

**CURRICULUM VITAE**  
**CARY SUZANNE LEA, PHD, MPH**

**BUSINESS ADDRESS:** Department of Public Health  
Brody School of Medicine  
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East Carolina University  
Greenville, NC 27834  
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**EDUCATION:**

1980-84	Rhodes College Memphis, TN	B.A. Political Science, 1984
1986-88	Yale University School of Public Health New Haven, CT	M.P.H. Environmental Health, 1988
1992-1995	University of California, Berkeley School of Public Health Berkeley, CA	Ph.D. Epidemiology, 1995
1996-1997	International Agency for Research on Cancer World Health Organization Lyon, France	Special Training Award

**POSITIONS:**

1987-1988	Graduate Researcher, Environmental Health Program, Yale University School of Public Health, New Haven, CT (Mentor, Rebecca Calderon, PhD, MPH, deceased)	
1988-1989	Research Associate, ICF-Clement Associates, Fairfax, VA	
1990-1991	Research Associate, Washington Occupational Health Associates, Washington, DC	
1991-1991	Graduate Researcher, Office of Cancer Prevention, MD Anderson Cancer Center, Houston, TX	
1992-1995	Pre-Doctoral Researcher, University of California, Berkeley, Berkeley, CA (Dissertation Committee Chair, Patricia A. Buffler, PhD, deceased)	
1996-1996	Post-Doctoral Researcher, University of California, Berkeley, Berkeley CA (Mentor, Patricia A. Buffler, PhD, MPH)	
1998-1999	Post-Doctoral Researcher, University of California, Berkeley, Berkeley, CA	
1999-2000	Communicable Disease Epidemiologist, San Francisco City/County Department of Public Health, San Francisco, CA	

2000-2002 Chief Epidemiology Officer (Preparedness), Arkansas Department of Health, Little Rock, AR

2002-2003 Communicable Disease Epidemiologist, Marin County, CA, Department of Health and Human Services, San Rafael, CA

2004-2008 Research Epidemiologist, Research Triangle Institute International, Research Triangle Park, NC

2008-2014 Associate Professor, Department of Public Health, Brody School of Medicine, East Carolina University, Greenville, NC

2014-present Associate Professor (Tenured 4-25-2014), Department of Public Health, Brody School of Medicine, Greenville, NC

**ACADEMIC APPOINTMENTS AND COMMITTEES:**

Fall 1993 Graduate Instructor, Epidemiology Program, School of Public Health, University of California, Berkeley

1998-2000 Visiting Lecturer, Institute for Community and Collaborative Studies, California State University, Monterey Bay, Monterey, CA

2001 Member, Advisory Committee, Arkansas Cancer Registry, Little Rock, AR

2001 Member, Curriculum Subcommittee, Chancellor's Committee on Designing Structure of College of Public Health, University of Arkansas for Medical Sciences (UAMS), Little Rock, AR

2001-2002 Member, Admissions Committee, College of Public Health, UAMS, Little Rock, AR

2001-2002 Clinical Adjunct Professor, College of Nursing, UAMS, Little Rock, AR

2001-2002 Teaching Assistant Professor, Division of Epidemiology, College of Public Health, UAMS, Little Rock, AR

2003 National Electronic Data Surveillance System Compliance Planning Workgroup, State of California, on behalf of Marin County Department of Health and Human Services, San Rafael, CA.

2008- Member, Graduate Faculty, Division of Graduate Studies, East Carolina University

2008-2014 Chair, Curriculum Committee, Department of Public Health, Brody School of Medicine, East Carolina University, Greenville, NC

2009-2014 Chair, Doctoral Planning Committee for PhD in Epidemiology, Department of Public Health, Brody School of Medicine, East Carolina University, Greenville, NC

2008-2014 Member, Admissions Committee, Masters of Public Health (MPH) Program, Department of Public Health, Brody School of Medicine, East Carolina University, Greenville, NC

- 2009 Member, Tenure Track Faculty Search Committee, College of Health and Human Performance, East Carolina University, Greenville, NC
- 2009- Member, Leo Jenkins Cancer Services/Vidant Cancer Care, Brody School of Medicine, East Carolina University, Greenville, NC
- 2009- Associate Member, UNC Lineberger Comprehensive Cancer Center, Chapel Hill, NC
- 2010-2016 Member, Research Core, Center for Health Disparities Research, East Carolina University, Greenville, NC
- 2010-2011 Member, Graduate Curriculum Committee, Research and Graduate Studies Division, East Carolina University, Greenville, NC
- 2010-2011 Member, Tenure Track Faculty Search Committee, Epidemiology, Brody School of Medicine, East Carolina University, Greenville, NC
- 2011-2012 Chair, Tenure Track Faculty Search Committee, Epidemiology, Brody School of Medicine, East Carolina University, Greenville, NC
- 2012- ECU Faculty Affiliate, North Carolina Agromedicine Institute
- 2012-2013 Member, Tenure Track Faculty Search Committee, Epidemiology, Brody School of Medicine, East Carolina University, Greenville, NC
- 2014 Member, Tenure Track Faculty Search Committee, Health Behavior, Brody School of Medicine, East Carolina University, Greenville, NC
- 2014-2015 Coordinator, Epidemiology Concentration
- 2014-2014 Member, Admissions Committee, MPH Program, Department of Public Health, Brody School of Medicine, East Carolina University, Greenville, NC
- 2015-present Member, Center for Human Health and the Environment, North Carolina State University, Raleigh, NC
- 2015-2016 Vice Chair, Women's Faculty Committee, Brody School of Medicine, East Carolina University, Greenville, NC
- 2016-present Coordinator, Epidemiology Concentration
- 2016-present Member, Admissions Committee, MPH Program, Department of Public Health, Brody School of Medicine, East Carolina University, Greenville, NC
- 2015-2016 Member, Advisory Panel, Formation of School of Public Health, East Carolina University
- 2015-2016 Member, Tenure Track Faculty Search Committee, Public Health, School of Dental Medicine, East Carolina University, Greenville NC

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- 2015-2016 Member, Department Chair Search Committee, Department of Public Health, Brody School of Medicine
- 2016-2017 Chair, Women's Faculty Committee & Member, Office of Diversity Affairs, Brody School of Medicine, East Carolina University, Greenville, NC
- 2016-2017 Member, Tenure Track Faculty Search Committee, Public Health, School of Dental Medicine, East Carolina University, Greenville NC
- 2015-2016 Member, Personnel Committee, Promotion and Tenure, Department of Public Health, Brody School of Medicine, East Carolina University, Greenville, NC
- 2016-2017 Co-Chair, Personnel Committee, Promotion and Tenure, Department of Public Health, Brody School of Medicine, East Carolina University, Greenville, NC
- 2016-2017 Member, Standardization and Uniformity Workgroup, Committee on Regional Community Health Needs Assessment, East Carolina University, Greenville, NC
- 2016-2018 Member, Research Committee, Department of Public Health, Brody School of Medicine, East Carolina University, Greenville, NC
- 2017-2018 Chair, Personnel, Promotion and Tenure Committees, Department of Public Health Brody School of Medicine, East Carolina University, Greenville, NC
- 2017-2018 Past Chair, Women's Faculty Committee, Brody School of Medicine, East Carolina University, Greenville, NC
- 2017-2019 Chair, Curriculum Committee, Department of Public Health, Brody School of Medicine, East Carolina University, Greenville, NC
- 2018-2019 Co-Chair, Promotion and Tenure Committees, Brody School of Medicine, East Carolina University, Greenville, NC
- 2018-2019 Chair, Tenure Track Faculty Search Committee, Epidemiology, Department of Public Health, Brody School of Medicine, Greenville, NC
- May-June 2020 Contact Tracing Committee (invited), COVID-19 University Reopening Plan, East Carolina University
- 2020-present Invited Member, Natural Disaster Leadership Team, East Carolina University, Fall 2020
- 2020-2021 Selected Mentor, Mentoring Advice Program, Office of Faculty Development, Brody School of Medicine, Fall 2020-Spring 2021.
- 2021-2022 Elected Member, Educational Policies and Planning Committee, ECU Faculty Senate

**HONORS AND AWARDS:**

- 1986-1988 U.S. Public Health Service Traineeship, Yale University School of Public Health

- 1992 Elected Faculty Council Student Representative, School of Public Health, University of California, Berkeley
- 1993 Student Representative, Epidemiology Faculty Search Committee, School of Public Health, University of California, Berkeley
- 1993 Oak Ridge National Laboratory Travel Fellowship, U.S. Department of Energy, Oak Ridge National Laboratory, Oak Ridge, TN
- 1994 First Prize, Student Poster Contest, Sixth Annual Meeting of the International Society for Environmental Epidemiology, Chapel Hill, NC
- 2005 Spot Award, recognition for exemplary performance, Research Triangle Institute International, Research Triangle Park, NC
- 2005 Professional Development Award, Research Triangle Institute International, Research Triangle Park, NC
- 2006 President's Award, Research Triangle Institute International, Research Triangle Park, NC
- 2013 Elected Fellow, American College of Epidemiology
- 2016 Selected, ECU Chancellor's Leadership Academy
- 2018 Selected, ECU Engagement Outreach Scholar Award

**PROFESSIONAL SERVICE:**

- 2003 Invited Grant Reviewer, National Institute of Environmental Health Sciences (NIEHS)/NIH Fogarty International Center, Special Emphasis Panel, ZES1 JAB-C (FO) Research Triangle Park, NC
- 2005 Reviewer, NIEHS Special Emphasis Panel, P01, Research Triangle Park, NC
- 2005-2007 Chair, Epidemiology Section, North Carolina Public Health Association
- 2007-2009 Chair, Membership Committee, North Carolina Public Health Association
- 2008-2011 Governing Council Liaison, Student Caucus, North Carolina Public Health Association
- 2011-2014 Academic Liaison, Governing Council, North Carolina Public Health Association
- 2009-2015 Advisory Board Member, Population Health Improvement Partners, formerly Center for Public Health Quality, Raleigh, NC
- 2012-2014 Local Cancer Control Expert Group, National Association of County and City Health Officials
- 2013-2015 Member, Education Committee, American College of Epidemiology

- 2013- Member, Cancer Committee, Vidant Medical Center, Greenville, NC
- 2013-2014 President-Elect and Chair, Public Awareness Committee, North Carolina Public Health Association
- 2014-2016 Advisory Board Member, North Carolina Alliance of Public Health Agencies
- 2014-2015 Vice-President, and Chair, North Carolina Public Health Association, Annual Educational Conference Planning Committee (FEC Winston-Salem, NC)
- 2015 Chair, Health Disparities Task Force, North Carolina Colorectal Cancer Forum, American Cancer Society, Raleigh, NC
- 2015-2016 President, North Carolina Public Health Association (FEC New Bern, NC)
- 2015-present Member, Steering Committee Member, NC Colorectal Roundtable, American Cancer Society, Raleigh, NC – delegate from North Carolina Public Health Association
- 2014-2016 State of North Carolina Advisory Committee on Cancer Coordination and Control Partnership, Patient Navigation and Cancer Prevention Workgroups
- 2016-2017 Past President, North Carolina Public Health Association (FEC Asheville, NC)
- 2017 Selection Committee, UNC Public Health Leadership Institute, UNC Gillings School of Global Public Health
- 2017 Invited Grant Reviewer, NIEHS Special Emphasis Panel/Scientific Review Group 2018/01 ZES1 LAT-S (T3) 1, (November 20, 2017) (TS-R21)
- 2018 Invited Grant Reviewer, NIEHS Special Emphasis Panel/Scientific Review Group 2018/01 ZES1 LAT-K (TS) 1, (January 18, 2018) (TS-R21)
- 2018 Invited Grant Reviewer, NIEHS Special Emphasis Panel/Scientific Review Group ZES1 JAB-K (R1) 2 (June 21-22, 2018) (ONES)
- 2019 Invited External Reviewer, Promotion to Associate Professor, University of North Dakota, School of Medicine and Health Sciences, Department of Population Health.
- 2019-2020 Invited Member, North Carolina Cancer Research Advisory Panel, Advisory Panel mandated by North Carolina General Assembly.
- 2019-present Invited Member, Advisory Board, Carolinas Integrated Sciences and Assessments (CISA)
- 2019 Volunteer Abstracter Reviewer, Epidemiology Section, 2019 American Public Health Association, Annual Meeting, Nov 2-6, 2019.
- 2020-present Graduate Faculty Appointment, University of North Carolina at Charlotte (serving on Dissertation Committee)
- 2020 Invited External Evaluator, P30 Consortium, Michigan Center for Lifestage Environmental Exposures and Disease, University of Michigan, March 2020.

- 2020 Participant, American Public Health Association, Epidemiology Section Focus Group for Member Unit Effectiveness and Engagement Project (MUEEP), April 23, 2020, 12-1:30.
- 2021 Member, Strengthening Public Health Practice Workgroup, American Public Health Association.
- 2021 Invited Grant Review Panel, NIEHS Superfund Hazardous Substance Research and Training Program (P42 Clinical Trial Optional), September 28-October 1, 2021 and October 28-29, 2021.

Ad Hoc Journal Reviewer

Annals of Epidemiology  
American Journal of Preventive Medicine  
Journal of Public Health Management and Practice  
International J of Environmental Research and Public Health  
Cancer Causes and Control  
North Carolina Medical Journal  
Abstract Reviewer, North American Congress of Epidemiology 2011, Montreal, Canada  
Guest Editor, Quality Improvement in Public Health, Issue Focus, January/February, 2012,  
Journal of Public Health Management and Practice  
Journal of Healthcare for Poor and Underserved  
Journal of Rural Health  
Journal of the American Board of Family Physicians  
PLOS One  
Frontiers in Public Health Education and Promotion  
Vaccines  
BMJ Global Health  
Journal of Homeland Security and Emergency Management  
Disaster Medicine and Public Health Preparedness

**CONTINUING EDUCATION AND TRAINING:**

- 2008 Peer Observation Training Workshop, Office of Faculty Excellence, East Carolina University, August 2008
- 2008 ADED 7580, sec 601, Introduction to Education in the Healthcare Professions, College of Education, East Carolina University, Fall 2008
- 2008 Personnel Action Dossier (PAD) Workshop, Office of Faculty Excellence, East Carolina University, October 2008
- 2008 Academic & Clinical Research Series: Online Research: PubMed, OVID, and RefWorks, Office of Faculty Excellence, East Carolina University, October 2008
- 2008 Maintaining Quality in Distance Education, Office of Faculty Excellence, East Carolina University, September 2008
- 2009 Lecturing and Presentation Skills, Time Management, Office of Faculty Excellence, East Carolina University, April 21, 2009

- 2009 National Cancer Institute Summer Curriculum in Cancer Prevention, Molecular Prevention Course, Rockville, MD, August 3-7, 2009
- 2010 Environmental Health Summit, Research Triangle Environmental Collaborative. America's Healthcare Policy through the Lens of Environmental Health. NC Biotechnology Center, RTP, NC, September 28-29, 2010
- 2010 4<sup>th</sup> Annual Survivorship Summit, North Carolina Comprehensive Cancer Program. Blake Hotel, Charlotte, NC, June 18-19, 2010
- 2011 Brody Women's Faculty Committee: Tenure/PAD mentoring, January 27, 2011
- 2011 Annual Women in Science and Medicine Conference, Janet Bickel, "Strategic Individual Career Management and Facilitating Organizational Improvement", April 12, 2011
- 2011 Brody Women's Faculty Committee: Beth Velde, PhD, "Effective Communication: What's the Message?"
- 2011 Third North American Congress on Epidemiology, Montreal, Canada, June 21-24, 2011
- 2012 Professional Leadership in Medicine and Science Program, "I can make a positive difference!", April 18, 2012
- 2012 Down East Dermatology Day, Continuing Education, Greenville Hilton, April, Greenville, NC
- 2012 Coping with Cancer Symposium, sponsored by UNC Lineberger Comprehensive Cancer Center and Leo Jenkins Cancer Center, Greenville, NC, April 20-21, 2012
- 2012 North Carolina Oncology Navigator Association, Paving the Way in Cancer Care, Seminar, Durham, NC, June 15, 2012
- 2012 24<sup>th</sup> Annual Meeting of the International Society for Environmental Epidemiology, Environmental Health Across Land, Air, Sea, Columbia, SC, October 2012
- 2013 American College of Epidemiology Annual Meeting 2013, Workshop 1: Enhancing the Epidemiologist's Research Toolbox: An Introduction to Systems Science, September 20, 2013, Louisville, KY
- 2013 American College of Epidemiology Annual Meeting 2013, Workshop 7: Using Mixed-Methods in Epidemiologic Research, September 21, 2013, Louisville, KY
- 2014 American Public Health Association, 142<sup>nd</sup> Annual meeting, SEER\*Stat Workshops I and II, November 15-16<sup>th</sup>, New Orleans, LA
- 2014 Peer-Observation Workshop, Office of Faculty Excellence, East Carolina University, Certificate of Completion, October 7, 2014
- 2014 Funding of Population-Health Prevention and Wellness Programs: What are the Fiscal Relationships among Health Providers? Spring meeting, North Carolina Public Health Association, Raleigh, NC, May 13, 2014



- 2014 Institute for Healthcare Improvement Open School, Certificate of Completion for 16 Quality Improvement Courses covering: Patient Safety, Improvement Capability, Quality Cost and Value, Person-and Family-Centered Care: Basic Certificates of Completion
- 2014 ECU Health Informatics Career and Internship Fair/Symposium, East Carolina Heart Institute, October 24, 2014
- 2015 Annual Women in Science and Medicine Leadership Conference: “Health Sciences Leadership and Communication for the 21<sup>st</sup> Century,” April 21, 2015, 12:00-5:00pm
- 2016 American Public Health Association, 144<sup>nd</sup> Annual Meeting. Creating the Healthiest Nation: Ensuring the Right to Health, October 29-November 2, 2016, Denver, CO
- 2016 “Criteria Rollout Meeting” sponsored by Council on Education for Public Health (CEPH) announcing new accreditation criteria, Denver, CO, October 30, 2016
- 2017 North Carolina State Health Director’s Annual meeting, January, Raleigh, NC
- 2017 Association for Prevention Teaching and Research, Annual Meeting, Teaching Prevention 2017: Aligning Curriculum to Achieve Health Equity, April 5-7, 2017, Savannah, GA
- 2017 ECU and North Carolina Emergency Management Hurricane Conference (HURR-0110) Training, May 24, 2017
- 2017 State of North Carolina Annual Public Health Preparedness Symposium, Northwest AHEC, Wake Forest, NC, May 18, 2017
- 2017 Unraveling the NIH Grants Process, Pre-conference course, International Society of Exposure Science, Research Triangle Park, NC, October 15, 2017
- 2017 2016 [new] Criteria Workshop, Council on Education for Public Health, Hilton Arlington, Arlington, VA, October 19-20, 2017
- 2017 American Public Health Association, 145<sup>nd</sup> Annual Meeting. Creating the Healthiest Nation: Climate Changes Health, November 4-8, 2017, Atlanta, GA
- 2018 NIH Workshop on Chronic Kidney Disease in Agricultural Communities. NIDDK-NIEHS, Bethesda Marriott, Bethesda, MD, June 25-26, 2018.
- 2019 Certificate of Completion, UNC-Duke Tobacco Treatment Specialist Training Workshop, Eastern AHEC, June 10-13, 2019
- 2019 3<sup>rd</sup> International Workshop on Chronic Kidney Disease of Unexplained Etiology, San Jose, Costa Rica, March 20-22, 2019
- 2019 Certificate of Training Completion, FEMA Incident Command Structure (ICS), courses 100, 200, online, July 2019
- 2020 Certificate of Completion. Training. Protecting Yourself from COVID-19 in the Workplace, NIEHS online course, September 3, 2020

- 2020 Certificate of Completion. Applying the Quality Matters Rubric Workshop, Teaching Online, June 18, 2020
- 2020 Certificate of Completion, COVID-19 Contract Tracing Onboarding Training Curriculum, Carolina Community Tracing Collaborative, NC Areas Health Education Centers (AHEC), July 15, 2020

**ARTICLES AND BOOK CHAPTERS:** \*=MPH student mentor, \*\*=medical or dental student, Underlined>=medical resident, &=Doctoral

1. **Lea CS, Spitz MR** (1992). Perspectives in Prevention: Malignant Melanoma Update. *The Cancer Bulletin* (M.D. Anderson Cancer Center periodical).
2. Longstreth JD, **Lea CS**, Kripke ML (1992). UV-Irradiation and Other Putative Causes of Malignant Melanoma, In Charles M. Balch, MD and Alan N. Houghton, MD (Eds.), *Cutaneous Melanoma, 2nd Edition* (pp. 46-58). New York, New York: J.B. Lippincott Company. Book Chapter
3. Smith MT, **Lea CS**, Buffler PA (1995). Human Population Changes Caused by Hazardous Waste. *Central European Journal of Hazardous Waste*, 3 (2), 77-79.
4. Atawodi SE, **Lea CS**, Boffetta P, Friesen MD (1998). HPB-Hemoglobin Adducts as a Biomarker of Exposure to Tobacco Smoke: a Validation Study. *Cancer Epidemiology, Biomarkers & Prevention*, 7, 817-21.
5. **Lea CS**, Boffetta P, Hertz-Picciotto I (1999). Gender Differences in the Healthy Worker Effect Among Man-Made Vitreous Fiber Workers. *American Journal of Epidemiology*, 150, 1099-1106.
6. Boffetta P, Ahrens W, Nyberg F, Mukeria A, Brushk-Hohlfeld I, Fortes C, Constantinescu V, Simonato L, Batura-Gabryel H, **Lea CS**, Gaborieau V, Benhamou S (1999). Exposure to Environmental Tobacco Smoke and Risk of Adenocarcinoma of the Lung. *Int. J. Cancer*, 83, 635-639.
7. **Lea CS**, Buffler PA, Durst MJ, Merrill DW, Selvin S (2000). Reassessment of Cancer Mortality among Employees at Oak Ridge National Laboratory with Follow-up through 1984: A Comparison with Results of Previously Published Studies. *Technology: A Journal of Science*.
8. Malats N, Camus-Radon AM, Nyberg F, Ahrens W, Constantinescu V, Mukeria A, Benhamou S, Batura-Gabryel H, Bruske-Hohlfeld I, Simonato L, Menezes A, **Lea CS**, Lang M, Boffetta P (2000). Lung Cancer Risk in Non-smokers and GSTM1 and GSTT1 Genetic Polymorphisms. *Cancer Epidemiology, Biomarkers & Prevention*, 9, 827-833.
9. Aragon T, **Novotny S**, Enanoria, W, Khalakdina A, Katz MH (2003). Endemic Cryptosporidiosis and Exposure to Municipal Tap Water in Persons with Acquired Immunodeficiency Syndrome: A Case-Control Study. *BMC Public Health*, 3 (2).
10. Isakbaeva ET, Khetsuriani N, Beard RS, Peck A, Erdman D, Monroe SS, Tong S, Ksiazek TG, Lowther S, Pandya-Smith I, Anderson LJ, Lingappa J, Winddowson MA (2004). SARS-associated Coronavirus Transmission, United States. *Emerging Infectious Diseases*, 10, 225-231. (listed as **co-author** from County Health Departments)

11. Reinier K, Hammond SK, Buffler PA, Gunier RB, **Lea CS**, Quinlan P, Kirsch J (2004). Development and Evaluation of Parental Occupational Exposure Questionnaires for a Childhood Leukemia Study. *Scandinavian Journal of Work, Environment, and Health*, 30 (6), 450-8.
12. Feldman KA, Werner SB, Cronan S, Hernandez M, Horvath AR, **Lea CS**, Au AM, Vugia DJ (2005). A Large Outbreak of Scombroid Fish Poisoning Associated with Eating Escolar Fish (*Lepidocybium flavobrunneum*). *Epidemiology and Infection*, 133 (1), 29-33.
13. **Lea CS**, Holly EA, Hartge P, Lee JS, Guerry D, Elder DE, Halpern A, Sagebiel RW, Tucker MA (2007). Reproductive Risk Factors for Cutaneous Melanoma in Women: A Case-Control Study. *American Journal of Epidemiology*, 165, 505-513.
14. **Lea CS**, Buffer PA, Scotto J, Fine J, Barnhill RL, Berwick M (2007). Ambient UVB and Melanoma Risk in the United States: A Case-Control Analysis. *Annals of Epidemiology*, 17, 447-453.
15. **Lea CS** (2008). Letter to the Editor. RE: The General Epidemiologist: Is There a Place in Today's Epidemiology? *American Journal of Epidemiology*, 167, 375.
16. **Lea CS**, Gordon NP, Prebil LA, Ereman R, Eratsu C, Powell M (2009). Differences in Reproductive Risk Factors for Breast Cancer in Middle-aged women in Marin County, California and a sociodemographically similar area of Northern California. *BMC Women's Health*, 9, 6.
17. Kent JN\*, **Lea CS**, Fang X, Novick LF, Morgan J (2010). Seasonal Influenza Vaccination Rates among Local Health Department Personnel in North Carolina, 2007-2008. *Am J Prev Med*, 39 (1), 74-77.
18. Efird JT, Toland AE, **Lea CS**, Phillips CJ (2011). The Combined Influence of Oral Contraceptives and Human Papillomavirus Virus on Cutaneous Squamous Cell Carcinoma. *Clinical Medicine Insights: Oncology*, 5, 55-75.
19. Cummings DM, Larsen LC, Doherty L, **Lea CS**, Holbert D (2011). Glycemic Control Patterns and Kidney Disease Progression in Primary Care Patients with Diabetes Mellitus. *J Am Board Fam Prac*, 24 (4), 391-398.
20. Wright SS, **Lea CS**, Holloman R, Cornett A, Harrison LM, Randolph G (2012). Using Quality Improvement to Promote Breast-feeding in a Local Health Department. *Journal of Public Health Practice and Management*, 18 (1), 36-42.
21. Ramaswamy R, Segal S, Harris J, Randolph GD, Cornett A, Harrison LM, **Lea CS** (2012). Standardizing Environmental Health Processes at the Iowa Department of Public Health. *Journal of Public Health Practice and Management*, 18 (1), 27-35.
22. Slusky DA, Metayer C, Aldrich MC, Ward MH, **Lea CS**, Selvin S, Buffler PA (2012). Reliability of Maternal-Reports Regarding the Use of Household Pesticides: Experience from a Case-Control Study of Childhood Leukemia. *Cancer Epidemiology*, 36 (4), 375-80.
23. Neenan A\*, **Lea CS**, and Lesesky EB (2012). Reasons for Tanning Bed Use: A Survey of Community College Students in North Carolina. *NC Med J*, 73 (2), 89-92.

24. Randolph GD, Stanley C, Rowe B, Massie SE, Cornett A, Harrison LM, **Lea CS** (2012). Lessons Learned from Building a Culture and Infrastructure for Continuous Quality Improvement at Cabarrus Health Alliance. *Journal of Public Health Practice and Management*, 18 (1), 55-62.
25. Randolph GD, **Lea CS** (2012). Guest Editorial, Quality Improvement in Public Health: Moving From Knowing the Path to Walking the Path. *Journal of Public Health Management and Practice*, 18 (1), 4-8.
26. Harrison LM, Shook ED, Harris G, **Lea CS**, Cornett A, and Randolph G (2012). Applying the Model for Improvement in a Local Health Department: Quality Improvement as an Effective Approach in Navigating the Changing Landscape of Public Health Practice in Buncombe County, North Carolina. *Journal of Public Health Practice and Management*, 18 (1), 19-26.
27. Cornett A, Thomas M, Davis M, Mahanna E, Cordova A, Herring C, **Lea CS**, Harrison L, Randolph G (2012). Early Evaluation Results from a Statewide Quality Improvement Training Program for Local Public Health Departments in North Carolina. *Journal of Public Health Practice and Management*, 18 (1), 43-51.
28. Guha N, Ward MH, Gunier R, Colt JS, **Lea CS**, Buffler PA, Metayer C (2013). Characterization of Residential Pesticide Use and Chemical Formulations through Self-Report and Household Inventory: the Northern California Childhood Leukemia Study. *Environmental Health Perspectives*, 121 (2), 276-82.
28. Jilcott Pitts SB, **Lea CS**, May CL\*, Stowe C, Hamill DJ, Walker KT and Fitzgerald TL (2013). Fault-line of an Earthquake: A Qualitative Examination of Barriers and Facilitators to Colorectal Cancer Screening in Rural, Eastern North Carolina. *Journal of Rural Health*, 29 (1), 78-87.
29. Kearney GD, **Lea CS**, Balanay J, Wu Q, Bethel JW, Von Hollen H, Sheppard K, Tutor-Marcom R, Defazio J (2013). Assessment of Sun Safety Behavior among Farmers Attending a Regional Farm Show in North Carolina. *Journal of Agromedicine*, 18 (1), 65-73.
30. **Lea CS**, Rose CL\*, May CL, Winterbauer N, Miller EJ\*, and Fitzgerald TL (2013). Patient Scenario Identifies Gaps in Breast Cancer Services in a Rural Region. *Journal of Community Health Nursing*, 30 (3), 129-142.
31. **Lea CS**, Efird JT, Toland AE, Lewis DR, Phillips CJ (2014). Melanoma Incidence Rates in Active Duty Military Personnel Compared with a Population-Based Registry in the United States, 2000-2007. *Military Medicine*, 178 (3), 247-253.
32. **Lea CS**, King CA (2014). Cancer in a 29-county area in eastern North Carolina: an opportunity to reduce health inequities. *N C Med Journal*, Jul-Aug; 75(4), 287-90. PubMed PMID: 25046098.
33. Fitzgerald TL, **Lea CS**, Brinkley J, Zervos EE (2014). Colorectal Cancer Outcome Inequalities: Association between Population Density, Race, and Socioeconomic Status. *Rural Remote Health*, Jul-Sept; 14(3), 2668.
34. Kinney S\*, **Lea CS**, Kearney G, Kinsey A, Amaya C (2015). Predictors for Using a HIV Self-Test Among Migrant and Seasonal Farmworkers in North Carolina. *International Journal of Environmental Research and Public Health*, Jul 17; 12(7), 8348-8358.

35. **Lea CS**, Holly EA, Bracci PM (2015). Cigarette Smoking and Risk of Pancreatic Cancer: a Clinic-Based Case-Control Study in the San Francisco Bay Area. *Annals of Epidemiology*; 25:816-823.
36. Metayer C, Scelo G, Kang AY, Gunier RB, Reinier K, **Lea CS**, Chang JS, Selvin S, Kirsch J, Crouse V, Does M, Quinlan P, Hammond SK (2016). A Task-based Assessment of Parental Occupational Exposure to Organic Solvents and other Compounds and the Risk of Childhood Leukemia in California. *Environ Res*. 2016 Nov;151:174-183. doi:10.1016/j.envres.2016.06.047. PubMed PMID: 27494537.
37. Larson K, Mathews HF, Torres E, **Lea CS** (2017). Responding to Health and Social Needs of Aging Latinos in New-Growth Communities: A Qualitative Study. *BMC Health Services Research*. 2017 Aug 25;17(1):601. doi: 10.1186/s12913-017-2551-2. PubMed PMID: 28841873.
38. Gunier RB, Kang A, Hammond SK, Reinier K, **Lea CS**, Chang JS, Does M, Scelo G, Kirsch J, Crouse V, Cooper R, Quinlan P, Metayer C (2017). A task-based assessment of parental occupational exposure to pesticides and childhood acute lymphoblastic leukemia. *Environ Res*. 2017;156:57-62. doi:10.1016/j.envres.2017.03.001
39. Fitzgerald TL, Mosquera C, **Lea CS**, McMullen M\* (2019). Primary Site Predicts Grade for Gastroenteropancreatic Neuroendocrine Tumors. *Am Surg*. 2017 Jul 1;83(7):799-803. PubMed PMID: 28738955.
40. **Lea CS**, Perez-Heydrich C, Des Marais AC, Richman AR, Barclay L, Brewer NT, Smith JS (2019). Predictors of Cervical Cancer Screening Completion among Infrequently Screened Women: My Body My Test-1. *J Womens Health (Larchmt)*. 2019;28(8):1094-1104. doi:10.1089/jwh.2018.7141
41. **Lea CS**, Beasley C, Cox A (2019). Regional After-Action Review among Local Health Department Personnel after Hurricane Matthew in Eastern North Carolina, United States. *J Public Health Manag Pract*. 2019;25(6):606-609. doi:10.1097/PHH.0000000000000989
42. **Lea CS**, Bohra S\*, Moore T, Passwater C, Liles D (2018). Exploring Behaviors, Treatment Beliefs, and Barriers to Oral Chemotherapy Adherence among Adult Leukemia Patients in a Rural Outpatient Setting. *BMC Res Notes*. 2018 Nov 29;11(1):843. doi: 10.1186/s13104-018-3935-z.
43. Kotlarz N, McCord J, Collier D, **Lea CS**, Strynar M, Lindstrom AB, Wilkie AA, Islam JY, Katelyn Matney K, Tarte P, Polera ME, Burdette K, DeWitt J, May K, Smart RC, Knappe DRU, Hoppin JA. (2020). Poorly understood PFAS generated as byproducts of fluorochemical manufacturing are in the blood of children and adults living in Wilmington, North Carolina. *Environmental Health Perspectives*. DOI 10.1289/EHP6837.
44. Cataldo NP\*, **Lea CS**, Kelley T, Richards SL (2020). Assessment of Resistance to Organophosphates and Pyrethroids in *Aedes aegypti* (Diptera: Culicidae): Do Synergists Affect Mortality? *J Med Entomol*. 2020 Nov 13;57(6):1992-1996. doi: 10.1093/jme/tjaa101. PMID: 32484559.
45. **Lea CS**, Littleton H, Allen AB, Beasley CM (2020). Invited Commentary: Resilience, Self-compassion, and Mental Health Outcomes: Rebuilding Eastern North Carolina After Natural Disasters. *North Carolina Medical Journal*. 2020 Sep-Oct;81(5):315-319. doi: 10.18043/ncm.81.5.315. PMID: 32900893.

46. Hinshaw T\*\*, **Lea S**, Arcury J, Parikh AA, Snyder RA (2021). Racial and geographic disparities in stage-specific incidence and mortality in the colorectal cancer hotspot region of eastern North Carolina, 2008–2016. *Cancer Causes Control* (2021). <https://doi.org/10.1007/s10552-020-01381-2>
47. Hodgson J, Lamson A, Kolobova I, Tucker E, Brimhall A, **Lea CS**, Brinkley (2021). The Experience of Distress and Coping Among Young Adults with Cancer and Their Caregivers. *Contemporary Family Therapy* (2021). <https://doi.org/10.1007/s10591-021-09592-8> (accepted June 21, 2021)

#### **PRESENTATIONS (Poster and Podium):**

\*= MPH student mentor, \*\*=medical or dental student, Underlined>=medical resident

1. **Lea CS**, Berwick M, & Thompson D (1989). Poster, Method for Quantifying Individual Solar Exposure in a Case-Control Study of Cutaneous Melanoma. Second International Conference on Melanoma, Venice, Italy
2. **Lea CS**, Buffler PA (1992). Poster, Comparison of Three Exposure Methods to Quantify Lifetime Exposure to Ultraviolet Radiation in the Epidemiology of Cutaneous Malignant Melanoma. Fourth International Conference on Environmental Epidemiology, Cuernavaca, Morelos, Mexico
3. **Lea CS**, Buffler PA (1993). Poster, Studying the Health Effects Around Hazardous Waste Sites: Lessons from the USA. Fifth International Conference on Environmental Epidemiology, Stockholm, Sweden
4. **Lea CS** (1995). Poster, Computational Approaches to Latency Analysis: Is There a Difference? Sixth International Conference on Environmental Epidemiology, Chapel Hill, NC (First Prize Student Poster Contest)
5. Buffler PA, Reynolds P, Smith MT, **Lea CS** (1996, November). Oral Presentation, Molecular Epidemiology of Childhood Leukemia with Emphasis on Chemical Exposures. Pacific Basin Conference on Hazardous Waste, Kuala Lumpur, Malaysia
6. **Lea CS**, Boffetta P, Hertz-Picciotto I (1998). Oral Presentation, Gender Differences in the Healthy Worker Effect Among Man-Made Vitreous Fiber Workers. International Conference on Women's Health: Occupation, Cancer and Reproduction, Reykjavik, Iceland
7. **Lea CS**, Buffler PA, Smith MT, Wiencke C, Skibola C, Zheng S, Zhang L (1998). Poster, Reproducibility of the MTHFR Locus as a Marker for Leukemia Risk in Children. Annual NIEHS/EPA Basic Superfund Basic Research and Training Program, Berkeley, CA
8. **Lea CS**, Raines-Eudy R (2001, October). Poster, Asynchronous Web-based Epidemiology Course Incorporating Animation and Graphics. 129th Annual Meeting of the American Public Health Association, Atlanta, GA
9. Albalak R, Weinfurter PC, Blumberg HM, Tapia J, Goldbaum G, Pang J, Royce RA, **Lea CS**, Bethel J, Wallace R, Mazurek GJ (2006). Oral Presentation, An Interferon-gamma Assay and the Tuberculin Skin Test for Detecting TB Infection in Multiple High-risk Populations. 37th Union World Conference on Lung Health of the International Union Against Tuberculosis and Lung Disease, Paris, France

10. Royce R, **Lea CS** (2007). Poster, Estimating the Tuberculosis Infection Prevalence in a Residential Alcohol and Drug Treatment Center in Central North Carolina Using Interferon- $\gamma$  Release Assays and Tuberculin Skin Test. Preliminary Results. Rethinking the Epidemiology of Tuberculosis Infection, Global Symposium on Interferon- $\gamma$  Assays, Vancouver, Canada
11. Cummings DM, **Lea CS**, Doherty L, Holbert D (2009). Poster, HbA1c Control Patterns and Kidney Disease Progression In Patients With Diabetes Mellitus. The North American Primary Care Research Group Annual Meeting, Montreal, Quebec, Canada, November 14-18, 2009
12. Campbell D, **Lea CS** (2010). Oral Presentation, Community Educational Workshop Addresses HIV Health Disparity in Black Women in Eastern North Carolina. The 7th Annual Jean Mills Health Symposium, Greenville, NC
13. Eggar J\*, **Lea CS**, Bellin L, Raab R, Wong J (2011). Poster, A Pilot-study of the Decision-making Process of Seeking Medical Care in Women Diagnosed with Large Breast Tumors. 2011 Breast Cancer Symposium, American Society for Clinical Oncology, San Francisco, CA
14. Fitzgerald TL, **Lea CS**, Brinkley J, Zervos E (2011). Poster, Colorectal Cancer More Deadly for those Residing in Urban and Rural Counties: SEER Registry Data, 1992-2002. American College of Surgeons' 2011 Clinical Congress, San Francisco, CA
15. Winbourne C\*, Parker K, Ward R, Christiano C, Hames M, **Lea CS**, Bolin P (2011). Oral Presentation, An Intervention to Improve Chronic Kidney Disease Prevention and Management in High Risk Patients Seen at the Bernstein Center in Greenville, North Carolina: Blood Pressure Outcomes. Yash P. Kataria Internal Medicine Research Day, Greenville, NC
16. **Lea CS**, Daley JL\*, Tyler CT\* (2012, February). Poster, Prevalence of Abnormal Pap Smears in a Rural Population: Results of a Pilot Study. The 8th Annual Jean Mills Health Symposium, Greenville, NC
17. Rose B\*, Holder DW, **Lea CS**, Greer AG, Mangan S, Savage RR, Landrine H, O'Neal WJ. (2014). Poster, Predictions of HPV Vaccine Acceptance among Parents of Adolescent Males in Rural, Eastern North Carolina: A Pilot Investigation. Pediatrics Infectious Disease Society, February, Memphis, TN.
18. Metayer C, Scelo G, Gunier R, Reinier K, **Lea CS**, Chang J, Selvin S, Kirsch J, Does M, Quinlan, P, Hammond K (2014). Poster, A Task-based Assessment of Parental Occupational Exposure to Organic Solvents and Other Compounds and Risk of Acute Lymphoblastic Leukemia in the Offspring. International Society for Environmental Epidemiology Annual Meeting, Seattle, WA, August 24-28, 2014
19. Kang AY, Metayer C, Scelo G, Gunier RB, Reinier K, **Lea CS**, Chang JS, Selvin S, Kirsch J, Does M, Quinlan P, Hammond K (2014). Poster, A Task-based Assessment of Parental Occupational Exposure to Organic Solvents and Other Compounds and Risk of Acute Lymphoblastic Leukemia in the Offspring. University of California, Berkeley, Berkeley, CA
20. **Lea CS**, Winterbauer N, Merrill J, Tucker A\* (2014) Oral Presentation, Network Analysis of Organizations Providing Mammography in a Rural Region. Women's Caucus. American Public Health Association, 142<sup>nd</sup> annual meeting, New Orleans, LA, November 19, 2014

21. Richardson M\* and **Lea CS**, (2015). Poster, Comparing Breast Cancer Rates between Edgecombe County and New Hanover County Based on Socioeconomic Data. UNC-W College of Health and Human Service Research Day, University of North Carolina Wilmington, April 10, 2015
22. **Lea CS**, Kearney G, Kinney S\* (2015). Poster, Perception of HIV Test Kits among Migrant and Seasonal Farmworkers. UNC-W College of Health and Human Services Research Day, University of North Carolina Wilmington, April 10, 2015
23. Liles DK, **Lea CS**, Desai T, Mageau R, Stewart L\*, Rice A\*, Knupp CL (2015). Poster, Enhancing Provider Education and Improving Healthcare Disparities in Chronic Myeloid Leukemia (CML) and Multiple Myeloma (MM) through a Rural Regional North Carolina Hospital Network, Annual Brody Medical Education Day, East Carolina Health Institute, April 22, 2015
24. Liles DK, **Lea CS**, Schreier A, Moore TN\*, Dangott B, Stewart L, Passwater C, Knupp C (2016). Poster, Enhancing Nursing Education Using Online Webinars to Improve Healthcare Disparities in Patients with Multiple Myeloma and Chronic Myeloid Leukemia. Redesigning Education to Accelerate Change in Healthcare (REACH) Quality Improvement Symposium, Greenville, NC, March 2, 2016
25. Beasley K\* and **Lea CS** (2016). Poster, An Ecologic Correlation between Mode of Delivery and Asthma. UNC-W College of Health and Human Services Research Day, Poster Showcase, UNC-Wilmington, April 8, 2016
26. Liles DK, **Lea CS**, Passwater C, Moore TN\*, Dangott B, Stewart L, Knupp C (2016). Poster, High Adherence to Oral Medications Among Hematology Patients in a Rural Community-Based Hospital Network. 2016 National Comprehensive Cancer Network Annual Conference, Hollywood, FL, April 1, 2016
27. Liles DK, **Lea CS**, Passwater C, Moore TN\*, Dangott B, Stewart L, Knupp C (2016). Poster, Barriers to Adherence in Hematologic Malignancies in a Rural Regional Hospital Network. 2016 American Society of Clinical Oncology Annual Meeting, Chicago, IL, June 3-7, 2016
28. **Lea CS**, Beasley K\*, Foltz J (2017). Poster 247, Improving Colorectal Cancer Screening in Primary Care: Examine the Health Record, 2017 Association Prevention Teaching and Research, Teaching Prevention 2017 Annual Meeting, Savannah, GA, April 5-7, 2017
29. Mathews H, Larson K, Torres E, **Lea S**, Mitchell J (2017). Podium, Varying Perceptions of Older Latinos in new growth communities in eastern North Carolina: A thematic analysis. Annual Meeting of the Society for Applied Anthropology, Santa Fe, NM; March 28-April 1, 2017.
30. Larson K, Mathews H, Torres E, **Lea CS** (2017). Podium, Responding to Health and Social Needs of Aging Latinos in New-Growth Communities: A Qualitative Study. Podium Presentation at the National Academies of Practice Annual Meeting & Forum. Philadelphia, PA, March, 2017.
31. McMullen MW\*, **Lea CS**, Brinkley PhD J, Mosquera MD C, Fitzgerald MD TL (2017). QuickShot, Presentation, Defining Treatment Paradigms for High-Grade Gastroenteropancreatic Neuroendocrine Tumors. 12th Annual Academic Surgical Congress, February 7-9, 2017, Las Vegas, Nevada
32. Mehaffey EC\*\*, **Lea CS**, Wright W (2016). Poster, Prevalence of Tobacco Use Among Adult Dental Patients at East Carolina University School of Dental Medicine. ECU School of Dental Medicine, Research Day, August 24, 2016. Awarded Colgate Student Research Award.



33. **Lea CS, Moore TN\***, Passwater C, Dangott B, Liles D (2017). Poster 390100, Compliance with oral medications for hematologic malignancies within a rural hospital network. 145th Annual Meeting of the American Public Health Association, Atlanta, Georgia. Nov 4-8, 2017
34. Mosquera C, **Lea CS**, Fitzgerald TL (2017). Podium, Factors Associated with Grade for Gastroenteropancreatic Neuroendocrine Tumors (GEP-NET): Location, Location, Location. Southeastern Surgical Congress 2017 Annual Meeting, Nashville, Tennessee.
35. Press A\*, **Lea CS**, O’Leary M, Johnson M (2017). Poster 381952, An Evaluation of Patient Adherence to Follow-up Colonoscopy within a Veteran Cohort: Cooperative Studies Program #380. 145th Annual Meeting of the American Public Health Association, Atlanta, Georgia. Nov 4-8, 2017
36. Mabellos J\*, **Lea CS** (2017). Poster, 3<sup>rd</sup> place prize, Success: Ozone Effects Since the 1987 Montreal Protocol, Climate Change and Health Symposium: Focus on Eastern North Carolina, East Carolina Heart Institute, March 23, 2017
37. Eden T\*, **Lea CS** (2017). Poster 386727, Associations of Self-Perceptions of HIV Risk and Intentions to Use Self-testing Kits. 145th Annual Meeting of the American Public Health Association, Atlanta, Georgia. Nov 4-8, 2017
38. **Lea CS**, Winterbauer N, Tucker A, Merrill J (2018). Poster 47, Organizational Networks and Breast Health in Eastern North Carolina. NCI Accelerating Rural Cancer Control Research. Meeting. Bethesda, MD. May 30, 2018.
39. Rajan J\*, **Lea CS** (2018). Poster, Case-control Study of Obesity and Cancer Incidence and Mortality in a Community-Based Patient Population. 14<sup>th</sup> Annual Jean Mills Symposium, Greenville, NC, February 2, 2018.
40. Ramatu S\*, **Lea CS**, Liles D (4027.0, 11-13-2018). Podium, Risk factors for sickle cell nephropathy in adults by genotype in Eastern North Carolina, Assorted Topics in Epidemiology: Part 1, 2018 American Public Health Association Annual Meeting, November 10-14, 2018, San Diego, CA.
41. Grinchak T\*, Redding T, O’Leary M, Hauser E, Johnson M, Provenzale D, **Lea CS** (2018,2055.0, 11-11-18). Poster, Long-term lifestyle changes after screening colonoscopy and the impact of lifestyle risk factors on colorectal advanced neoplasia in the CSP #380 Veteran cohort after 10 years of follow-up. 2018 American Public Health Association Annual Meeting, November 10-14, 2018, San Diego, CA.
42. Hayes J\*, **Lea CS** (2018). Poster, Disaster Resiliency Program: Hurricane Floyd and Hurricane Matthew. Water Resources Research Institute Annual Meeting, North Carolina State University, Raleigh, NC, March 14, 2018.
43. **Lea CS**, Hayes J\*, and Perkins-Williams M (2018). Podium, Recovery and Resilience from Hurricane-Induced Flooding in Eastern North Carolina: Perspectives from Community Leaders, Speaker and Panel Moderator. Session 6B, Engaging Communities for Inclusive Climate Adaptation. 2018 Carolinas Climate Resilience Conference, Columbia, SC. October 31, 2018.
44. Wilkie A, Kotlarz N, May K, **Lea CS**, Islam JY, Hoppin JA (2019). Poster, The GenX Exposure Study: Engaging community through reporting back of per- and poly-fluoroalkyl substances exposure data in Wilmington, NC, 31<sup>st</sup> International Society of Environmental Epidemiology, Utrecht, The Netherlands

45. Kotlarz N, **Lea S**, Collier D, Knappe D, Hoppin J (2019). Podium, Downriver of a PFAS manufacturer: Wilmington, North Carolina residents exposed to emerging PFAS through drinking water. Association of Environmental Engineering and Science Professors Association of Environmental Engineering and Science Professors, Tempe, AZ. May 14-16, 2019.
46. Hinshaw TP\*\*, **Lea S**, Arcury J, Parikh AA, Snyder RA (2019). Poster, Racial and Geographic Disparities in Stage of Presentation in the Colorectal Cancer Hotspot Region of North Carolina. AACR Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, San Francisco, CA, September 20-23, 2019.
47. Hildalgo G, **Lea CS** (2019). Poster, CKDU037, Do Agricultural Workers in Eastern North Carolina Have Unexplained Chronic Kidney Disease: An Exploratory Study. 3<sup>rd</sup> International Workshop on CKDu, San Jose, Costa Rica, March 20-22, 2019
48. Johnson HM, Irish W, Vohra NA, **Lea S**, Henderson L, Schroeder B, Griffin E, Muzaffar M, and Wong J (2020). Poster, abstract 787817. The impact of 20 years of screening mammography on the incidence of early versus late-stage breast cancer in Eastern North Carolina. American Society of Breast Surgeons, 21<sup>st</sup> Annual Meeting, April 29 – May 3, 2020, Las Vegas, NV. Friday, May 1, 2020
49. **Lea CS**, Beasley CM (2020). Podium Presentation. Do You Mean What Is Normal Now That Wasn't Before?: Ideas about Individual Resiliency after Hurricanes Floyd and Matthew. ECU Center for Natural Hazards, HurriCon: Science at the Intersection of Hurricanes and the Populated Coast, East Carolina University, Greenville, NC, Session 15. February 27, 2020.
50. Simeonsson K, **Lea CS**, Hillenbrand K (2021). Panel Presentation PAN-002, Class is Not Dismissed: Keeping Medical Students Engaged in Learning During COVID-19. Teaching Prevention 2021: Promoting Adaptability, Resiliency, & Sustainability, Association for Prevention Teaching and Research (APTR), March 9, 2021 (10am-11am)(Virtually)
51. **Lea, CS** (2021). Podium Presentation, May 10, 2:45-3:45. Communication Preferences after a Hurricane in Eastern North Carolina. [Carolinas Climate Resilience Conference](#), Durham, NC, May 10 – 12, 2021. (in person)
52. Vann G\*\*, **Lea CS**, Poster Hasan I (2021). Poster, Factors Affecting Dental Clearance for Head and Neck Cancer Patients in Eastern North Carolina: A Retrospective Review. Poster Session, 2021 American Academy of Oral Medicine Annual Conference. Virtual. April 15-17, 2021.

#### INVITED SPEAKER:

- 2001 **Lea CS**. Responding to Biological Threats in the Transportation Industry: CDC Recommendations, Testimony, Subcommittee on Public Health and Welfare, State Legislature, Little Rock, AR
- 2001 **Lea CS**. Arkansas Department of Health Preparedness for Bioterrorism, Arkansas Health Education Center, network broadcast, November 2001, Little Rock, AR

- 2001 **Lea CS.** Influenza Outbreak in a Nursing Home Facility, Arkansas Department of Health, Grand Rounds, March 2001, Little Rock, AR
- 2001 **Lea CS.** Infection Control Practitioners and the Arkansas Health Department in a Bioterrorism Event, Arkansas Practitioners for Infection Control, Annual Meeting, Little Rock, AR
- 2001 **Lea CS.** Arkansas Department of Health Anthrax Response Protocol, Arkansas Health Education Center, network broadcast, November 2001, Little Rock, AR
- 2002 **Lea CS.** Potential Anthrax Exposure and Response of the Arkansas Department of Health, Environmental Law Section, Arkansas Bar Association, Little Rock, AR
- 2010 **Lea CS.** Cancer Disparities in Health Status, Health Care Delivery, and Survival, ECU Center for Health Disparities Research, Lecture Series, November 2010, Greenville, NC
- 2011 **Lea CS.** Outbreak of *E. coli* at North Carolina State Fair, 2004, Environmental Health Program Office, monthly seminar, Camp Lejeune Naval Hospital, Department of the Navy, Jacksonville, NC, invited speaker, July 29, 2011
- 2011 **Lea CS.** Prevalence of Abnormal Pap Smears in a Rural North Carolina Population. ECU Center for Health Disparities Research 2011 Lecture Series, Greenville, NC
- 2012 **Lea CS.** Cancer Prevention in Eastern North Carolina, North Carolina Advisory Committee on Cancer Coordination and Control Partnership Meeting, May 2012, Raleigh, NC
- 2012 **Lea CS.** Welcome Remarks, Cancer Prevention Study 3, Kick-Off Recruitment Breakfast, American Cancer Society, Greenville Country Club, May 2012, Greenville, NC
- 2013 Irons T. and **Lea CS.** Patterns of Patient Care in Rural Areas with Limited Resources. Rural Health Systems. Task Force on Rural Health. North Carolina Institute of Medicine. Guilford County Health Department, March 20, 2013
- 2014 **Lea CS.** North Carolina Breast Cancer Statistics, 10<sup>th</sup> Annual Cancer Symposium, North Carolina Area Health Education, Area L, October 29, 2014, Rocky Mount, NC
- 2016 **Lea CS.** Descriptive Epidemiology of Lung Cancer in Eastern North Carolina, Eastern North Carolina Lung Cancer Symposium, ECU Brody School of Medicine, Office of Continuing Medical Education, East Carolina Health Institute, November 4, 2016
- 2016 **Lea CS.** Population Health and Environmental Quality Intersect across the Coastal Plain, Coastal Health Initiative Conference, East Carolina Heart Institute, November 30, 2016
- 2017 **Lea CS,** Shepard K, and LaChapelle K. Emergency Preparedness Planning for Public Health during Hurricane Matthew, Speaker and Panel Moderator. North Carolina Chapter, American Planning Association, Greenville, NC, September 26, 2017
- 2017 **Lea CS,** Peralta-Rocha J, Saunders L. Application of Community Engagement in Cultivating Preparedness in Hispanic Communities, Speaker and Panel Moderator. NC Eastern Regional Preparedness Coordinators meeting, NC-DHHS, Division of Public Health, New Bern, NC, December 7, 2017

- 2019 **Lea CS** and Beasley CM. Impact on Communities and Health/Coordinated Response in Disaster Preparedness, January 11, 2019, 1pm, Eastern AHEC, 2019 Rural Health Symposium, Greenville, NC January 10-11, 2019
- 2019 **Lea CS**. Hurricane Matthew Response and Recovery, Before the Pitt County Board of Commissioners, April 8, 2019.
- 2019 **Lea CS**. Maternal and Infant Health Outcomes, before the North Carolina Medical Society, on behalf of North Carolina Public Health Association's Healthy Babies Initiative, January 23, 2019.
- 2019 **Lea CS**. Healthy Babies Initiative: Improving Health Baby Outcomes. Opening Remarks and updates on HBI. North Carolina Public Health Association, Young Professionals Caucus, Meeting, North Carolina Medical Society, Raleigh, NC, May 15, 2019
- 2020 **Lea CS**. 4<sup>th</sup> Annual Unified Quality Improvement Symposium, Population Health: What Is It and Why Is It Important? Vidant Health and ECU Physicians, February 5, 2020.
- 2021 Rescheduled. Collier D and **Lea CS**. Patients, Practice, and Policy: Climate Health through the Lens of Eastern North Carolina, Conference, Eastern AHEC, Greenville, NC, February 3-4, 2021. February 3, 2:00PM.

#### **REPORTS:**

- 1992 **Lea CS**, Selvin S., & Merrill DW. Quantifying Lifetime Exposure to Ultraviolet Radiation in the Epidemiology of Cutaneous Melanoma: A Pilot Study, Lawrence Berkeley National Laboratory, U.S. Department of Energy. LBL-32745, UC-600
- 2002 **Lea CS**. Arkansas Department of Health Responds to Anthrax-Related Bioterrorism, October 12, 2001-November 30, 2001, submitted to Arkansas Department of Health.
- 2002 **Lea CS**. Determinants Regarding Why Women Do Not Renew for Benefits of WIC Program, 2002, submitted to Arkansas Department of Health.
- 2002 **Lea CS**. Probable Influenza-B Outbreak at a Nursing Home Facility in the Northeast Region of Arkansas, October 2001, submitted to Arkansas Department of Health.
- 2002 **Lea CS**. Anthrax as a Bioterrorism Agent. *Arkansas Pharmacist*.
- 2004 Horvath A, **Lea CS**. An Epidemiologic Summary of Thirteen Years of Communicable Disease in Marin County, California, 1990-2002, submitted to Department of Health and Human Services, Marin County, California.
- 2012 **Lea CS**, May C, Miller E. Cancer Prevention in Eastern North Carolina: Cancer Profile of Eastern North Carolina, Prepared for NC Comprehensive Cancer Program, NC DHHS, April, 2012
- 2014 **Lea CS**, Richardson M, Beasley K. Cancer Prevention in Eastern North Carolina: Cancer Profile of Eastern North Carolina, December, 2015

- 2017 **Lea CS, Beasley CM.** Findings from Regional Hurricane Matthew “Hot Wash”, conducted March 17, 2017, Cumberland County Department of Public Health, Fayetteville, NC
- 2019 **Lea CS, Beasley CM, Cox A.** Findings from Regional Hurricane Florence After Action Review, conducted April 26, 2019, UNC-Pembroke, Pembroke, NC

## **TEACHING:**

### Past

- 1993 Graduate Instructor, Teaching Assistant, 30 MPH students, PH 250, Introduction to Epidemiology, Fall 1993, School of Public Health, University of California, Berkeley
- 1998 Introduction to Community Health, 18 upper division undergraduates. Demography, Epidemiology, and Environmental Health Components of course. Institute for Community and Collaborative Studies, California State University, Monterey Bay, Monterey, CA
- 1999 Introduction to Community Health, 15 upper division undergraduates. Demography, Epidemiology, and Environmental Health Components of course. Institute for Community and Collaborative Studies, California State University, Monterey Bay, Monterey, CA
- 2001 Quantitative Epidemiology, 20 Nursing Master's students, Internet-based (Webct), College of Nursing, UAMS, Little Rock, AR
- 2002 Quantitative Epidemiology, 17 Nursing Master's students, Internet-based (Webct), College of Nursing, UAMS, Little Rock, AR

### At ECU

- 2008-2017 Epidemiology of Cancer, MPH 6023, face to face
- 2008- MPH 6991, Professional Paper 1
- 2008- MPH 6992, Professional Paper 2
- 2008-2014 M2, Medical Microbiology, Case Studies in Outbreak Investigations
- 2009-2014 M1, Clinical Skills, Epidemiology and Biostatistics
- 2009-2020 MPH 6011, Introduction to Epidemiology, spring or fall face to face
- 2013-2018 Lecturer, Infectious Diseases Fellows, Dept of Infectious Diseases, Research Methods
- 2015- MPH 6702, Epidemiologic Methods, Spring 2015, 2016, 2019, 2021 (online 2021+)
- 2015-2018 Coordinator, Lecturer, Neonatology Fellows, Dept of Pediatrics, Research Methods Seminar Series
- 2016- MPH 6011, Introduction to Epidemiology, online
- 2016-2017 MPH 7031, Topics in Public Health, Quality Improvement, online
- 2018 MPH 6017, Global Public Health Systems Study Abroad Experience
- Invited *Ad hoc* lectures are not listed

## **MASTERS THESIS AND DOCTORAL COMMITTEES (DrPH/PhD) MEMBERSHIP**

- 2015-2017 Member, Doctoral Dissertation Committee, Irina Kolobova, PhD, Medical Family Therapy, Department of Human Development and Family Science “Distress and Coping Among Adolescent and Young Adult Oncology Patients and their Caregivers”
- 2018-2019 Member, Thesis Committee, Natalie Cataldo, Master of Science in Environmental Health (MSEH), “Assessment of Insecticide Resistance to Organophosphates and Pyrethroids in *Aedes*”

*aegypti*”, Defense: April 8, 2019. (Diptera: Culicidae, published *J Med Entomol.* 2020;tjaa101. doi:10.1093/jme/tjaa101

2020-present Member, Doctoral (PhD) Dissertation Committee, Faustina Bello-Ogunu, RN, MSN, “The Psychological Impact of COVID-19 on a University Community”, Department of Public Health Sciences, The University of North Carolina at Charlotte.

### MENTORED RESEARCH – MPH Professional Paper Sequence, MPH 6991 and MPH 6992

	Paper Topic	Presented
1.	Survey of Seasonal Influenza Vaccination Rates Among Local Health Department Staff (published)	Oct-08 (NCPHA)
2.	Age-specific Patterns of Infant Death by Select Biological and Social Variables	Jul-09
3.	A Review of HIV Prevention Training for Men Who Have Sex With Men	Dec-09
4.	Norovirus Outbreak in a Long-Term Care Facility: A Retrospective Epidemiological Study	Dec-09
5.	Patient’s Knowledge of Family Cancer History, Perception of Relevance to Future Health Status, and Identification of High-Risk Patient: An Exploratory Study in a Gynecologic Oncology Office-based Setting	May-10
6.	The Prevalence of Non-medical Religious Exemptions in Children Entering Kindergarten in North Carolina from 1999 to 2008, Potential Consequences and Policy Recommendations	May-10
7.	African American Intravenous Drug Using Women and Antiretroviral Therapy Adherence: A Review of Successful Interventions	May-10
8.	Measuring the Intermediate Effectiveness of a Chronic Kidney Disease Clinic in the Bernstein Community Health Center, Greenville, NC	May-10
9.	The Effects of Occupational Hazards among Federal Employees in Eastern North Carolina	Dec-10
10.	Reasons for Tanning Bed Use: A Survey of Community College Students in North Carolina (published)	Dec-10
11.	A Comparison of East Carolina University Undergraduate Students' Perceived and Actual Health Risks for Cardiovascular Disease	May-11
12.	Evaluating Respiratory Health Effects Associated with Living or Working on a Farm in Eastern North Carolina	May-11
13.	Examining Factors That Motivate Individuals to Become and Remain Lay Health Advisors: A Qualitative Inquiry of a Breast Health Lay Health Advisor Program in Eastern North Carolina	May-11
14.	Perceptions of the Risks Associated with Impaired Driving among African American Males Residing in Rural NC	May-11
15.	Blood Pressure Control in Hypertensive Patients at the Bernstein Center in Greenville, North Carolina through the use of an Educational Intervention aimed at Providers	May-11
16.	Colonoscopy Surveillance System Data Analysis at Gastroenterology East and Endoscopy Center	Jul-11
17.	Assessing Barriers to Follow-Up Treatment of Women with Abnormal Pap Results	Jul-11

18.	A Review of the Impact of Sleepiness & Sleep Deprivation on Academic Performance and Behavior among Teens in High School	Apr-12
19.	Abnormal Pap Smear Follow-Up Procedures in Rural Eastern North Carolina	Apr-12
20.	Explaining the Racial Disparity in Lower Extremity Amputation: A Case-Control Study among the Peripheral Arterial Disease Population in Rural, Eastern North Carolina	Apr-12
21.	Cross-Sectional Study Assessing Pediatric and Adult Influenza Cases during the 2009 H1N1 Pandemic Influenza Season at Vidant Medical Center	May-12
22.	Quantitative Assessment of Days to Follow-Up from Abnormal Pap Smears for Rural Women in Eastern North Carolina	May-12
23.	The Relationship between Structures, Process, and Outcome Measurements of Quality in Nursing Homes: A Literature Review	Dec-12
24.	A Survey of Mobile Devices in the Clinical Setting: Does Age of Provider Influence Use of Technology?	Dec-12
25.	A Mixed-Methods Analysis of Tanning Salon Websites to Identify and Describe the Availability of Health Information	Apr-13
26.	Cancer Disparities in New Jersey	May-13
27.	Potential Misclassification of Vital Status in a Local Cancer Registry	May-13
28.	The Epidemiological Investigation of HIV in Seasonal Migrant Farmworkers Located in Lenoir County, NC and their Perception of Home Test Kits (published)	Jul-13
29.	Barriers Preventing Women with Large Tumor, Late Stage Breast Cancer from Seeking Medical Care in Eastern North Carolina	Jul-13
30.	Gender Differences in Pancreatic Survivorship	May-14
31.	The Relationship Between Distance Traveled for Health Services and the Amount of Healthcare Utilization in North Carolina Medicaid Patients	May-14
32.	An Assessment of Cigarette Smokers Outside of Vidant Medical Center, Greenville, North Carolina	May-14
33.	Critique of Interventions to Improve Antibiotic Prescribing for Respiratory Tract Infections	May-14
34.	Critical Assessment of Cancer Studies among Active Duty Military Personnel	May-14
35.	Are Health Disparities Consistent? A Comparison of Racial Health Inequalities in Minorities Observed in Hispanics Within Coastal California and African-Americans Within Coastal North Carolina	May-14
36.	Identifying Barriers to Living Kidney Donation in Eastern North Carolina	Jul-14
37.	Uncertainty & Decision-Making Regarding Dialysis Initiation in African-American Men with Advanced Chronic Kidney Disease	May-15
38.	Yes, the Water is Safe to Drink: A 1989 North Carolina Water Contamination Case Study	Jul-15
39.	Colorectal Cancer Surveillance after Polyp Removal in a Community Based-Practice	Nov-15
40.	Hospital Disposition as a Predictor for Re-admission to a Community Hospital	Dec-15
41.	Households with Table-Top Water Filters & Diarrhea Prevalence	Dec-15
42.	The Analysis of Emergent Dialysis Therapy Among Chronic Kidney Disease Patients in Eastern North Carolina	Dec-15

43.	Lung Cancer Incidence Trends by Gender, Race & Histologic Type in North Carolina, 1990-2012 and SHEER 9 Registries, 1973-2012	May-16
44.	Self-Perceptions of Risk of HIV Infection & Willingness to Utilize Self-Testing Kits Among African American Women in Eastern North Carolina	May-16
45.	Cervical Cancer Screening Among Women 30 Years & Older Attending a Family Medicine Clinic	May-16
46.	Survival Benefit of Surgical Resection with Adjuvant Chemotherapy for High-Grade Gastroenteropancreatic Neuroendocrine Tumors (HG GEP-NET) (Published)	July-16
47.	HIV Risk Among Those Visiting the Emergency Department	Dec-16
48.	Transportation Access to Cancer Centers Across Eastern North Carolina: A Descriptive Study	Apr-16
49.	Obesity and Cancer Incidence & Mortality: A Case-Control Study	Apr-16
50.	An Evaluation of Patient Adherence to Colonoscopy Surveillance within a Veteran cohort: Cooperative Studies Program #380	Apr-17
51.	Access and Barriers to Healthcare among Migrant Seasonal Head Start Eligible Migrant Seasonal Farm Workers: A Comparison	Apr-17
52.	Describing Colorectal Cancer Screening in a Family Medicine Clinic: Examine the EHR	Apr-17
53.	Risk factors for sickle cell nephropathy in adults by genotypes SS, SC, and S $\beta$ <sup>+</sup> , in Eastern North Carolina	Fall-17
54.	Utilization of Low-Dose Computed Tomography Lung Cancer Screening in Eastern North Carolina	Fall-17
55.	Injury-Related Emergency Department Visits After Hurricane Matthew in Eastern North Carolina	Spr-18
56.	Measuring Outcomes of the North Carolina Public Health Association Healthy Babies Initiative	Spr-18
57.	Descriptive Epidemiology Study of Colorectal Cancer Screening Among Commercially Insured in Eastern North Carolina from 2011 through 2015	Spr-18
58.	Long-Term Lifestyle Changes After Screening Colonoscopy and The Impact of Lifestyle Risk Factors on Colorectal Advanced Neoplasia in the CSP #380 Veteran Cohort after 10 Years of Follow-Up	Spr-18
59.	Assessing Resilience Among Vulnerable Populations Impacted by Flooding in Eastern North Carolina (NC Sea Grant/Water Resources Research Institute Diversity Fellowship)	Dec-18
60.	Eligibility for Lung Cancer Screening in a Rural Academic Health Network	May-19
61.	Emotional Burden and Diabetes-Related Distress: Examining the Impact of a Lifestyle Intervention on Diabetes, Distress, and Self-Care Behaviors	May-19
62.	Impact of Disaster Training for Emergency Rescue Personnel During a Natural Disaster	May-19
63.	It's All About Health: An Analysis of Health Habits, Behaviors and Perceptions of Undergraduate Students at Historically Black College and Universities (HBCU)	Jul-19
64.	Descriptive Study of the Cancer Burden in Eastern North Carolina	Dec-19
65.	An Evaluation of Point of Dispensing Exercises Across Organizations	May-20
66.	Examining Religion and its Impact on End of Life Decisions in Terminally Ill Patients in Greenville, North Carolina	May-20
67.	Epidemiological Assessment of Fetal Cardiac Anomalies in Eastern North Carolina	May-20



68. Infection-Related Emergency Department Visits Following Hurricane Matthew in Eastern North Carolina May-20
69. Opioids versus Non-Opioids for Pain Management May-21

**PROFESSIONAL MEMBERSHIPS:**

Society for Epidemiology Research  
American Public Health Association  
North Carolina Public Health Association  
Association for Prevention Teaching and Research  
American College of Epidemiology, Fellow

**COMMUNITY SERVICE:**

- 2002 Group Facilitator, Women's Foundation of Arkansas, Third Annual Girls of Promise Conference
- 2003 Facilitator, Marin Breast Cancer Watch, Workshop on Overview of Epidemiology
- 2005-2008 Public Health Reserve Corp, Orange County (NC) Health Department
- 2005-2008 Stormwater Management Utility Advisory Board, Town of Chapel Hill, NC
- 2006-2016 Trustee, Board of Trustees, Patrick Henry National Memorial Foundation, Brookneal, VA
- 2008-2016 Secretary/Treasurer, Lakewood Pines Neighborhood Association
- 2009-2014 Volunteer Instructor, Little Washington Sailing School, Washington, NC
- 2010-2016 Advisory Board, NC State Employees Credit Union, Hemby Branch, Greenville, NC
- 2012 Speaker, Skin Cancer Prevention, WECU Radio Station, June 2012
- 2013 Convener, Eastern North Carolina Cancer Coalition, Greenville, NC, May 7, 2013
- 2014 Convener, Eastern North Carolina Cancer Coalition, Greenville, NC, May 6, 2014
- 2015 Interview, Cancer in Eastern North Carolina, Dave Jordan, WITN-7 Television, January 27, 2015
- 2017-2018 Development Committee, Little Washington Sailing School, Washington, NC
- 2017-present Advisory Board, Disaster Recovery Partners for Pitt County, Greenville, NC (a Voluntary Organization Active in Disasters (VOAD))
- 2018-present Guardian *Ad Litem* Program, Office of the Courts, Pitt County, North Carolina