presentation at the ACS Data Users Virtual Conference.
2. Jones AC and **Richard CL.** (April 2023) More Than Numbers: Bringing Data to Life Through Stories. Eastern Evaluation Research Society 2023 Annual Meeting, Virtual.
3. Fan X, D'Amico LK, Kilburn J, Jones A, **Richard C**, Garrett S, Leverage L. (April 2023) Supporting At-Promise Children for Kindergarten Readiness: Impact of a Summer Transition Program. Roundtable presentation at the American Educational Research Association 2023 Annual Meeting, Chicago, IL.

4. Jones AC and **Richard CL**. (February 2023) Using family voice to improve practice – lessons learned from implementing rapid-cycle, high-quality feedback loops in a statewide network of home visiting providers. Oral presentation at the Nurturing Developing Minds 2023 Annual Conference, Greenville, SC.
5. Srivastav A, **Richard C**, Stafford McRell A, Kaufman M. (Nov 2022) Safe and Supportive Neighborhoods Protect Children from the Health Effects of ACEs. Oral presentation at the American Public Health Association Annual Meeting, Boston, MA.
6. **Richard CL**, Shapiro C, Manseth K, Perry M. (Nov 2022) Parents as Teachers home visiting program associated with increased well-child visit uptake in South Carolina. Oral presentation at the American Public Health Association Annual Meeting, Boston, MA.
7. **Richard CL** and McDermott S. (June 2021) Do Women with Disability Have a Higher Risk of Adverse Birth Outcomes Than Their Counterparts without Disability?: A Retrospective Study of South Carolina Medicaid Beneficiaries. Breakout session presentation at the Council of State and Territorial Epidemiologists Annual Virtual Meeting.
8. Avalos C, **Richard CL**, Srivastav A, Davis HT, Stropolis M. (November 2019) Expanded adverse childhood experience (ACEs) questions in SC: food insecurity, homelessness, and lack of basic needs' impact on quality of life. Oral presentation at the American Public Health Association Annual Meeting, Philadelphia, PA.
9. Lal C, **Richard CL**, Shan S, Strange C, Philips B, Kanotra S, Drummond B, Pleasants R. (October 2019) Targeting obstructive sleep apnea using state-based surveillance. Oral presentation at CHEST Annual Meeting, New Orleans, LA.
10. Chiodini S, **Richard CL**, Davis HT, Hurley D. (June 2019) Surveillance of HPV-associated oropharyngeal cancers in South Carolina. Oral presentation at the North American Association of Central Cancer Registries Annual Conference, Vancouver, BC, Canada.
11. Davis HT and **Richard CL**. (June 2019) Perceived treatment when accessing health care based on race and having a routine health check-up within the past year: A 2016-2017 South Carolina Behavioral Risk Factor Surveillance System Analysis. Lightning session at the Council of State and Territorial Epidemiologists Annual Conference, Raleigh, NC.
12. Leedom VO, Provenzano B, Simpson KW, **Richard CL**. (March 2019) Talk the Talk and Drive the Drive: Creating an MCH workforce that helps women thrive. Workshop presentation at Association of Maternal and Child Health Programs, San Antonio, TX.

13. Karim S, Zhang Z, Lohman M, **Richard CL**, Liu J. (February 2019) Does prenatal physical activity modify the association between stress during pregnancy and postpartum depression?. Oral presentation at SC DHEC/USC Health Data Symposium, Columbia, SC.
14. Simpson KW, Davis HT, **Richard CL**. (October 2018) Gift card incentive/reward influence on response rate for South Carolina PRAMS. Oral Presentation at Southern Association of Public Opinion Research Annual Conference, Raleigh, NC.
15. AlHasan DM, **Richard CL**, Leedom VO, Simpson KW, Davis HT. (September 2018) Maternal healthcare needs identified in South Carolina: A Qualitative Analysis of the 2015 Pregnancy Risk Assessment Monitoring System. Oral presentation at CityMatCH conference, Portland, OR.
16. **Richard CL**, Sulkowski B, Davis HT. (April 2018) Subjective cognitive decline in South Carolina's adults: is it associated with rurality?. Oral presentation at 2018 BRFSS Training Workshop, Atlanta, GA.
17. French M, Jackson TL, **Richard CL**, Shean J. (April 2018) Catalyst for action: BRFSS Cognitive Module. Oral presentation at 2018 BRFSS Training Workshop, Atlanta, GA.
18. **Lynes C** and Davis HT. (November 2017) Categorizing adverse childhood experiences and associations with depression in South Carolina: a 2015 BRFSS analysis. Oral presentation at American Public Health Association Annual Meeting, Atlanta, GA.
19. Clugstone S, **Lynes C**, Hurley D, Nitcheva D, Johnson K, Davis HT. (June 2017) Screening recommendation and breast cancer incidence in South Carolina: A BRFSS and cancer registry analysis. Oral presentation at the North American Association of Central Center Registries Annual Conference, Albuquerque, NM.
20. **Lynes C**, Heidari K, Ochonma C, Smith M, Davis HT. (October 2016) Children with special healthcare needs: current state of affairs in South Carolina using the Children's Health Assessment Survey. Oral session presented at American Public Health Association Annual Meeting, Denver, CO.
21. **Lynes C**, Heidari K, Hill R, Diedhiou A, Johnson K, Davis HT. (October 2016) Race/ethnicity and compliance to diabetes self-management in South Carolina: a 2011-2014 BRFSS analysis. Oral session presented at American Public Health Association Annual Meeting, Denver, CO.

22. **Lynes C**, Heidari K, Davis HT. (May 2016) Physical activity environment and disparities among South Carolina's children. Session presentation for Environmental Public Health Tracking Virtual Conference.
23. **De Santis EA**, **Heidari K**, **Lynes C**. (April 2016) Developing, implementing and using a Children's Health Assessment Survey in South Carolina. Workshop presented for Association of Maternal and Child Health Programs Annual Meeting, Washington, D.C.
24. **Smith M**, **Heidari K**, **Lynes C**. (February 2016) The South Carolina Children's Health Assessment Survey (CHAS). Webinar presented for National Association of Chronic Disease Directors: Science, Epidemiology, and Evaluation Committee meeting.

## **POSTER PRESENTATIONS**

1. D'Amico L, Richard C, Jones A, Kilburn J, Fan X. Using Participatory Evaluation to Understand the Implementation and Impact of a Statewide Kindergarten Transition Program. Submitted as paper to American Evaluation Association Annual Meeting, Indianapolis, IN.
2. Richard CL and Guimaraes L. (February 2023) Connected Families: an innovative approach to addressing parenting skills and mental health for families involved with the child welfare system. Poster presented at Nurturing Developing Minds 2023 Annual Conference, Greenville, SC.
3. Jones AC and Richard CL. (February 2023) Free high-quality preschool creates pathways to prosperity: two-generation benefits in South Carolina's First Steps 4K program. Poster presented at Nurturing Developing Minds 2023 Annual Conference, Greenville, SC.
4. Richard CL, Beebe G, Rock D. (October 2021) Family voice matters: feedback for the future. Poster presented at the Parents as Teachers National Conference 2021, Baltimore, MD.
5. Samkari M and Richard CL. (May 2021) Disparities in preconception health indicators among reproductive-aged women in South Carolina – Behavioral Risk Factor Surveillance System (BRFSS), 2012-2015, and Pregnancy Risk Assessment Monitoring System (PRAMS), 2012-2015. Poster presented at the Association of Maternal and Child Health Programs Virtual Annual Conference.
6. Richard CL and McDermott S. (April 2021) Maternal longstanding physical disability and increased risk for small for gestational age infants: is prescription opioid use on the causal pathway?. iPoster presented at Discover UofSC 2021. *Winner, Maternal and Child Health Abstract Contest and Winner, Graduate Student Poster Award.*



7. Elmore AL, Omofuma OO, Sevoyan M, Richard CL, Liu J. (April 2021) Prescription opioid use and use of medications for opioid use disorder among women of reproductive age in the United States: NHANES, 2003-2018. iPoster presented at Discover UofSC 2021. *Winner; Maternal and Child Health Abstract Contest.*
8. Richard CL. (October 2020) The prevalence of women with disabilities is higher in those with opioid prescriptions during pregnancy among South Carolina Medicaid beneficiaries. Presented at American Public Health Association Annual Meeting (virtual meeting due to COVID-19 pandemic).
9. Karim S, Zhang Z, Richard CL, Lohman M, Liu J. (October 2020) Does prenatal physical activity modify the association between prenatal stress and postpartum depression?. Presented at American Public Health Association Annual Meeting (virtual meeting due to COVID-19 pandemic).
10. Richard CL and Khan S. (October 2020) Risk behaviors predictive of marijuana use among youth in South Carolina: A cross-sectional study. Presented at American Public Health Association Annual Meeting (virtual meeting due to COVID-19 pandemic).
11. Samkari M and Richard CL. (October 2020) Disparities in preconception health indicators among reproductive-aged women in South Carolina – BRFSS and PRAMS, 2012-2015. Accepted for presentation at American Public Health Association Annual Meeting (virtual meeting due to COVID-19 pandemic).
12. Reid LA, Richard CL, Gardner J. (April 2020) Chronic conditions among adults with disability in South Carolina. Poster presented at New England Science Symposium, Boston, MA. Symposium cancelled in response to COVID-19 pandemic.
13. Richard CL and McDermott S. (November 2019) Is poor mental health a mediator of the association between disability and lifestyle behaviors among veterans in the US? A 2017 US BRFSS Analysis. Poster presented at American Public Health Association Annual Meeting, Philadelphia, PA.
14. Stevens D, Richard CL, Davis HT, Hunt K. (June 2019) Associations between pregnancy intention and maternal and offspring health: A 2012-2015 South Carolina PRAMS analysis. Poster presented at The Society for Epidemiologic Research Annual Meeting, Minneapolis, MN.

15. Stevens D, Richard CL, Davis HT, Hunt K. (June 2019) Associations between pregnancy intention and maternal and offspring health: A 2012-2015 South Carolina PRAMS analysis. Poster presented at The Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, Minneapolis, MN.
16. Liu J, Broadway A, Boghossian N, McLain A, Karim S, Richard CL. (June 2019) Leisure-time physical activity before and during pregnancy and preterm births in South Carolina, 2009-2015. Poster presented at The Society for Epidemiologic Research Annual Meeting, Minneapolis, MN.
17. Liu J, Broadway A, Boghossian N, McLain A, Karim S, Richard CL. (June 2019) Leisure-time physical activity before and during pregnancy and preterm births in South Carolina, 2009-2015. Poster presented at The Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting, Minneapolis, MN.
18. Avalos C and Richard CL. (June 2019) Understanding diabetes rates among South Carolina's growing Hispanic population. Poster presented at the Council of State and Territorial Epidemiologists Annual Conference, Raleigh, NC.
19. Richard CL, AlHasan DM, Foo TA, Davis HT. (June 2019) HPV vaccination among adolescents and adults in South Carolina. Poster presented at the Council of State and Territorial Epidemiologists Annual Conference, Raleigh, NC.
20. Richard CL and Davis HT. (June 2019) Marijuana use and reasons for use in South Carolina: A 2017 Behavioral Risk Factor Surveillance System analysis. Poster presented at the Council of State and Territorial Epidemiologists Annual Conference, Raleigh, NC.
21. Shull E, Richard CL, Dowda M, Pate R. (May 2019) Parental perceptions of their children's physical activity. Poster presented at American College of Sports Medicine Annual Meeting, Orlando, FL.
22. Simpson KW, Davis HT, Richard CL. (May 2019) South Carolina (SC) prams sampling frame: the motivation and the change. Poster presented at American Association of Public Opinion Research, Toronto, ON, Canada.
23. Richard CL and Davis HT. (May 2019) Examining demographics of adults refusing questions related to adverse childhood experiences: a 2014-2016 Behavioral Risk Factor Surveillance System Analysis. Poster presented at American Association of Public Opinion Research, Toronto, ON, Canada. *Finalist, Student Poster Award.*

24. Lin S, Richard CL, Merchant AT. (April 2019) Disparities in oral health seeking behavior among childbearing-aged women. Poster presented at Discover UofSC, Columbia, SC.
25. Shull E, Richard CL, Dowda M, Pate R. (April 2019) parental perceptions of their children's physical activity. Poster presented at Discover UofSC, Columbia, SC.
26. Avalos C, Richard CL, Twum-Danso Y, Carter N, Flemming NC, Jones MD, Hutson R, Henry T, Scott KL, Speaks C, Izar MP, Toland A, Gray K. (April 2019) Veterans' mental health and substance use in South Carolina: A 2015-2017 BRFSS analysis. Poster presented at University of South Carolina's College of Nursing 2019 Research and Scholarship Day, Columbia, SC.
27. Avalos C and Richard CL. (April 2019) A parent's responsibility: how parent's health care access affect that of their children. Poster presented at Adolescent Health Initiative Annual Conference, Detroit, MI.
28. Avalos C and Richard CL. (April 2019) Prevalence of influenza vaccination among SC children and how it relates to parental demographic characteristics. Poster presented at 2019 BRFSS Training Workshop, Atlanta, GA.
29. Stansbury ML, Richard CL, Fritz S, Pellegrini C, Hutto B, Liu J, West D. (April 2019) Characterizing physical activity among individuals with mobility limitations and obesity: an analysis of the 2013, 2015, and 2016 national BRFSS. Poster presented at 2019 BRFSS Training Workshop, Atlanta, GA.
30. Richard CL, Srivastav A, Strompolis M, Davis HT. (March 2019) Education mediates the effect of adverse childhood experiences on household food insecurity in South Carolina. Poster presented at the 2019 Nutrition Symposium, University of South Carolina, Columbia, SC.
31. Richard CL, Nitcheva D, Shealy K, Simpson KW. (March 2019) Predicting unintended pregnancy in South Carolina by county using data from the Pregnancy Risk Assessment Monitoring System and Vital Records. Poster presented at Association of Maternal and Child Health Programs, San Antonio, TX.
32. Avalos C and Richard CL. (February 2019) Racial and ethnic disparities in access to care among adults with depression in South Carolina. Poster presented at SC DHEC/UofSC Health Data Symposium, Columbia, SC.

33. Richard CL and Davis HT. (February 2019) The crossroads of poor mental health and substance use: comparing veterans and non-veterans in South Carolina. Poster presented at SC DHEC/USC Health Data Symposium, Columbia, SC.
34. Richard CL, Simpson KW, Davis HT. (February 2019) Characterizing postpartum depression in South Carolina: A 2012-2015 Pregnancy Risk Assessment Monitoring System analysis. Poster presented at SC DHEC/UofSC Health Data Symposium, Columbia, SC.
35. Larsen C, Richard CL, West D. (November 2018) Do dementia caregivers have worse health outcomes as compared to non-caregivers in a national sample?. Poster presented at The Gerontological Society of America 2018 Annual Meeting, Boston, MA.
36. Richard CL, Simpson KW, Davis HT, Karim S. (November 2018) Assessing awareness and perception of risk of Zika virus in South Carolina: a 2016 Pregnancy Risk Assessment Monitoring System analysis. Poster presented at American Public Health Association Annual Meeting, San Diego, CA.
37. Richard CL, Simpson KW, Davis HT. (September 2018) Smoking during pregnancy modifies the effect of 17P on subsequent preterm birth: a 2012-2015 Pregnancy Risk Assessment Monitoring System analysis. Poster presented at CityMatCH conference, Portland, OR.
38. Richard CL, Simpson KW, Davis HT. (September 2018) Smoking during pregnancy modifies the effect of 17P on subsequent preterm birth: a 2012-2015 Pregnancy Risk Assessment Monitoring System analysis. Poster presented at PRAMS National Meeting, Portland, OR.
39. Richard CL, Simpson KW, Davis HT. (June 2018) Recreational fish consumption during pregnancy in South Carolina: A 2010-2012 Pregnancy Risk Assessment Monitoring System analysis. Poster presented at Council of State and Territorial Epidemiologists Annual Conference, West Palm Beach, FL.
40. Simpson KW, Davis HT, Richard CL. (May 2018) Gift card incentive/ reward influence on response rate for South Carolina PRAMS. Poster presented at American Association of Public Opinion Research Annual Conference, Denver, CO.
41. Richard CL, Stropolis M, Davis HT. (April 2018) Adverse childhood experiences and food insecurity in South Carolina. Poster presented at 2018 BRFSS Training Workshop, Atlanta, GA.
42. Richard CL, Simpson KW, Davis HT. (March 2018) Assessing awareness and perception of risk of Zika virus in South Carolina: a 2016 Pregnancy Risk Assessment Monitoring System

analysis. Poster presented at 2018 National Birth Defects Prevention Network Annual Meeting, Atlanta, GA.

43. Lynes C and Davis HT. (February 2018) Examining demographics of adults refusing questions related to adverse childhood experiences: a 2014-2016 Behavioral Risk Factor Surveillance System analysis. Poster presented at South Carolina Public Health Association Annual Meeting, Myrtle Beach, SC.
44. AlHasan DM, Lynes C, Miller M, Sulkowski B, Davis HT. (November 2017) Differences between dementia, cancer, and other caregivers in South Carolina. Poster presented at the Carolina Women's Health Research Forum, Columbia, SC.
45. Davis HT and Lynes C. (November 2017) Associations between experiencing negative physical and emotional symptoms due to race, and both self-identified and perceived race/ethnicity in South Carolina women. Poster presented at the Carolina Women's Health Research Forum, Columbia, SC.
46. Clugstone S, Lynes C, Hurley D, Nitcheva D, Davis HT. (November 2017) Screening recommendation and breast cancer incidence in South Carolina: A BRFSS and cancer registry analysis. Poster presented at the Carolina Women's Health Research Forum, Columbia, SC.
47. Lynes C, Sulkowski B, Davis HT. (October 2017) Cognitive decline in South Carolina's adults: Is it associated with rurality?. Poster presented at the South Carolina 2017 Rural Health Conference, Greenville, SC.
48. Broadway A, Atkins J, Lynes C, Barton B, Davis HT, Hill R. (September 2017) Does maintaining a patient-physician relationship result in improved outcomes of diabetic retinopathy in South Carolina?: A 2013-2015 BRFSS Analysis. Poster presented at the American College of Epidemiology Meeting, New Orleans, LA.
49. Lynes C, Simpson KW, Davis HT. (September 2017) Fish consumption in South Carolina women of childbearing age. Poster presented at the American College of Epidemiology Meeting, New Orleans, LA.
50. Lynes C, Strompolis M, Davis HT. (June 2017) Adverse childhood experiences and food insecurity in South Carolina. Poster presented at the Council of State and Territorial Epidemiologists Annual Conference, Boise, ID.

51. Lynes C and Davis HT. (June 2017) Characterizing recreational fish consumption in South Carolina. Poster presented at the Council of State and Territorial Epidemiologists Annual Conference, Boise, ID.
52. Lynes C, Simpson KW, Smith M, Nitcheva D, Davis HT. (May 2017) Barriers to birth control in South Carolina: a 2011 PRAMS and BRFSS analysis. Poster presented at South Carolina Public Health Association Annual Meeting, North Charleston, SC.
53. Bevel MS, Lynes C, Davis HT. (May 2017) Inadequate sleep and chronic diseases among non-Hispanic blacks in South Carolina: a multi-year BRFSS analysis. Poster presented at South Carolina Public Health Association Annual Meeting, North Charleston, SC.
54. Lynes C, Simpson KW, Nitcheva D, Davis HT. (April 2017) Partner-related stress during pregnancy in South Carolina: a 2012-2013 PRAMS Analysis. Poster presented at 10th annual James E. Clyburn Health Disparities Lecture, Columbia, SC.
55. Broadway A, Lynes C, Barton B, Thomas T, Baylis Atkin J, Hill R, Davis HT. (April 2017) Diabetes education and disparities among four public health regions in South Carolina: a 2011-2015 BRFSS analysis. Poster presented at 10th annual James E. Clyburn Health Disparities Lecture, Columbia, SC.
56. Bevel MS, Lynes C, Davis HT. (April 2017) Inadequate sleep and asthma among African Americans in Public Health Regions of South Carolina: a multi-year BRFSS analysis. Poster presented at 10th annual James E. Clyburn Health Disparities Lecture, Columbia, SC.
57. Lynes C, Simpson KW, Featherstone P, Smith M, Davis HT. (March 2017) Stress and oral health care utilization: a 2013 PRAMS analysis. Poster presented at Association of Maternal and Child Health Programs Annual Meeting, Kansas City, MO.
58. Schneider LR, Lynes C, Simpson KW. (November 2016) Physical activity among South Carolinian mothers and its association with gestational weight gain. Poster presented at Carolina Women's Health Research Forum, Columbia, SC.
59. Lynes C, Simpson KW, Featherstone P, Smith M, Davis HT. (November 2016) Stress and oral health care utilization: a 2013 PRAMS analysis. Poster presented at Carolina Women's Health Research Forum, Columbia, SC.
60. Lynes C and Davis HT. (November 2016) Coronary heart disease in South Carolina women: does fish consumption matter? Poster presented at Carolina Women's Health Research Forum, Columbia, SC.

61. Lynes C and Boghossian N. (November 2016) Interpregnancy weight change and adverse maternal outcomes. Poster presented at Carolina Women's Health Research Forum, Columbia, SC. *Winner, Best Clinical Science Poster.*
62. AlHasan D, Breneman C, Callahan-Myrick K, Lynes C. (October 2016) Factors that influence parental misperception of child's weight status in South Carolina. Poster presented at American Public Health Association Annual Meeting, Denver, CO.
63. Davis HT, Lynes C, Sutton SR. (October 2016) A spatial analysis of elevated blood lead levels in South Carolina children, 2010-2014. Poster presented at American Public Health Association Annual Meeting, Denver, CO.
64. Bevel MS and Lynes C. (September 2016) Assessing diabetes status among veterans in South Carolina. Poster presented at 22nd annual Diabetes Fall Symposium for Primary Health Care Professionals, North Charleston, SC.
65. Ma X and Lynes C. (September 2016) The association between healthcare coverage and diabetic management among diabetic population: information from Behavioral Risk Factor Surveillance System (BRFSS) 2011 – 2014. Poster presented at 22nd annual Diabetes Fall Symposium for Primary Health Care Professionals, North Charleston, SC.
66. Lynes C and Davis HT. (June 2016) Carbon monoxide detector presence among reproductive aged women in South Carolina: A 2011 BRFSS survey analysis. Poster presented at the Council of State and Territorial Epidemiologists Annual Conference, Anchorage, AK. Finalist, Best Poster Award.
67. Atkins J, Barton B, Lynes C, Breneman C, Fogner A, Coaxum R, Small S, Heidari K. (April 2016) Trends in health disparity priority areas in South Carolina. Poster presented at 9th annual James E. Clyburn Health Disparities Lecture, Columbia, SC.
68. Davis HT and Lynes C. (April 2016) Disparities in percent of elevated blood lead levels (EBLLs) by United States (US) Census block group in children of South Carolina (SC): 2010-2014. Poster presented at 9th annual James E. Clyburn Health Disparities Lecture, Columbia, SC.
69. Lynes C. (February 2016) Diabetes in South Carolina: identifying individuals who are non-compliant to self-care practices. Poster presented at South Carolina Public Health Association Annual Meeting, North Charleston, SC.

70. Ochonma C and Lynes C. (February 2016) Health care plan and the Healthy People 2020 goals in South Carolina. Poster presented at South Carolina Public Health Association Annual Meeting, North Charleston, SC.
71. Davis HT, Lynes C, Balte P, Sutton SR. (November 2015) Fish Consumption and chronic diseases: South Carolina BRFSS 2011-12 survey analysis. Poster presented at American Public Health Association Annual Meeting, Chicago, IL.
72. Lynes C and Schneider LR. (October 2015) Using BRFSS data to assess breast and cervical cancer screening at various geographic levels in South Carolina. Poster presented at Carolina Women's Health Research Forum, Columbia, SC.
73. Barton B, Lynes C, Heidari K. (September 2015) Burden of prediabetes in South Carolina. Poster presented at Diabetes Fall Symposium for Primary Health Care Professionals, North Charleston, SC.
74. Lynes C, Phillips JM, Sloan D, Berger AM. (August 2014) An evaluation of the bereavement program at the NIH Clinical Center. Poster presented at National Institutes of Health Summer Poster Day, Bethesda, MD.

#### **INVITED LECTURES AND PANELS**

1. Richard CL. (November 2022) Panelist at Maternal and Child Health Leadership, Education, and Advancement of Undergraduate Pathways Program Career Panel and Seminar. University of South Carolina, Columbia, SC.
2. Richard CL. (November 2022) Panelist at Epidemiology Career Panel. American Public Health Association Annual Meeting, Boston, MA.
3. Richard CL. (March 2022) Strategic planning & data storytelling in state government. Asynchronous lecture presented in Dr. Alicia Dahl's "Community Health Planning and Evaluation" class at University of North Carolina Charlotte, Charlotte, NC.
4. Richard CL. (November 2021) Panelist at A Community Forum: Mathematical Thinking and Expression and Strengthening Kindergarten Readiness. South Carolina Council of Teachers of Mathematics 2021 Conference, Columbia, SC.
5. Richard CL. (October 2021) My MCH Leadership Story in South Carolina State Government. Presented to the Maternal and Child Health Student Association at University of South Carolina, Columbia, SC.



6. Richard CL. (Fall 2021). Epidemiology 101. Asynchronous lecture presented in Dr. Aditi Srivastav's "Community Health Problems" class at University of South Carolina, Columbia, SC.
7. Richard CL. (March 2021) Taking graphs from good to great. Lecture presented in Dr. Alicia Dahl's "Health Education and Promotion" class at University of North Carolina Charlotte, Charlotte, NC. Virtual classroom in response to COVID-19 pandemic.
8. Richard CL. (March 2021) Using population-level surveillance data to inform public health programs. Lecture presented in Dr. Alicia Dahl's "Community Health Planning and Evaluation" class at University of North Carolina Charlotte, Charlotte, NC. Virtual classroom in response to COVID-19 pandemic.
9. Richard CL. (August 2020) Veteran Teaching Assistant Panel. Presented as part of Teaching Assistant Orientation hosted by the Center for Teaching Excellence. University of South Carolina, Columbia, SC. Virtual in response to COVID-19 pandemic.
10. Richard CL. (March 2020) Using population-level surveillance data to inform public health programs. Lecture presented in Dr. Alicia Dahl's "Community Health Planning and Evaluation" class at University of North Carolina Charlotte, Charlotte, NC. Virtual classroom in response to COVID-19 pandemic.
11. Richard CL. (December 2019) Marijuana Use in South Carolina. Presented to agency leadership at the South Carolina Department of Alcohol and Other Drug Abuse Services, Columbia, SC.
12. Richard CL. (December 2019) "You study skin, right?": Pursuing a Career in Epidemiology from Graduate Training to Beyond. Lecture presented in Dr. Vida Mingo's "Public Health and Epidemiology" class at Columbia College, Columbia, SC.
13. Richard CL. (November 2019) Effect of Maternal Disability Status and Prescription Opioid Use Before and During Pregnancy on Small-for-Gestational Age Infants. Presidential Fellows Seminar (GRAD 801). University of South Carolina, Columbia, SC.
14. Richard CL. (November 2019) Strategic Impact at South Carolina First Steps. South Carolina State Data Team. Hosted by Children's Trust of South Carolina, Columbia, SC.
15. Richard CL. (September 2019) Graduate Student Panel. Hosted by the Public Health Society. University of South Carolina, Columbia, SC.

16. Richard CL. (April 2019) “You study skin, right?”: Pursuing a Career in Epidemiology from Graduate Training to Beyond. Lecture presented in Dr. Matthew Lohman’s “Intermediate Epidemiologic Methods” class at University of South Carolina, Columbia, SC.
17. Richard CL. (March 2019) Using population-level surveillance data to inform public health programs. Lecture presented in Dr. Alicia Dahl’s “Community Health Planning and Evaluation” class at University of North Carolina Charlotte, Charlotte, NC.
18. Richard CL. (February 2019) Introduction to Mediation. Lecture presented in Dr. Matthew Lohman’s “Intermediate Epidemiologic Methods” class at University of South Carolina, Columbia, SC.
19. Richard CL. (November 2018) “You study skin, right?”: Pursuing a Career in Epidemiology from Graduate Training to Beyond. Lecture presented in Dr. Vida Mingo’s “Public Health and Epidemiology” class at Columbia College, Columbia, SC.
20. Richard CL. (November 2018) National Institutes of Health Summer Internship Program Information Session. Hosted by Delta Omega Public Health Honor Society, University of South Carolina, Columbia, SC.
21. Richard CL. (November 2018) 17P Effectiveness on Recurring Preterm Birth. SC PRAMS Quarterly Data Use Webinars.
22. Richard CL. (October 2018) Graduate Student Panel. Hosted by Public Health Society. University of South Carolina, Columbia, SC.
23. Richard CL. (August 2018) Veteran Teaching Assistant Panel. Presented as part of Teaching Assistant Orientation hosted by the Center for Teaching Excellence. University of South Carolina, Columbia, SC.
24. Richard CL. (April 2018) South Carolina’s Behavioral Risk Factor Surveillance System and Children’s Health Assessment Survey. Lecture presented in Susan Bolick’s Public Health Surveillance Systems (EPID 730) class, University of South Carolina, Columbia, SC.
25. Lynes C. (February 2018) Life after graduate school: my experience. Presented in a “What’s Next?” seminar hosted by the Arnold School of Public Health’s Dean Student Advisory Council. University of South Carolina, Columbia, SC.

26. Lynes C. (January 2018) Veteran Teaching Assistant Panel. Presented as part of Teaching Assistant Orientation hosted by the Center for Teaching Excellence. University of South Carolina, Columbia, SC.
27. Lynes C. (November 2017) SC BRFSS, CHAS, and PRAMS and policy implications and change. Lecture presented in Dr. Kellee White's Epidemiology, Public Policy, and Public Health Practice (EPID 794) class, University of South Carolina, Columbia, SC.
28. Lynes C. (September 2017) SC BRFSS, CHAS, and PRAMS. Lecture presented in Dr. Karen Kemper's Doctoral seminar in Applied Health Research and Evaluation (HLTH 8890) class, Clemson University, Greenville, SC.
29. Lynes C. (April 2017) South Carolina's Behavioral Risk Factor Surveillance System and Children's Health Assessment Survey. Lecture presented in Susan Bolick's Public Health Surveillance Systems (EPID 730) class, University of South Carolina, Columbia, SC.
30. Lynes C. (March 2017) DHEC's role in identifying health disparities through data. Lecture presented in Adrienne Dues's Introductory Sociology (SOCY 101) class, University of South Carolina, Columbia, SC.
31. Lynes C and Davis HT. (May 2016) Environmental Epidemiology Activities within the Division of Surveillance. Lecture presented in Dr. Jim Burch's Environmental Factors and Human Health (EPID 747) class, University of South Carolina, Columbia, SC.
32. Lynes C. (April 2016) Graduate Studies of Epidemiology. Lecture presented in Dr. Vida Mingo's "Public Health and Epidemiology" class at Columbia College, Columbia, SC.
33. Lynes C. (April 2015) Graduate Studies of Epidemiology. Lecture presented in Dr. Vida Mingo's "Public Health and Epidemiology" class at Columbia College, Columbia, SC.
34. Lynes C. (August 2014) Veteran Teaching Assistant Panel. Presented as part of Teaching Assistant Orientation hosted by the Center for Teaching Excellence. University of South Carolina, Columbia, SC.

## **PROFESSIONAL AND VOLUNTEER SERVICE**

### **Leadership**

Maternal and Child Health Journal

Editorial Advisory Board Member (2022 – 2024)

Richland Library Board of Trustees  
Member (2022 – 2026)

American College of Epidemiology  
Associate Member Liaison to Membership Committee (2020 – 2021)

Mu Chapter of Delta Omega Honor Society  
President (2019 – 2020)  
President-Elect (2018 – 2019)  
*First current student to hold either of these positions*

University of South Carolina Presidential Fellows Advisory Council  
Designated 2017 Cohort Representative (2019 – 2020)  
At Large 2017 Cohort Representative (2018 – 2019)

University of South Carolina Graduate Student Association (GSA)  
Secretary of GSA Affairs (2018 – 2019)

Arnold School of Public Health Dean's Student Advisory Council  
Delta Omega Public Health Honor Society: Mu Chapter Liaison (2018 – 2019)  
MSPH, Epidemiology Student Representative (2014 – 2015)

American Public Health Association Student Assembly  
Membership Ambassador (2013 – 2015)

### **Mentorship**

Key: \*Digital/remote mentee

Applied Practicum Preceptor  
Emma Boswell (MPH, Epidemiology, University of South Carolina; Spring 2023)

Second Reader on Undergraduate Honors Thesis  
Taylor Olson (BS, Exercise Science, University of South Carolina; Spring 2022)

Mentees from American Public Health Association Maternal and Child Health Mentorship Program

\*Jamillah Millner (2021 – 2022)

\*Izzy Taylor (2021 – 2022)

Interns at South Carolina First Steps

Kristen Kauffman (BA, Public Health, Minors in Education and Political Science, University of South Carolina; Spring 2020)

\*Onono Jimmy Ongwech (BA, Management, Concentration in Public Administration, Southern New Hampshire University; Fall 2019)

#### Practicum Students at the SC Department of Health and Environmental Control

Lauren Reid (PhD, Epidemiology, University of South Carolina; Spring 2019)

Sabrina Karim (MPH, Epidemiology, University of South Carolina; Spring 2017)

Xiaonan Ma (PhD, Epidemiology, University of South Carolina; Fall 2016)

Lara Schneider (PhD, Epidemiology, University of South Carolina; Fall 2016)

#### Graduate Assistants at the SC Department of Health and Environmental Control

Carlos Avalos (2018 – 2019)

Dana AlHasan (2017 – 2018)

Andrew Broadway (2017)

Malcolm Bevel (2016 – 2017)

Christian Ochonma (2015 – 2016)

#### Interns at the SC Department of Health and Environmental Control

\*May Samkari (2018 – 2019)

Iffat Nahar (2017 – 2019)

#### **Poster Reviewer**

Discover USC (University of South Carolina), Undergraduate Research Posters (2018 – 2019)

#### **Abstract Reviewer**

Discover UofSC Maternal and Child Health Abstract Contest (2021)

American Public Health Association Annual Meeting (2016 – 2022)

Mu Chapter of Delta Omega Poster Contest (2019 – 2020)

Council of State and Territorial Epidemiologists Annual Conference (2017 – 2019)

Annual DHEC Health Data Symposium (2017)

#### **Manuscript Reviewer**

Birth Defects Research (2022)

Health Education and Behavior (2021)

Journal of Child and Family Studies (2021)

American Journal of Preventive Medicine (2021)

American Journal of Health Behavior (2020)

Disability and Health Journal (2020)

Journal of Public Health Management and Practice (2017)

### **Federal Grant Reviewer**

Special Emphasis Panel for CDC PRAMS competitive application (2016)

### **Conference Planning**

South Carolina Summit on Early Childhood (2019)

Annual DHEC Health Data Symposium (2016 – 2019)

Council of State and Territorial Epidemiologists Annual Conference, Maternal and Child Health Sunday Workshop (2017 – 2019)

### **Committee Member**

University of South Carolina MCH Catalyst Advisory Committee (2022 –)

Live Healthy South Carolina Advisory Committee (2022 –)

South Carolina Institute for Medicine and Public Health Childhood Immunization Advisory Committee (2020 - 2022)

South Carolina Department of Health and Environmental Control

    Pregnancy Risk Assessment Monitoring System Steering Committee (2021 –)

    Behavioral Risk Factor Surveillance System Advisory Group (2020 –)

    Title V Maternal and Child Health Block Grant Advisory Committee (2020 –)

South Carolina Birth Outcomes Initiative’s Birth Equity Workgroup (2020 –)

Children Trust of South Carolina’s State Data Team (2016 –)

South Carolina Department of Alcohol and Other Drug Abuse Services State Epidemiological Outcomes Workgroup (2015 –)

### **TRAININGS AND CERTIFICATES**

2021 –                      Certified Public Manager Program (Class of 2023)  
                                    South Carolina Department of Administration

2021                         Maternal and Child Health Sunday Workshop, Council of State and  
                                    Territorial Epidemiologists’ Meeting, Pittsburgh, PA

2020                         Mandated Reporter Training  
                                    Children’s Law Center, University of South Carolina  
                                    Columbia, SC

2018 – 2019                Council of State and Territorial Epidemiologists Mentorship Program  
                                    Mentored by Dora Dumont, Rhode Island Department of Health

2018                         Maternal and Child Health Sunday Workshop

Council of State and Territorial Epidemiologists' Meeting  
West Palm Beach, FL

- 2018                      Preparing Future Faculty Certificate  
Center for Teaching Excellence, University of South Carolina  
Columbia, SC
- 2017                      Maternal and Child Health Sunday Workshop  
Council of State and Territorial Epidemiologists' Meeting  
Boise, ID
- 2017                      CDC's Environmental Public Health Tracking Workshop  
Small area estimation and communicating small numbers  
Atlanta, GA
- 2016                      Grant Writing USA Class  
Columbia, SC

#### **WEB-BASED PUBLICATIONS**

1. "For Our Future: South Carolina's Birth through Five Plan." South Carolina Early Childhood Advisory Council (February 2022). [Available from: [https://issuu.com/scfirststeps1/docs/first-steps-b-5\\_plan-v.5?mode=window](https://issuu.com/scfirststeps1/docs/first-steps-b-5_plan-v.5?mode=window)]. *Winner, 2022 Notable State Document Award* [[here](#)].
2. "Competency 9: Developing others through teaching, coaching, and mentoring." National Maternal and Child Health Trainee Blog (October 2021). [Available from: <https://www.mchleads.com/?p=810>].
3. "COVID-19 Child Care Survey." South Carolina Early Childhood Advisory Council (September 2020). [Available from: [COVID-19 Child Care Survey - ECAC](#) ].
4. "Marijuana Use in South Carolina." Done for consulting practicum (EPID 890) credit as independent research for the South Carolina Department of Alcohol and Other Drug Abuse Services (December 2019). [Available from: [full report](#); [one pager](#)].
5. "Chronic Conditions among Adults with a Disability in South Carolina." South Carolina Department of Health and Environmental Control (November 2019). [URL: <https://www.scdhec.gov/sites/default/files/Library/CR-012465.pdf> ].

6. “Obesity and Physical Activity among Adults with a Disability in South Carolina.” South Carolina Department of Health and Environmental Control (November 2019). [URL: <https://www.scdhec.gov/sites/default/files/Library/CR-012464.pdf> ].
7. “Heart Disease among Adults with a Disability in South Carolina.” South Carolina Department of Health and Environmental Control (November 2019). [URL: <https://www.scdhec.gov/sites/default/files/Library/CR-012463.pdf> ].
8. “Diabetes among Adults with a Disability in South Carolina.” South Carolina Department of Health and Environmental Control (November 2019). [URL: <https://www.scdhec.gov/sites/default/files/Library/CR-012462.pdf> ].
9. “Vaccinations among Adults with Disability.” South Carolina Department of Health and Environmental Control (November 2019). [URL: <https://www.scdhec.gov/sites/default/files/Library/CR-012461.pdf> ].
10. “Veterans' Mental Health and Substance Use in South Carolina.” South Carolina Department of Health and Environmental Control (January 2019). [URL: <https://www.scdhec.gov/sites/default/files/Library/CR-012312.pdf> ].
11. “Substance Use among Adults in South Carolina.” South Carolina Department of Health and Environmental Control (December 2018). [URL: <https://www.scdhec.gov/sites/default/files/Library/CR-012311.pdf> ].
12. “Improving the Nutrition and Physical Activity Environment of ABC Quality Child Care Centers in South Carolina: A Five Year Review 2012-2017.” South Carolina Department of Health and Environmental Control (November 2018). [URL: <https://www.scdhec.gov/sites/default/files/Library/CR-012257.pdf> ].
13. “State Health Assessment.” Live Healthy SC. (November 2018). [URL: <https://www.livehealthysc.com/state-health-assessment.html> ].
14. “County Health Profiles.” South Carolina Department of Health and Environmental Control (Updated Annually). [URL: <https://gis.dhec.sc.gov/chp/> ].
15. “Veterans’ Health in South Carolina.” South Carolina Department of Health and Environmental Control (September 2018). [URL: <https://www.scdhec.gov/sites/default/files/Library/CR-012238.pdf> ].



16. “HPV Vaccination among Adolescents and Adults in South Carolina.” South Carolina Department of Health and Environmental Control (July 2018). [URL: <https://www.scdhec.gov/sites/default/files/Library/CR-012218.pdf> ].
17. “Flu Immunization during Pregnancy in South Carolina.” South Carolina Department of Health and Environmental Control (June 2018). [URL: <https://www.scdhec.gov/sites/default/files/Library/CR-011903.pdf> ].
18. “Disability and Health in South Carolina: A 2016 Behavioral Risk Factor Surveillance System Report.” South Carolina Department of Health and Environmental Control (January 2018). [URL: [https://www.scdhec.gov/sites/default/files/Library/CR-010034\\_2016.pdf](https://www.scdhec.gov/sites/default/files/Library/CR-010034_2016.pdf) ].
19. “Birth Control Practices and Barriers in South Carolina.” South Carolina Department of Health and Environmental Control (September 2017). [URL: <https://www.scdhec.gov/sites/default/files/Library/CR-012093.pdf> ].
20. “Disability and Health in South Carolina: A 2015 Behavioral Risk Factor Surveillance System Report.” South Carolina Department of Health and Environmental Control (March 2017). [URL: [https://www.scdhec.gov/sites/default/files/Library/CR-010034\\_2015.pdf](https://www.scdhec.gov/sites/default/files/Library/CR-010034_2015.pdf) ].
21. “Arthritis in South Carolina.” South Carolina Department of Health and Environmental Control (March 2017). [URL: <https://scdhec.gov/sites/default/files/Library/CR-011396.pdf> ].
22. “Arthritis and Other Diseases.” South Carolina Department of Health and Environmental Control (March 2017). [URL: <https://scdhec.gov/sites/default/files/Library/CR-011547.pdf> ].
23. “Regional Snapshots (2016).” South Carolina Department of Health and Environmental Control (August 2016). [URL: <http://scaledown.org/pdf/Region%20Snapshots%202016.pdf> ].
24. “Disability and Health in South Carolina: A 2014 Behavioral Risk Factor Surveillance System Report.” South Carolina Department of Health and Environmental Control (March 2016). [URL: [https://www.scdhec.gov/sites/default/files/Library/CR-010034\\_2014.pdf](https://www.scdhec.gov/sites/default/files/Library/CR-010034_2014.pdf) ].

## **MEDIA COVERAGE**

1. “Using Community Voice to Shape Policy” (21 Nov 2022). Listen4Good. [URL: <https://listen4good.org/wp-content/uploads/2022/11/L4G-Case-Study-South-Carolina-111622A.pdf>].

2. “Expert Perspectives: Exploring Why South Carolina Ranks 43rd in Education” (7 Nov 2022). Children’s Trust of South Carolina. [URL: <https://scchildren.org/expert-perspectives-exploring-why-south-carolina-ranks-43rd-in-education/>].
3. “A State Scan of Early Learning Assessments and Data Systems” (6 Oct 2022). New America. [URL: <https://www.newamerica.org/education-policy/briefs/early-learning-assessments-and-data/>].
4. “Best & Brightest 35 and Under” (Sep 2021). Columbia Business Monthly. [URL: <https://www.mirabelsmagazinecentral.com/DigitalEdition/index.html?id=12f8b36e-8b4b-4e39-bf73-6d25ef5603cd>].
5. “When 511 Epidemiologists Expect to Fly, Hug and Do 18 Other Everyday Activities Again” (8 Jun 2020). The New York Times. [URL: <https://www.nytimes.com/interactive/2020/06/08/upshot/when-epidemiologists-will-do-every-day-things-coronavirus.html> ].
6. #WhyPublicHealthMatters (13 Apr 2020). The deBeaumont Foundation. [URL: <https://whypublichealthmatters.org/video/chelsea-richard/> ].
7. “UofSC Leads 2019” (28 Jan 2019). The Graduate School at University of South Carolina. [URL: <https://www.youtube.com/watch?v=9SKMCNI2Rew> ; [https://www.youtube.com/watch?v=\\_kKjRS3uVD0](https://www.youtube.com/watch?v=_kKjRS3uVD0) ; [https://www.youtube.com/watch?v=S60nM\\_wpM7s](https://www.youtube.com/watch?v=S60nM_wpM7s) ; [https://www.youtube.com/watch?v=\\_nbe8Zaxr-g](https://www.youtube.com/watch?v=_nbe8Zaxr-g) ].
8. “Celebrating Presidential Fellows” (17 December 2018) The Graduate School at University of South Carolina. [URL: <http://gradschool.sc.edu/post.asp?eventid=1527> ].
9. “What is Mentoring?” (20 November 2018) The Graduate School at University of South Carolina. [URL: <http://gradschool.sc.edu/post.asp?eventid=1512> ].
10. “Adverse Childhood Experiences Have Impact on Food Insecurity for South Carolina’s Children” (29 September 2017). Children’s Trust of South Carolina Blog. [URL: <https://scchildren.org/blog/2017/09/29/adverse-childhood-experiences-have-impact-on-food-insecurity-for-south-carolinas-children/> ].
11. “Carbon Monoxide Detector Presence among Reproductive-Age Women in South Carolina: A 2011 Behavioral Risk Factor Surveillance System Analysis” (3 August 2016). CSTE

Features. [URL:

<https://www.cste.org/blogpost/1084057/253760/Carbon-Monoxide-Detector-Presence-among-Reproductive-Age-Women-in-South-Carolina-A-2011-Behavioral-Risk-Factor-Surveillance-System-Analysis> ].

12. “Students sharpen career, research skills at the Clinical Center” (September 2014). National Institutes of Health Clinical Center Newsletter. [URL: <https://clinicalcenter.nih.gov/about/news/newsletter/2014/sep2014/newsletter.html> ].

## **PROFESSIONAL MEMBERSHIPS**

Data Visualization Society (2023 – Present)

Scholars Strategy Network: South Carolina Chapter (2020 – Present)

League of Women Voters of the Columbia Area (2020 – Present)

American College of Epidemiology: Associate Member (2018 – Present)

Mu Chapter of Delta Omega Honor Society (2015 – Present)

American Public Health Association (2013 – 2016; 2019 – 2022)

Southern Association of Public Opinion Research (2018 – 2019)

Council of State and Territorial Epidemiologists (2016 – 2021)

National Association of Chronic Disease Directors (2017 – 2019)

American Association of Public Opinion Research (2018)

South Carolina Public Health Association (2015 – 2016)

Institute for Healthcare Improvement: University of South Carolina Chapter (2013 – 2015)