

## CURRICULUM VITAE

**Jan Marie Eberth, PhD**  
*formerly Jan Marie McCallum*

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Present Title and Affiliation: Associate Professor  
Department of Epidemiology and Biostatistics  
Arnold School of Public Health  
University of South Carolina

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<http://www.linkedin.com/pub/jan-eberth/15/34b/739>  
[https://www.researchgate.net/profile/Jan\\_Eberth/](https://www.researchgate.net/profile/Jan_Eberth/)  
<https://twitter.com/jmeberth>  
<https://scholar.google.com/citations?user=0ui8jyOWYX8C&hl=en>

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## EDUCATION

Ph.D. University of Texas Health Science Center, School of Public Health  
Epidemiology, May 2011  
Minors: Biostatistics, Health Promotion and Behavioral Sciences  
Dissertation Advisor: Sally W. Vernon

Predocctoral Fellow, Cancer Education and Career Development Program,  
National Cancer Institute (2R25/CA57712), May 2007 – January 2011

M.S.P.H Texas A&M Health Science Center, School of Rural Public Health  
Epidemiology, December 2006  
Thesis Advisor: Antonio A. Rene

B.S. Clemson University – Clemson, SC  
Health Sciences, December 2004

## POSTGRADUATE EDUCATION

University of Texas MD Anderson Cancer Center  
Division of Quantitative Sciences  
Department of Biostatistics – Houston, TX

Mentors: Linda Elting, Md Monir Hossain, Karl Eschbach, Jeffrey Morris

Postdoctoral Fellow, Cancer Prevention Training Program, National Cancer Institute (5R25/CA057730), January 2011 – December 2012

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## ACADEMIC APPOINTMENTS

### *Appointments*

January 2018- Present	Associate Professor of Epidemiology (with tenure) Department of Epidemiology and Biostatistics Arnold School of Public Health University of South Carolina – Columbia, SC  Deputy Director – SC Rural Health Research Center USC Arnold School of Public Health (July 2015-Present)  Core Faculty - SC Cancer Prevention and Control Program USC Arnold School of Public Health (January 2013-Present)
January 2013- December 2017	Assistant Professor of Epidemiology Department of Epidemiology and Biostatistics Arnold School of Public Health University of South Carolina – Columbia, SC
May 2013 - Present	Associate Member, College of Graduate Studies Medical University of South Carolina – Charleston, SC
January 2011 – December 2012	Cancer Prevention Postdoctoral Fellow Health Services Research Section, Department of Biostatistics, Division of Quantitative Sciences, University of Texas MD Anderson Cancer Center – Houston, TX
May 2007 – January 2011	Cancer Prevention and Control Predoctoral Fellow Center for Health Promotion and Prevention Research, School of Public Health, University of Texas Health Science Center – Houston, TX
March 2008 – July 2010	Research Assistant I Department of Family and Community Medicine, Baylor College of Medicine – Houston, TX
January 2007 – April 2007	Staff Analyst Office of Surveillance and Public Health Preparedness,

Houston Department of Health and Human Services – Houston, TX

- January 2007 – Graduate Teaching Assistant  
May 2007 Course: *Introduction to Epidemiology*  
Division of Epidemiology & Disease Control,  
School of Public Health at Houston,  
University of Texas Health Science Center
- September 2006 – Graduate Assistant  
December 2006 Course: *Race, Ethnicity & Health*  
Office of Health Informatics,  
Department of Health and Kinesiology,  
Texas A&M University – College Station, TX
- September 2005 – Graduate Research Assistant  
September 2006 Center for the Study of Health Disparities,  
Department of Health and Kinesiology,  
Texas A&M University – College Station, TX
- November 2003 – Medical Assistant & Research Intern  
December 2004 Joseph F. Sullivan Center,  
Clemson University – Clemson, SC

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## RESEARCH

### *Grants and Contracts*

#### *Current Research Support:*

##### **Access and Utilization of Colonoscopy: A Spatial Perspective**

Source: American Cancer Society Mentored Research Scholar Grant

Period: 1/1/16 – 12/31/19

Role: Principal Investigator

Total Costs: \$579,000

##### **Rural Health Research Grant Program Cooperative Agreement**

Source: Federal Office of Rural Health Policy

Period: 9/1/17-8/31/18

Role: Co-PI (Deputy Director)

Total Costs: \$573,000

##### **Leveraging Mammography to Increase Awareness of Lung Cancer Screening**

Source: American College of Radiology Harvey L. Neiman Health Policy Institute

Period: 1/1/2017-1/12/19

Role: Principal Investigator

Total Costs: \$25,000

**Promoting Healthy Weight in Pregnancy and Postpartum among Overweight/Obese Women (Diversity Supplement for Alycia Boutte)**

Source: National Institute of Child Health & Human Development  
Period: 1/1/2017-12/31/2018  
Role: Co-Investigator  
Total Costs: \$64,822

*Pending*

**Measuring breast cancer treatment quality at COC-accredited facilities in the U.S.**

Source: Greenville Hospital System Care Coordination Institute  
Period: 3/1/2018-2/29/2019  
Role: PI  
Total Costs: \$18,500

*Completed Research Support:*

**Lung Cancer Screening in the Post-NLST Era: Physician Perceptions and Screening Practices**

Source: American Cancer Society Institutional Research Grant  
Period: 3/1/16-12/31/17  
Role: Principal Investigator  
Total Costs: \$29,988

**Rural Health Research Grant Program Cooperative Agreement**

Source: Federal Office of Rural Health Policy  
Period: 9/1/16-8/31/17  
Role: Co-PI (Deputy Director)  
Total Costs: \$214,420

**Advancing Quality Lung Cancer Survivorship in South Carolina**

Source: Bristol Myers Squibb Foundation  
Period: 1/1/17-12/31/19  
Role: Co-Investigator (supported 1/1/17-8/31/17)  
Total Direct Costs: \$750,000

**When Cancer is identified after Trauma: What are the Outcomes?**

Source: Health Sciences South Carolina  
Period: 6/15/14-6/30/17  
Role: Co-I (PI: Nathaniel Bell)  
Total Direct Costs: \$9,995

**Deficiencies and Determinants of Patient Knowledge about Adjuvant Breast Radiation Therapy**

Source: USC Office of the Vice President for Research

Period: 5/16/14-12/31/16  
Role: Principal Investigator  
Total Direct Costs: \$14,899

**Lung Cancer Screening in the Post-NLST Era: Primary Care Nurse Practitioner Perceptions and Screening Practices**

Source: USC College of Nursing Preparatory Research Work Grant  
Period: 6/1/16-6/1/17  
Role: Co-Investigator  
Total Costs: \$10,000

**2014 Adult Tobacco Survey (PI on sub-project: “Development of Smoking Estimates for South Carolina Using Weighted, Multilevel Prediction Models”)**

Source: CDC/SC DHEC Contract  
Period: 9/26/14-10/1/16  
Role: Co-PI (PI on sub-project)  
Total Direct Costs: \$491,126 (sub-project costs: \$93,569)

**Geospatial Investigation of Breast Cancer Treatment**

Source: NCI/NINR (R15)  
Period: 9/2014-8/2016  
Role: Co-Investigator  
Total Costs: \$424,357

**Rural Health Research Grant Program Cooperative Agreement (of sub-project: “Potential Impact of End Stage Renal Disease Payment Reform on Rural Dialysis Patients”)**

Source: Federal Office of Rural Health Policy  
Period: 9/1/15-8/31/16  
Role: Co-Investigator  
Total Direct Costs: \$660,000

**A Dissemination Project to Advance Lung Cancer Screening in South Carolina (Non-Competitive Renewal)**

Source: South Carolina Cancer Alliance  
Period: 7/1/15-6/30/16  
Role: Principal Investigator  
Total Direct Costs: \$10,000

**Rural Health Research Grant Program Cooperative Agreement (PI of sub-project: “Colorectal Cancer Screening Bypass Behaviors and Outcomes”)**

Source: Federal Office of Rural Health Policy  
Period: 9/1/14-8/15/15  
Role: Co-Investigator  
Total Costs: \$765,547

**A Dissemination Project to Advance Lung Cancer Screening in South Carolina**

Source: South Carolina Cancer Alliance  
Period: 7/15/14-6/15/15  
Role: Principal Investigator  
Total Direct Costs: \$43,537

**Organizational Census and Market Analysis of Priority Areas for the Blue Cross and Blue Shield of South Carolina Foundation**

Source: BlueCross BlueShield of South Carolina Foundation  
Period: 7/1/2013-9/31/2014  
Role: Co-Investigator  
Total Direct Costs: \$152,200

**Center for Colon Cancer Research (Pilot Project)**

Source: National Institute of General Medical Sciences (NIGMS/NIH)  
Period: 9/10/13-7/31/14  
Role: Principal Investigator  
Total Costs: \$72,500

**Identifying and Updating Public Health Impacts and Hazard Probabilities for Public Health and Medical Preparedness-Phase IIIA**

Source: Florida Department of Health/CDC  
Period: 10/14/13-6/30/2014  
Role: Co-PI  
Total Costs: \$32,908

**Identifying and Updating Public Health Impacts and Hazard Probabilities for Public Health and Medical Preparedness-Phase IIIB**

Source: Florida Department of Health/CDC  
Period: 10/14/13-6/30/2014  
Role: Co-PI  
Total Costs: \$54,692

**Showing Up for Mammography: A Project to Understand and Improve Adherence to Mobile Mammography Appointments**

Source: Susan G. Komen Lowcountry Affiliate  
Period: 9/1/2013-5/15/2014  
Role: Principal Investigator  
Total Direct Costs: \$9,904

**Geographic Disparities in Mammography Capacity**

Source: NIH Loan Repayment Program, Health Disparities Research  
Period: 7/1/2012-6/30/2014  
Role: Principal Investigator  
Total Amount: \$10,226

**A Small Area Analysis of Mammography Capacity in the Southern United States:  
Recommendations for Strategic Resource Allocation and Policy-making**

Source: MD Anderson Cancer Prevention Research Training Program (R25CA57730)  
Period: January 2011-December 2013  
Role: Postdoctoral Fellow

**HPV Vaccine Coverage in Texas Counties: An Application of Multilevel, Small Area  
Estimation**

Source: University of Texas School of Public Health Cancer Education and Career  
Development Program (R25CA057712)  
Period: May 2007-January 2011  
Role: Predoctoral Fellow

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**PUBLICATIONS**

\* Indicates a student author

+ Indicates that I served as senior author of a student-lead paper or corresponding author

***Original Research Articles (Chronological)***

1. **McCallum JM.**, Arekere D, Green BL, Katz RV, Rivers D. Awareness and knowledge of the US Public Health Service Syphilis Study at Tuskegee: implications for biomedical research. *Journal of Health Care for the Poor and Underserved*. 2006 Nov;17(4):716-33. DOI: 10.1353/hpu.2006.0130.
2. Katz RV, Green BL, Kressin NR, Kegeles SS, Wang MQ, James SA, Russell SL, Claudio C, **McCallum JM.** The legacy of the Tuskegee Syphilis Study: its impact on willingness to participate in biomedical studies. *Journal of Health Care for the Poor and Underserved*. 2008 Nov;19(4):1168-1180. DOI: 10.1353/hpu.0.0067.
3. **Eberth JM**, Vernon SW, White A, Abotchie PN, Coan SP. Accuracy of self-reported reason for colorectal cancer testing. *Cancer Epidemiology, Biomarkers and Prevention*. 2010 Jan;19(1):196-200. DOI:10.1158/1055-9965.EPI-09-0335.
4. **Eberth JM**, Huber JC, Rene A. Breast cancer screening practices and its correlates among American Indian and Alaska Native women in California, 2003. *Women's Health Issues*. 2010 March/April; 20(2):139-145. DOI:10.1016/j.whi.2009.12.004.
5. Vernon SW, Abotchie PN, McQueen A, White A, **Eberth JM**, Coan SP. Is the accuracy of self-reported colorectal cancer screening associated with social desirability? *Cancer Epidemiology, Biomarkers and Prevention*. 2012 Jan; 21(1):61-5. DOI: 10.1158/1055-9965.EPI-11-0552.
6. Rochon D, **Eberth JM**, Fraenkel L, Volk RJ, Whitney SN. Elderly patients' experiences using adaptive conjoint analysis software as a decision aid for osteoarthritis of the knee. *Health Expectations*. 2012 Sep (Published online first). DOI:10.1111/j.1369-7625.2012.00811.X.
7. White A, Vernon SW, **Eberth JM**, Abotchie P, Tiro JA, Greisinger A, Coan SP, Vojvodic R. Correlates of self-reported colorectal cancer screening validity in a multispecialty medical group practice. *Open Journal of Epidemiology*. 2013 Feb; 3:20-24. DOI:10.4236/ojepi.2013.31004.

8. **Eberth JM**, Hossain Md M, Tiro JA, Zhang X, Holt J, Vernon SW. Human papillomavirus vaccine coverage among females aged 11 to 17 in Texas counties: an application of multilevel, small area estimation. *Women's Health Issues*. 2013 Mar; 23(2):e131-141. DOI: 10.1016/j.whi.2012.12.005.
9. **Eberth JM**, Zhang X, Hossain Md M, Tiro JA, Holt JB, Vernon SW. County-level estimates of human papillomavirus vaccine coverage among young adult women in Texas, 2008. *Texas Public Health Journal*. Winter 2013; 65(1):37-40.
10. **Eberth JM**, Prarelkar P\*, Nguyen HT, Sun CC, Irvine-Vidrine J, Elting LS. The human and economic burden of cervical cancer in Texas: epidemiology and the survivorship experience. *Texas Public Health Journal*. Spring 2013; 65(2):51-55.
11. **Eberth JM**, Eschbach K, Morris JS, Hossain Md M, Nguyen HT, Elting LS. Geographic disparities in mammography capacity: a longitudinal assessment of supply and demand. *Health Services Research*. 2014 Feb; 49(1):171-85. DOI: 10.1111/1475-6773.12081.
12. **Eberth JM**, Kline K, Moskowitz D, Montealegre J, Scheurer M. The role of media and the Internet on vaccine adverse event reporting: a case study of human papillomavirus vaccination. *Journal of Adolescent Health*. 2014 Mar;54(3):289-95. DOI: 10.1016/j.jadohealth.2013.09.005.
13. Salloum RG, Nakkash RT, Myers AE, **Eberth JM**, Wood KA. Surveillance of tobacco retail density in Beirut, Lebanon using electronic tablet technology. *Tobacco Induced Diseases*. 2014;12(1):3. DOI: 10.1186/1617-9625-12-3.
14. **Eberth JM**, Xu Y, Smith GL, Jiang J, Buchholz T, Hunt KK, Black DS, Giordano SH, Whitman GH, Yang W, Shen C, Elting LS, Smith BD. Surgeon influence on use of needle biopsy in breast cancer patients: A national Medicare study. *Journal of Clinical Oncology*. 2014;32(21):2206-16. DOI: 10.1200/JCO.2013.52.8257.
15. **Eberth JM**, Qiu R\*, Adams SA, Salloum RG, Bell N, Arrington AK, Linder SK, Munden RF. Lung cancer screening using low-dose CT: the current national landscape. *Lung Cancer*. 2014;85(3): 379-384. DOI: 10.1016/j.lungcan.2014.07.002
16. Wirth M, Brandt HM, Dolinger HD, Hardin JW, **Eberth JM**, Sharpe PA. Examining connections between screening for breast, cervical, or prostate cancer and colorectal cancer screening. *Colorectal Cancer*. 2014;3(3):253-263. DOI: 10.2217/crc.14.18
17. **Eberth JM**, Qiu R\*, Linder SK, Gallant N\*, Munden RF. Adoption of low-dose computed tomography for lung cancer screening: a survey of Society of Thoracic Radiology Members, 2013. *Journal of Thoracic Imaging*. 2014;29(5):289-292. DOI: 10.1097/RTI.0000000000000105.
18. Austin MT, Hguyen H, **Eberth JM**, Chang Y, Heczey A, Hughes DP, Lally KP, Elting LS. Health disparities are important determinants of outcome for children with solid tumor malignancies. *Journal of Pediatric Surgery*. 2015;50(1):161-166. DOI: 10.1016/j.jpedsurg.2014.10.037
19. Adams S, Choi SK\*, Khang L, Campbell D, Friedman D, **Eberth JM**, Glasgow RE, Tucker-Seeley R, Xirasagar S, Yip MP, Young VM, Hébert JR. Decreased cancer mortality-to-incidence ratios with increased accessibility of Federally Qualified Health Centers. *Journal of Community Health*. 2015;40(4):633-41. DOI: 10.1007/s10900-014-9978-8. PMID: PMC4490935.
20. Browder C\*, **Eberth JM**<sup>+</sup>, Schooley B, Gallant NR\*. Mobile mammography: an evaluation of organizational, process, and information systems challenges. *Healthcare: The Journal of Delivery Science and Innovation*. 2015;3(1):49-55. DOI: 10.1016/j.hjdsi.2014.12.001



21. Schootman M, Toor A, Cavazos-Rehg P, Jeffe DB, McQueen A, **Eberth JM**, Davidson NO. The utility of Google Trends data to examine interest in cancer screening. *BMJ Open*. 2015;5:e006678. DOI: 10.1136/bmjopen-2014-006678. PMCID: PMC446617.
22. Khan-Gates J\*, Ersek J\*, **Eberth JM**<sup>+</sup>, Adams SA. Geographic access to mammography and its relationship to breast cancer screening and stage at diagnosis: a review. *Women's Health Issues*. 2015;25(5):482-93. DOI: 10.1016/j.whi.2015.05010.
23. Adams SA, Choi SK\*, **Eberth JM**, Friedman D, Yip MP, Tucker-Seeley R, Wigfall L, Hébert J. Is availability of mammography services at Federally Qualified Health Centers associated with breast cancer mortality-to-incidence ratios? An ecological analysis. *Journal of Women's Health*. 2015; 24(11):916-923. DOI: 10.1089/jwh.2014.5114.
24. Onicescu G\*, Lawson AB, Zhang J, Gebregziabher M, Wallace K and **Eberth JM**. Bayesian accelerated failure time model for space-time dependency in a geographically augmented survival model. *Stat Methods Med Res*. Published online on July 28, 2015. DOI: 10.177/0962280215596186.
25. Choi SK\*, Adams SA, **Eberth JM**, Brandt HM, Friedman DB, Yip MP, Hébert JR. Medicaid coverage expansion and cancer disparities. *American Journal of Public Health*. 2015;105(S5):S706-S712. DOI: 10.2105/AJPH.2015.302876. PMCID: PMC4627517.
26. Pruitt SL, **Eberth JM**, Morris SE, Grinsfelder BD, Guate E. Rural-urban differences in late-stage breast cancer: do associations differ by rural-urban classification system? *Texas Public Health Journal*. 2015;67(2):19-27. PMCID: 4857198.
27. Alhasan D\*, **Eberth JM**<sup>+</sup>. An ecological analysis of food outlet density and prevalence of type II diabetes in South Carolina counties. *BMC Public Health*. 2016;16(1):10. DOI: 10.1186/s12889-015-2681-6.
28. Samson ME\*, Porter NG\*, Hurley DM, Adams SA, **Eberth JM**<sup>+</sup>. Disparities in breast cancer among African Americans and European-American women in South Carolina. *Southern Medical Journal*. 2016;109(1):24-30. DOI: 10.14423/SMJ.0000000000000396.
29. Qiu RA\*, Copeland A, Porter N\*, McDonnell K, **Eberth JM**<sup>+</sup>. Planning and implementation of low-dose CT lung cancer screening in the United States. *Clinical Journal of Oncology Nursing*. 2016;20(1):52-58. DOI: 10.1188/16.CJON.52-58.
30. Porter NR\*, **Eberth JM**<sup>+</sup>, Samson ME\*, Garcia-Dominic O, Lengerich E, Schootman M. Diabetes status and being up-to-date on colorectal cancer screening, 2012 Behavioral Risk Factor Surveillance System. *Preventing Chronic Disease*. 2016;13:150391. DOI: 10.5888/pcd13.150391
31. Ersek J\*, McDonnell KK, Strayer S, Sercy E, Cartmell K, Friedman D, **Eberth JM**<sup>+</sup>. Knowledge, attitudes and use of low-dose computed tomography for lung cancer screening among family practice physicians. *Cancer*. 2016;12:E108. DOI: 10.5888/pcd12.150112.
32. Babatunde OA\*, Adams SA, **Eberth JM**, Wirth MD, Hebert JR. Racial disparities in endometrial cancer mortality-to-incidence ratios among blacks and whites in South Carolina. *Cancer Causes & Control*. 2016;27(4):503-11. DOI: 10.1007/s10552-0160724-7.
33. Lin YH\*, **Eberth JM**<sup>+</sup>, Probst JC. Ambulatory care sensitive conditions hospitalizations in Medicare beneficiaries. *American Journal of Preventive Medicine*. 2016; 51(4): 493-501. DOI: 10.1016/j.amepre.2016.05.005.
34. Austin M, Hamilton E, Zebda D, Nguyen HT, **Eberth JM**, Chang Y, Elting LS, Sandberg D. Health disparities impact outcomes in children with solid tumor malignancies. *Journal of Neurosurgery: Pediatrics*. 2016;18(5):585-593. DOI: 10.3171/2016.5.PEDS15704.

35. Hamilton E, Nguyen HT, Chang YC, **Eberth JM**, Cormier J, Elting LS, Austin MT. Health disparities influence childhood melanoma stage at diagnosis and outcome. *Journal of Pediatrics*. 2016;175:182-7. DOI: 10.1016/j.jpeds.2016.04.068.
36. Featherstone P\*, **Eberth JM**, Nitcheva D, Liu J. Geographic accessibility to health services and neonatal mortality among very-low birthweight infants in South Carolina. *Maternal and Child Health Journal*. 2016;20(11):2382-2391. DOI: 10.1007/s10995-016-2065-2.
37. Lin YU\*, McLain A, Probst JC, Bennett KJ, Qureshi Z, **Eberth JM**<sup>†</sup>. Health-related quality of life among older adults in the United States: a multilevel small area estimation approach. *Annals of Epidemiology*. 2017;27(1):52-58. DOI: 10.1016/j.annepidem.2016.09.016.
38. Bullard JT\*, **Eberth JM**, Arrington AK, Adams SA, Cheng X, Salloum RG. Timeliness of treatment initiation and associated survival following diagnosis among non-small cell lung cancer patients in South Carolina. *Southern Medical Journal*. 2017;110(2):107-113. DOI: 10.14423/SMJ.0000000000000601.
39. Onicescu G\*, Lawson AB, Zhang J, Gebregziabher M, Wallace K, **Eberth JM**. Spatially-explicit survival modeling for small area cancer data. *Journal of Applied Statistics*. Published online February 11, 2017. DOI:10.1080/02664763.2017.1288200.
40. Flocke S, Hoffman R, **Eberth JM**, Park H, Genevieve B, Trapl E, Zeliadat S. The burden of tobacco use at federally qualified health centers. *Preventing Chronic Disease*. 2017;14:160510. DOI: 10.5888/pcd14.160510.
41. Schootman M, Hendren S, Loux T, Ratnapradipa K\*, **Eberth JM**, Davidson N. Differences in effectiveness and use of robotic surgery in patients undergoing minimally invasive colectomy. *Journal of Gastrointestinal Surgery*. 2017;21(8):1296-1303. DOI: 10.1007/s11605-017-3460-8.
42. Babatunde OA\*, Adams SA, Wirth MD, **Eberth JM**, Sofge J, Choi SK, Harmon BE, Davis L, Drayton R, Hurley TG, Brandt HM, Armstead CA, Hébert JR. Predictors of retention among African Americans in a randomized controlled trial to test the Healthy Eating and Active Living in the Spirit (HEALS) intervention. *Ethnicity and Disease*. 2017; 27(3):265-72. DOI: 10.1885/ed.27.3.265.
43. Ratnapradipa KL\*, Lian M, Jeffe DB, Davidson NO, **Eberth JM**, Pruitt SL, Schootman M. Patient, hospital, and geographic disparities in laparoscopic surgery use among SEER-Medicare colon cancer patients. *Diseases of the Colon and Rectum*. 2017;60(9):905-913. DOI:10.1097/DCR.0000000000000874.
44. Swartz A, **Eberth JM**, Josey MJ\*, Strayer S. Re-analysis of all-cause mortality in the US Preventive Services Task Force 2016 Evidence Report for colorectal cancer screening. *Annals of Internal Medicine*. Epub ahead of print on August 22, 2017. DOI:10.7326/M17-0859
45. Crouch E, Probst JC, Bennett K, **Eberth JM**. Gender and geographic differences in Medicare service utilization during the last six months of life. *Journal of Women & Aging*. Epub ahead of print on November 7, 2017. DOI: 10.1080/08952841.2018.1398897.
46. Sutton J, Vos SC, Olson MK, Woods C, Cohen E, Gibson CB, Phillips N, Studts JL, **Eberth JM**<sup>†</sup>, Butts CT. Lung cancer messages on Twitter: content analysis and evaluation. *Journal of the American College of Radiology*. Epub ahead of print on November 15, 2017. DOI: 10.1016/j.jacr.2017.09.043
47. **Eberth JM**, Josey MJ\*, Mobley LR, Davidson NO, Jeffe DB, Odahowski C\*, Probst JC, Schootman M. Who performs colonoscopy? Workforce trends over space and time. *Journal of Rural Health*. Epub ahead of print on November 16, 2017. DOI: 10.1111/jrh.12286.

48. Zeliadt S, Hoffman RM, Birkby G, **Eberth JM**, Tytell-Brenner A, Reuland DS, Flock SA. Implementing lung cancer screening in federally qualified health centers: concerns about resources and quality. *In Press at American Journal of Preventive Medicine*.
49. **Eberth JM**, Thibault A, Caldwell R, Josey MJ\*, Qiang B, Pena E, LaFrance D, Berger FG. A statewide program providing colorectal cancer screening to the uninsured in South Carolina. *In Press at Cancer*.
50. McDonnell KK, Strayer SM, Sercy E, Campbell C, Friedman DB, Cartmell KB, **Eberth JM**. Developing and Testing a Brief Clinic-Based Lung Cancer Screening Decision Aid for Primary Care Settings. *In Press at Health Expectations*.

***Editorially-Reviewed/Invited Commentaries, Letters and Editorials***

1. **Eberth JM**, Sercy ES. Implementation of lung cancer screening in the U.S.: an update from Society of Thoracic Radiology members. *Journal of Thoracic Imaging*. 2015;30(6):W60-2. DOI: 10.1097/RTI.0000000000000172.
2. **Eberth JM**. Lung cancer screening with low-dose CT in the United States. *Journal of the American College of Radiology*. 2015 Dec; 12(12B):1395-1402. DOI: 10.1016/j.jacr.2015.09.2016.
3. Adams SA, Choi SK\*, **Eberth JM**, Brandt HM, Friedman DB, Hébert JR. Adams et al. respond. *American Journal of Public Health*. 2016;106(6):e8-9. DOI: 10.2105/AJPH.2016.303231.
4. Kirby R, Delmelle E, **Eberth JM**. Advances in spatial epidemiology and geographic information systems. *Annals of Epidemiology*. 2017;27(1):1-9. DOI: 10.1016/j.annepidem.2016.12.001.

***Published Reports/White Papers***

1. Breast Cancer Statistics: The State of Breast Cancer in South Carolina. 2014. South Carolina Cancer Alliance. Available at: [http://www.sccancer.org/media/1154/final-report\\_62816.pdf](http://www.sccancer.org/media/1154/final-report_62816.pdf)
2. Colonoscopy Access and Utilization – Rural Disparities in the Carolinas, 2001-2010. 2016. South Carolina Rural Health Research Center. Available at: [http://rhr.sph.sc.edu/report/\(14-5\)Colonoscopy\\_study\\_brief.pdf](http://rhr.sph.sc.edu/report/(14-5)Colonoscopy_study_brief.pdf)

***Published Abstracts***

1. Katz RV, Green BL, Kressin NR, Kegeles SS, Wang MQ, James SA, Russell SL, Claudio C, **McCallum JM**. The legacy of the Tuskegee Syphilis Study: its impact on willingness to participate in biomedical studies. *Annals of Epidemiology*. 2007 September;17(9):744.
2. **Eberth JM**, Vernon SW, White AL, Abotchie SP, Coan SP. Accuracy of self-reported reason for colorectal cancer testing. *Annals of Epidemiology*. 2009 September;19(9):653.
3. **Eberth JM**, Hossain Md M, Vernon SW, Tiro JA. A demonstration of multilevel, small area modeling: estimating HPV vaccine coverage in Texas counties. *Annals of Epidemiology*. 2010 September;20(9):718.
4. **Eberth JM**, Elting LS, Eschbach K, Morris JS, Mossain Md M, Hguyen HT. Access to mammography in the south: a spatial perspective. *Annals of Epidemiology*. 2012 September;22(9):662.
5. **Eberth JM**, Hibbert J. Availability of Vaccines for Children providers in Texas: a county-level analysis. *Annals of Epidemiology*. 2013 September;23(9):590.

6. Austin M, Nguyen H, **Eberth JM**, Hughes D, Heczey A, Cormier J, Elting L. Health disparities impact stage at diagnosis and outcome in children and adolescents with melanoma. *Pediatric Blood & Cancer*. 2014;61:S34.
7. **Eberth JM**, Xu Y, Smith GL, Jiang J, Buchholz T, Hunt KK, Black DS, Giordano SH, Whitman GH, Yang W, Shen C, Elting LS, Smith BD. Quality of breast cancer care in the US: a national analysis of Medicare beneficiaries, 2003-2007. *Annals of Epidemiology*. 2014 September;24(9):683.
8. Khan SS\*, **Eberth JM**<sup>†</sup>, Emrich CT. Social vulnerability and its relationship with health outcomes in South Carolina. *Annals of Epidemiology*. 2015 September;25(9): 710.
9. Ersek J\*, Adams SA, **Eberth JM**<sup>†</sup>. Travel distance to nearest hospital: a geographic analysis of colorectal, lung, and melanoma cancer cases. *Annals of Epidemiology*. 2015 September;25(9):703.
10. Caldwell R, **Eberth JM**, Thibault A, Seabrook M, Berger F. A high-quality colonoscopy screening program for the uninsured and medically underserved in South Carolina. *American Journal of Gastroenterology*. 2015;110(1S):S625.
11. Odahowski CL, Sercy E, **Eberth JM**. Health seeking behaviors of current and former smokers: 2015 National Health Interview Survey results. 2017;27(8):536.

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## CONFERENCES AND SYMPOSIA

\* Indicates student presenter

### Conference Presentations (Chronological)

1. Rowell K, McWhinney S, Rivers B, Green BL, **McCallum JM**. Childhood obesity in rural areas: An assessment of children's nutritional knowledge, attitudes, and behaviors. The National Leadership Summit on Eliminating Racial and Ethnic Disparities Health. Washington, D.C. 2006 Jan.
2. **McCallum JM**, Green BL, Arekere D, Rivers D, Kressin NR, Kegeles SS, Wang MQ, Katz RV. Perceptions of the US Public Health Service Syphilis Study at Tuskegee: implications for community-based research with minorities. 27<sup>th</sup> Annual Minority Health Conference. Chapel Hill, NC. 2006 Feb. [Poster]
3. Rivers B, Green BL, Sharf B, Buhi L, Street R, Rivers D, Rowell K, Watkins, D, Roberts-Perez S, Robledo M, Sarabia M, Delissaint D, Louis R, Arekere D, **McCallum JM**, & Anderson JL. Assessing health literacy needs in English and Spanish speaking patients with diabetes. SOPHE Mid-Year Conference. Las Vegas, NV. 2006 May.
4. Arekere DM, Green BL, Blakely CH, Rivers B, **McCallum JM**. and Delissaint, D. Explorations in global health disparities: income, education, and good governance. 5th International Conference on Health Economics, Management and Policy. Athens, Greece. 2006 June. [Oral]
5. **McCallum JM**, Arekere D, Green BL, Rivers B, Rivers D. Comorbidities among American Indians and Alaska Natives: results from the 2003 California Health Interview Survey. Reducing Health Disparities in American Indians and Alaska Natives by Preventing Diabetes throughout the Life Cycle. Oklahoma City, OK. 2006 Aug. [Poster]
6. Arekere D, Green, L, Blakely, CH, Rivers B, **McCallum JM**, Delissaint D. Cross-country comparisons of institutional indicators and health indicators. American Public Health Association Annual Meeting. Boston, MA. 2006 Nov. [Poster]

7. **McCallum, JM**, Arekere, D, Green, BL, Katz, RV, Rivers, B. Perceptions of the US Public Health Service Syphilis Study at Tuskegee and willingness to participation in biomedical research: A review of the literature. American Public Health Association Annual Meeting. Boston, MA. 2006 Nov. [Poster]
8. **McCallum JM**, Rene A, Huber Jr. JC, Green BL. An epidemiological analysis of breast cancer screening among American Indian and Alaska Native women: results from the 2003 California Health Interview Survey. American Society of Preventive Oncology Annual Meeting. Houston, TX. 2007 Mar. [Poster]
9. Katz RV, Green BL, Kressin NR, Kegeles SS, Wang MQ, James SA, Russell SL, Claudio C, **McCallum JM**. The legacy of the Tuskegee Syphilis Study: its impact on willingness to participate in biomedical studies. American College of Epidemiology Annual Meeting. Fort Lauderdale, FL. 2007 Sep. [Poster]
10. Katz RV, Kegeles SS, Kressin NR, Green BL, Wang MQ, James SA, Russell SL, Claudio C, **McCallum JM**. Impact of the ‘legacy’ of the Tuskegee Syphilis Study on minority participation in biomedical research: summary of findings from the Tuskegee Legacy Project. National Center for Minorities and Health Disparities NIH Summit Conference: The Science of Eliminating Health Disparities. National Harbor, MD. 2008 Dec. [Poster]
11. **Eberth JM**, Vernon SW, White AL, Abotchie PN, Coan SP. Accuracy of self-reported reason for colorectal cancer testing. American College of Epidemiology Annual Meeting. Silver Springs, MD. 2009 Sep. [Poster]
12. **Eberth JM**, Scheurer M, Davlin SL, Rochon DL, Kline KN, Jibaja-Weiss ML. HPV vaccination: an analysis of VAERS adverse event reports. American Public Health Association Meeting. Philadelphia, PA. 2009 Nov. [Poster]
13. **Eberth JM**, X Zhang, J Holt, JA Tiro, SW Vernon, Hossain Md M. A demonstration of multilevel, small area modeling: estimating HPV vaccine coverage in Texas counties. American College of Epidemiology Meeting. San Francisco, CA. 2010 Sep. [Poster]
14. Elting LS, **Eberth JM**, Chang Y, Nguyen H. Is mammography screening capacity in Texas sufficient to achieve cancer control goals? Cancer Prevention Research Institute of Texas Conference. Austin, TX. 2010 Nov. [Poster]
15. **Eberth JM**, Zhang X, Hossain Md M, Tiro JA, Holt JB, Vernon SW. Model-based small area estimation of Human papillomavirus (HPV) vaccine coverage among young adult women in Texas. American Public Health Association Meeting. Washington D.C. 2011 Oct. [Oral]
16. **Eberth JM**, Zhang X, Hossain Md M, Tiro JA, Holt JB, Vernon SW. Human papillomavirus (HPV) vaccine coverage among females aged 18-26 in Texas: a county-level analysis. Cancer Prevention Research Institute of Texas Annual Conference. Austin, TX. 2011 Nov. [Poster]
17. **Eberth JM**, Elting LS, Eschbach K, Morris J, Hossain Md M, Hguyen HT. Access to mammography in the South: a spatial perspective. American College of Epidemiology Annual Meeting. Chicago, IL. 2012 Sep. [Poster]
18. **Eberth JM**, Prarelkar P\*, Nguyen HT, Sun C, Vidrine J, Elting LS. Health burdens and behaviors of cervical cancer survivors in Texas: an analysis of BRFSS, cancer registry and Medicare claims data. BRFSS Conference. Atlanta, GA. 2013 March. [Oral]
19. Kline KN, **Eberth JM**, Montealegre JR, Moskowitz D, Scheurer ME. The agenda-setting influence of news media and internet activity on increased reporting of HPV4-associated

- vaccine adverse events. D.C. Health Communication Conference at George Mason University. 2013 Mar. [Oral]
20. **Eberth JM**, Austin M, Nguyen HT, Chang Y, Hughes DP, Elting LS. Access to pediatric cancer treatment centers in Texas. North American Association of Central Cancer Registries Annual Conference. 2013 June. [Oral]
  21. **Eberth JM**, Eschbach K, Morris J, Nguyen HT, Hossain Md M, Elting S. Decreasing mammography capacity in the southern United States, 2002-2008. ESRI International User Conference. 2013 Jul. [Oral]
  22. **Eberth JM**, Hibbert J. Availability of Vaccines for Children providers in Texas: a county-level analysis. American College of Epidemiology Meeting. Louisville, KY. 2013 Sep. [Poster]
  23. Moskowitz DA, **Eberth JM**, Kline KN. The agenda-setting influence of news media and internet activity on increased reporting of HPV4-associated vaccine adverse events. American Political Science Association Annual Conference. Chicago, IL. 2013 Sep. [Poster]
  24. Wirth M, Brandt HM, Dolinger H, Hardin JW, Sharpe PA, **Eberth JM**. Examining connections between screening for breast, cervical, and prostate cancer and colorectal cancer screening. American Association for Cancer Research, The Science of Health Disparities. 2013 Dec. Atlanta, GA. [Poster]
  25. **Eberth JM**, Xu Y, Smith GL, Jiang J, Buchholz T, Hunt KK, Black DS, Giordano SH, Whitman GH, Yang W, Shen C, Elting LS, Smith B. Surgeon influence on use of needle biopsy in breast cancer patients: A national Medicare study. 7<sup>th</sup> Annual James E. Clyburn Health Disparities Lecture. 2014 Apr. [Poster]
  26. Austin MT, Nguyen H, Sandbert DI, **Eberth JM**, Heczey AA, Hughes DP, Elting LS. Health disparities impact outcomes in children with CNS malignancies. American Association of Neurological Surgeons Meeting. San Francisco, CA. 2014 Apr. [Oral]
  27. Qiu R\*, **Eberth JM**. Adoption of Low-Dose Computed Tomography Lung Cancer Screening: A Mixed-Methods Study. Discovery Day at the University of South Carolina. 2014 Apr. [Poster]
  28. Austin MT, Nguyen H, **Eberth JM**, Heczey A, Hughes DP, Lally KP, Elting LS. Health disparities impact outcome in children with cancer. American Pediatric Surgery Association. 2014 May. [Poster]
  29. Austin MT, Nguyen H, **Eberth JM**, Hughes DP, Heczey AA, Cormier J, Elting LS. Health disparities impact stage at diagnosis and outcome in children and adolescents with melanoma. American Society of Pediatric Hematology and Oncology. Chicago, IL. 2014 May. [Poster]
  30. Austin MT, Hguyen H, **Eberth JM**, Heczey A, Hughes DP, Franklin A, Elting LS. The impact of social inequality on survival for children and adolescents with leukemia. AcademyHealth. 2014 June. [Poster]
  31. Salloum R, Cheng X, Adams S, **Eberth JM**, Arrington A, Bell N, Lafata JE. Use of preventive services among cancer survivors in the Medicare program. AcademyHealth. 2014 June. [Poster]
  32. Adams SA, Arrington AK, Bell N, **Eberth JM**, Salloum RG, Heiney SP. A comparison of breast cancer treatment received between participants and non-participants of the National Breast and Cervical Cancer Early Detection Program in South Carolina. 7<sup>th</sup> Biennial Cancer Survivorship Research Conference. [Poster]

33. Legrone J\*, **Eberth JM**. SC Health Atlas. Discovery Day at the University of South Carolina. 2014 Apr. [Oral]
34. **Eberth JM**, Xu Y, Smith GL, Jiang J, Buchholz T, Hunt KK, Black DS, Giordano SH, Whitman GH, Yang W, Shen C, Elting LS, Smith B. Quality of breast cancer care in the U.S.: a national analysis of Medicare beneficiaries, 2003-2007. American College of Epidemiology Annual Meeting. Silver Spring, MD. 2014 Sep. [Poster]
35. Walter M\*, Samson M\*, **Eberth JM**, Adams SA. A descriptive analysis of the state of breast cancer in South Carolina. USC Summer Undergraduate Research Symposium. 2014 Jul. [Poster]
36. **Eberth JM**, Qiu R\*, Copeland A, Porter NG, McDonnell KK. Planning and implementation of low-dose CT lung cancer screening programs in the U.S.: a mixed-methods study. American Society of Preventive Oncology Meeting. Birmingham, AL. 2015 Mar. [Poster]
37. **Eberth JM**, Thibault A, Caldwell R, Brandt HM, Berger FG. Screening the uninsured in South Carolina: building and sustaining linkages to care using patient navigation. Dialogue for Action. Washington, D.C. 2015 Apr. [Poster]
38. Tushar T\*, **Eberth JM**, Boyde B, Probst JC. Colonoscopy access and utilization – urban-rural disparities in South Carolina, 2000-2010. American Public Health Association Meeting. 2015 Nov. [Poster]
39. Babatunde OA\*, Adams SA, Hébert JR, **Eberth JM**. Racial disparities in uterine cancer epidemiology and mortality-to-incidence ratios in South Carolina. James Clyburn Health Disparities Lecture. 2015 Apr. [Poster]
40. **Eberth JM**, McDonnell KK, Cartmell K, Friedman DB, Sercy E, Strayer S. Family physicians' perceptions of low-dose CT screening for lung cancer. North American Primary Care Research Group. 2015 Oct. [Poster]
41. Odom J\*, **Eberth JM**, McDonnell KK, Cartmell K, Friedman DB, Sercy E, Strayer S. Perceptions of lung cancer screening and Medicare coverage. North American Primary Care Research Group. 2015 Oct. [Poster]
42. Boyde B\*, **Eberth JM**. Measuring spatial accessibility to colonoscopy for colorectal cancer screening in SC using novel GIS approaches. Discovery Day at the University of South Carolina. 2015 Apr. [Poster]
43. Odom J\*, **Eberth JM**, McDonnell KK, Strayer S. Attitudes and knowledge of low-dose CT lung cancer screening in Medicare beneficiaries. Discovery Day at the University of South Carolina. 2015 Apr. [Poster]
44. Onicescu G\*, Lawson AB, Zhang J, Gebregziabher M, Wallace K, **Eberth JM**. Spatially-explicit survival modeling for small area cancer data. Joint Statistical Meeting. Seattle, WA. 2015 May. [Oral]
45. Ersek J\*, **Eberth JM**, Adams SA. Travel distance to nearest hospital: A geographic analysis of colorectal, lung, and melanoma cases. American College of Epidemiology Annual Meeting. Decatur, GA. 2015 Sep. [Poster]
46. Lin Y\*, **Eberth JM**, Probst JC. The association between primary care density and ambulatory care sensitive conditions hospitalizations for Medicare beneficiaries. National Conference on Health Statistics Meeting. Bethesda, MD. 2015 Aug. [Oral, Student Showcase Winner]
47. Khan SS\*, **Eberth JM**, Emrich C. Social vulnerability and its relationship with health outcomes in South Carolina. American College of Epidemiology Annual Meeting. Decatur, GA. 2015 Sep. [Poster]

48. Aljabri D\*, **Eberth JM**. Obesity and physical inactivity in South Carolina: role of healthcare supply and the built environment. National Conference on Health Statistics. Bethesda, MD. 2015 Aug. [Poster]
49. Caldwell R, **Eberth, JM**, Thibault A, Seabrook M, Berger FG. High incidence rate of polyp detection and compliance in CRC collaborative effort colonoscopy screening program for the uninsured and medically underserved in SC. American College of Gastroenterology Annual Meeting. Honolulu, HI. 2015 Oct. [Poster]
50. Lee AS\*, **Eberth JM**, Berger FG, Steck SE. Comparison of participant characteristics by polyp status and location in the South Carolina Colon Cancer Screening Registry. Center for Colon Cancer Research Summer Research Symposium. Columbia, SC. 2015 July. [Poster]
51. Breneman C\*, Wang X, Heidari K, **Eberth JM**. Neighborhood-level determinants of emergency department utilization among patients with diabetes in South Carolina, 2013. 21<sup>st</sup> Diabetes Fall Symposium. North Charleston, SC. 2015 September. [Poster]
52. McDonnell KK, **Eberth JM**, Strayer S, Friedman DB, Cartmell KB, Sercy E. Testing a brief, clinically-based lung cancer screening decision aid. Society for Behavioral Medicine Annual Meeting. Washington, DC. 2016 April. [Poster]
53. Ersek JL\*, **Eberth JM**, Patronik K, Kim ES. Low-dose CT lung cancer screening: perceptions of primary care providers in a community-based health system. Congress of the Americas. Miami, FL. 2016 June. [Poster]
54. Josey M\*, **Eberth JM**. Changing trends in practice settings for colonoscopy in SC: implications for colorectal cancer prevention. American Society of Preventive Oncology. Columbus, OH. 2016 March. [Poster]
55. Thibault A, Caldwell R, Brandt HM, **Eberth JM**, Pena EA, Brittingham J, Seabrook M, Berger FG. High participation of African Americans in colorectal cancer screening, and quality colonoscopy outcomes using a blended patient navigation approach (telephone/in-person) managed through a web-based data management system. Dialogue for Action Annual Meeting. Baltimore, MD. 2016 Apr. [Poster; top-ranked abstract]
56. Babatunde OA\*, Adams SA, Wirth MD, **Eberth JM**, Sofge J\*, Harmon B, Davis L, Drayton R, Hurley T, Brandt HM, Hebert J. Predictors of participants' retention among African Americans in the Healthy Eating and Living in The Spirit (HEALS) trial. American Association of Cancer Research Annual Meeting. 2016 April. [Poster]
57. Alhasan D\*, **Eberth JM**. An ecological analysis of food outlet density and prevalence of type II diabetes in South Carolina counties. Columbia, SC. James E. Clyburn Health Disparities Lecture. 2016 April. [Poster]
58. Powell S\*, **Eberth JM**, Knight J, Odahowski C\*. Examination of USC Tobacco-Free Policy Using Collector for ArcGIS. James E. Clyburn Health Disparities Lecture. Columbia, SSC. 2016 April. [Poster]
59. Khan SS\*, **Eberth JM**, Emrich C. Social vulnerability and its relationship with health outcomes in South Carolina. James E. Clyburn Health Disparities Lecture. Columbia, SC. 2016 April. [Poster]
60. Odahowski C\*, **Eberth JM**. Differences in Medicare spending between urban and rural counties in the United States. National Rural Health Association Annual Meeting. Minneapolis, MN. 2016 May. [Poster]
61. **Eberth JM**, McLain AC, Yuan H\*, Sercy E, Diedhiou A, Kilpatrick DJ. An innovative small area estimation approach for estimating county-level tobacco use and exposure. Conference



- on Geospatial Approaches to Cancer Control and Population Sciences. Bethesda, MD. 2016 September. [Oral]
62. Odahowski CL\*, Hébert JH, **Eberth JM**. Evaluating regional variation in lung and bronchus cancer survival in the US using mortality-to-incidence ratios. Conference on Geospatial Approaches to Cancer Control and Population Sciences. Bethesda, MD. 2016 September. [Oral]
  63. Ratnapradipa KL\*, Lian M, Jeffe DB, Davidson NO, **Eberth JM**, Pruitt SL, Schootman M. Patient, hospital, and geographic variability in laparoscopic surgery use among SEER-Medicare colon cancer patients. Conference on Geospatial Approaches to Cancer Control and Population Sciences. Bethesda, MD. 2016 September. [Oral]
  64. Dai D, **Eberth JM**. Shortage designation: screening mammography shortage areas in the United States. Conference on Geospatial Approaches to Cancer Control and Population Sciences. Bethesda, MD. 2016 September. [Oral]
  65. Dievendorf A, McDonnell KK, **Eberth JM**, Strayer S, Sercy E. Primary care nurse practitioners knowledge, attitudes and practices regarding lung cancer screening. AHEC 13<sup>th</sup> Annual Research Symposium. Greenville, SC. 2016 September. [Poster]
  66. McDonnell KK, **Eberth JM**, Strayer S, Sercy E. Promoting shared-decision making: testing the feasibility of a brief, clinically-based lung cancer screening decision aid. AHEC 13<sup>th</sup> Annual Research Symposium. Greenville, SC. 2016 September. [Poster].
  67. Lin YH\*, Probst JC, **Eberth JM**, Bennett K, Qureshi Z. County-Level Area Deprivation and Health-Related Quality of Life among Older Adults in the United States: A Multilevel, Post-Stratification Approach. American Public Health Association Annual Meeting. Denver, CO. 2016 Oct. [Oral, roundtable]
  68. Bullard J\*, Salloum R, **Eberth JM**, Arrington A, Cheng S, Adams SA. Timeliness of treatment initiation and associated survival following diagnosis of non-small cell lung cancer in SC. American Public Health Association Annual Meeting. Denver, CO. 2016 Oct. [Oral]
  69. Onyeuku C\*, Adams S, Hébert JR, **Eberth JM**, Zhang J, Barr-Anderson DJ. Physical Activity and Breast Cancer in South Carolina: A Case-Control Analysis. American Public Health Association Annual Meeting. Denver, CO. 2016 Oct. [Poster]
  70. Odahowski CL\*, Hébert J, Eberth JM. Evaluating regional variation in lung and bronchus cancer survival in the US using mortality-to-incidence ratios. Annual GIS Day, Centers for Disease Control and Prevention. Atlanta, GA. 2016 Nov. [Oral]
  71. Schootman M, Hendren S, Ratnapradipa K\*, **Eberth JM**, Davidson NO. Differences in effectiveness of robotic surgery outcomes in obese versus non-obese colectomy patients. 8<sup>th</sup> European Multidisciplinary Colorectal Cancer Congress. Amsterdam. 2016 December. [Poster]
  72. **Eberth JM**, Josey M\*, Mobley LR, Davidson N, Jeffe D, Odahowski C\*, Probst JC, Schootman M. Geographic disparities and temporal trends in the colonoscopy workforce. 1<sup>st</sup> Annual Cancer Health Disparities Symposium. Charleston, SC. 2017 Mar. [Oral]
  73. Flocke SA, Birkby G, **Eberth JM**, Hoffman R, Brenner AT, Reuland DS, Gullett H, Zeliadt SB. Addressing tobacco cessation at federally qualified health centers (FQHCs): current practices and resources. American Society of Preventive Oncology. Seattle, WA. 2017 Mar. [Poster]
  74. Josey MJ\*, Odahowski C\*, Sercy E, Schootman M, Mobley L, Probst J, Strayer S, **Eberth JM**. Exploring the predictive ability of physician density measures of endoscopy. 1<sup>st</sup> Annual Cancer Health Disparities Conference. Charleston, SC. 2017 Mar. [Poster]

75. Odahowski C\*, **Eberth JM**. Lung cancer screening utilization in the United States: 2015 National Health Interview Survey Results. 1<sup>st</sup> Annual Cancer Health Disparities Conference. Charleston, SC. 2017 Mar. [Oral]
76. McLain AC, **Eberth JM**, Yuan H\*, Sercy E, Diedhiou A, Kilpatrick DJ. Using spatial mixed models for small area estimation: an application using 2014-2015 SC Adult Tobacco Survey Data. National Conference on Tobacco and Health. Austin, TX. 2017 Mar. [Poster]
77. Waddell LF, Walker Romero E, Smith A, Berry J, Adams SA, **Eberth JM**. GIS mapping to address disparities in breast cancer mortality. 10<sup>th</sup> Anniversary Health Disparities Conference. New Orleans, LA. 2017 Mar. [Poster & Oral]
78. Oluwole OA\*, Adams SA, **Eberth JM**, Felder T, Moran R, Sercy E, Hebert J. Racial disparities in receipt of adjuvant hormonal therapy among patients diagnosed with breast cancer in South Carolina. American Association of Cancer Research Annual Conference. 2017 April. [Poster]
79. Waddell LF, Walker Romero E, Smith A, Berry J, Adams SA, **Eberth JM**. GIS mapping to address disparities in breast cancer mortality. National Network of Public Health Institutes Conference. New Orleans, LA. 2017 May. [Poster]
80. Zeliadt SB, Birkby G, **Eberth JM**, Hoffman R, Park H, Trapl E, Brenner A, Reuland D, Slatore C, Flocke SA. Early implementation of lung cancer screening across federally qualified health centers (FQHCs) in the U.S. Annual Meeting of the American Thoracic Society. Washington, D.C. 2017 May. [Poster]
81. **Eberth JM**, Josey M\*, Mobley LR, Davidson N, Jeffe D, Odahowski C\*, Probst JC, Schootman M. Urban-rural differences in colonoscopy workforce in South Carolina. National Rural Health Association Annual Meeting. San Diego, CA. 2017 May. [Oral]
82. Breneman CB, Probst JC, Bennett KJ, Merchant AT, Moran R, **Eberth JM**. Frequent emergency department use among adults with diabetes. National Rural Health Association Annual Meeting. San Diego, CA. 2017 May. [Poster]
83. McDonnell KK, Dievendorf AC, Warden D\*, Blew L\*, Sercy E, **Eberth JM**. Nurse practitioner knowledge, attitudes and practices regarding lung cancer screening in the United States. 28<sup>th</sup> International Nursing Research Congress. Dublin, Ireland. 2017 July. [Poster]
84. Smith A, Waddell LF, Berry J, Romero EW, Adams SA, **Eberth JM**. GIS mapping to address disparities in breast cancer mortality. CDC National Cancer Conference. Atlanta, GA. 2017 Aug.
85. Zeliadt SB, Birkby G, **Eberth JM**, Hoffman R, Park H, Trapl E, Brenner A, Reuland D, Slatore C, Flocke SA. Implementation of lung cancer screening across federally qualified health centers (FQHCs) in the U.S. 2017 CDC National Cancer Conference. Atlanta, GA. 2017 Aug.
86. Oluwole OA\*, Adams SA, **Eberth JM**, Sercy E, Hébert J. Racial disparities in late receipt of surgery and adjuvant hormonal therapy among breast cancer patients in South Carolina. 2017 CDC National Cancer Conference. Atlanta, GA. 2017 Aug.
87. Odahowski CL\*, Sercy E, **Eberth JM**. Health seeking behaviors of current and former smokers: 2015 National Health Interview Survey results. American College of Epidemiology Meeting. New Orleans, LA. 2017 Sep. [Poster]
88. Khan S\*, Schooley B, **Eberth JM**. Spatial access to HIV care across South Carolina. American College of Epidemiology. New Orleans, LA. 2017 Sep. [Poster]
89. Boutté AK\*, Turner-McGrievy GM, Wilcox S, Liu J, **Eberth JM**, Kaczynski A. Examining associations between baseline stress, depressive symptoms, and diet quality among diverse

- pregnant women. 39<sup>th</sup> Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine. New Orleans, LA. 2018 April. [Poster]
90. Boutté AK\*, Turner-McGrievy GM, Wilcox S, Liu J, **Eberth JM**, Kaczynski A. Examining associations between baseline stress, depressive symptoms, and diet quality among diverse pregnant women. 11<sup>th</sup> Annual Carolina Women's Health Forum. Columbia, SC. 2017 Nov. [Poster]
  91. Josey MJ\*, Mobley LR, Schootman M, Probst JC, Sercy E, Strayer S, **Eberth JM**. Physician density measurement and implications for colonoscopy delivery on cancer prevention. 12<sup>th</sup> International Conference on Health Policy Statistics. Charleston, SC. 2018 Jan. [Poster]
  92. Breneman C, **Eberth JM**, Probst JC. Measuring need using cause of death: composite methods shortchange rural counties. 12<sup>th</sup> International Conference on Health Policy Statistics. Charleston, SC. 2018 Jan. [Oral]
  93. Boutte AK, Turner-McGrievy GM, Wilcox S, Liu J, **Eberth JM**, Kaczynski A. The association between stress, depressive symptoms, and diet quality in pregnancy: a narrative review. SC Annual Public Health Association Conference. Myrtle Beach, SC. 2018 Feb. [Poster & Oral]
  94. **Eberth JM**, McDonnell KK, Sercy E, Khan S, Strayer S, Dievendorf AC, Munden RF, Vernon SW. A national survey of primary care physicians: perceptions and practices of low-dose CT lung cancer screening. American Society of Preventive Oncology Annual Meeting. NYC, NY. 2018 Mar. [Poster]
  95. Sercy E, Josey M\*, Schootman M, Probst JC, **Eberth JM**. Polyp detection during colonoscopy: the impact of rurality and physician specialty. American Society of Preventive Oncology Annual Meeting. NYC, NY. 2018 Mar. [Online abstract]
  96. Josey M\*, Schootman M, Probst JC, **Eberth JM**. Preventing recurrence: disparities in adherence to surveillance colonoscopy among colorectal cancer survivors in South Carolina. American Society of Preventive Oncology Annual Meeting. NYC, NY. 2018 Mar. [Abstract in review]
  97. McDonnell KK, Estrada RD, Dievendorf AC, Blew L\*, Warden B\*, Hardin J, Sercy E, **Eberth JM**. Nurse practitioners' lung cancer screening knowledge, attitudes and clinical behaviors in the United States: a mixed methods study. American Society of Preventive Oncology Annual Meeting. NYC, NY. 2018 Mar. [Poster]
  98. Schootman M, Jeffe DB, **Eberth JM**, Davidson NO. Mediators of 30-day mortality risk following resection for nonmetastatic colon cancer polyps among patients with diabetes. DDW Annual Meeting. Washington, DC. 2018 June. [Abstract in review]

***Invited Presentations/Lectures***

1. The legacy of the US Public Health Service Syphilis Study at Tuskegee: perceptions and consequences. Project EXPORT External Advisory Board Meeting. Texas A&M University, Center for the Study of Health Disparities (College Station, TX). 2006 Apr.
2. Integrating geography and health services research: exercises in modeling cancer prevention utilization and accessibility. Health Services Research Journal Club. The University of Texas MD Anderson Cancer Center (Houston, TX). 2011 Mar.
3. Spatial accessibility to mammography facilities in the southern United States. Cancer Prevention Brown Bag Lecture. The University of Texas MD Anderson Cancer Center (Houston, TX). 2011 Dec.

4. Modeling geographic disparities in access, utilization, and quality of care: applications in cancer prevention research. The University of South Carolina Arnold School of Public Health. 2012 Mar.
5. Introduction to public health. Boy Scout Merit Badge Day at the University of Houston (Houston, TX). 2012 Oct.
6. Geographic disparities in mammography capacity in the south: a longitudinal assessment of supply and demand. Cancer Prevention Brown Bag Lecture. The University of Texas MD Anderson Cancer Center (Houston, TX). 2012 Oct.
7. Access to cancer care in the U.S. and South Carolina. Rural Health Research Center. The University of South Carolina Arnold School of Public Health. 2013 July.
8. Cancer care deserts: quantifying and solving the problem from a spatial perspective. Cancer Prevention and Control Program Symposium. The University of South Carolina Arnold School of Public Health. 2013 Aug.
9. Cancer screening in SC: projects and opportunities for collaboration. Greenville Hospital System, Care Coordination Institute. (Greenville, SC). 2013 Oct.
10. Where can I get colorectal cancer screening? Investigating spatial access to screening in SC. COBRE Center for Colon Cancer Research. The University of South Carolina. 2013 Oct.
11. Using Infographics to enhance epidemiology education for undergraduates. 2013 Oktoberfest: A Symposium on Teaching. The University of South Carolina. 2013 Oct.
12. Low-dose CT for Lung Cancer Screening: A Review of Current Guidelines and Implementation. Division of Epidemiology Brown Bag Series. The University of South Carolina Arnold School of Public Health. 2013 Nov.
13. Access and utilization of mammography in South Carolina: where do we stand? Palmetto Health Mammography Technologists CE Day. (Columbia, SC). 2014 Feb.
14. A web-based tool to visualize and analyze the spatial arrangement of health care facilities and health outcomes in SC. SCARC Conference (Columbia, SC). 2014 Feb.
15. Mobile mammography: challenges and recommendations. Susan G. Komen Partners in Pink Meeting (Florence, SC). 2014 May.
16. Basics in GIS. GMap Regional Meeting (Columbia, SC). 2014 Aug.
17. Low-dose CT for lung cancer screening: current guidelines and implementation. South Carolina Cancer Alliance Annual Meeting (Columbia, SC). 2014 Oct.
18. Utilizing data to address breast cancer mortality among women living in vulnerable populations. ASTHO/CDC Expert Panel Meeting (Atlanta, GA). 2015 Nov.
19. Assessing quality of breast cancer treatment: unique opportunities. ASTHO/CDC Breast Cancer Learning Community: Tennessee Stakeholder Meeting (Nashville, TN). 2016 March.
20. Identifying disparities in cancer care: an early career scientist's story. Congressional briefing on cancer research funding co-sponsored by Research!America, AcademyHealth, and American Cancer Society Cancer Action Network (Washington, D.C.). 2016 March.
21. Current issues in rural population health. National Rural Health Association 39<sup>th</sup> Annual Conference. (Minneapolis, MN). 2016 May. [Invited Concurrent Session]
22. Twitter in academia. Society of Epidemiologic Research. (Miami, FL). 2016 June. [Invited Breakfast Roundtable]
23. What do health care providers think about low-dose CT for lung cancer screening? USC College of Nursing Research Forum (Columbia, SC). 2016 October.

24. Advancing lung cancer screening and quality survivorship: current projects in South Carolina. Cancer Prevention and Control Program Monthly Research Symposium (Columbia, SC). 2016 November.
25. Low dose CT is effective for lung cancer screening: now what? Centers for Disease Control and Prevention Associate Director of Science Research Series (Atlanta, GA). 2016 November.
26. Lung cancer screening in U.S. primary care practices. University of Kentucky Markey Cancer Center Research Series (Lexington, KY). 2017 March.
27. Geographic disparities and temporal trends in the colonoscopy workforce. Florida State University School of Medicine (Tallahassee, FL). 2017 Sep.
28. Accessibility and implementation barriers to low-dose lung cancer screening. Wake Forest University School of Medicine (Winston-Salem, NC). 2017 Sep.
29. Geospatial concepts and methods in epidemiologic research. Wake Forest University School of Medicine (Winston-Salem, NC). 2017 Nov.

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## SELECTED MEDIA COVERAGE

1. Study Associate Media Coverage and Internet Search Activity with Increased HPV Vaccine Adverse Events Reportage. 2013 Nov. 25. Bio News Texas. Available at: <http://bionews-tx.com/news/2013/11/25/study-associates-media-coverage-and-internet-search-activity-with-increased-hpv-vaccine-adverse-events-reportage/>
2. Media Coverage of HPV Vaccine Boosts Reports of Adverse Effects. 2013 Nov. 19. Health Behavior News Service. Available at: <http://www.cfah.org/hbns/2013/media-coverage-of-hpv-vaccine-boosts-reports-of-adverse-effects>
3. Surgeon influence on use of needle biopsy in patients with breast cancer: a national Medicare study.” 2014 June 9. Journal of Clinical Oncology Podcast. Available at: <http://jco.ascopubs.org/content/early/2014/06/09/JCO.2013.52.8257/suppl/DC1>.
4. Needle biopsy underused in patients with breast cancer. 2014 June 9. Health Day News. Available at: <http://www.doctorslounge.com/index.php/news/pb/47335>.
5. Surgeon characteristics explain less-than-ideal rates of needle biopsy. 2014 June 9. ASCO Connection. Available at: <http://connection.asco.org/Magazine/Article/id/3902/Surgeon-Characteristics-Explain-Less-than-Ideal-Rates-of-Needle-Biopsy.aspx>.
6. Needle biopsies may be underused for breast cancer patients. 2014 June 13. Reuters. Available at: <http://www.reuters.com/article/2014/06/13/us-breast-cancer-diagnosis-surgery-idUSKBN0EO1Z020140613>
7. Seeking quality care, everywhere. 2014 July 1. UofSC Today. Available at: [http://www.sc.edu/uofsc/posts/2014/07\\_jan\\_eberth\\_needle\\_biopsy.php#.V5ZHxqLK6PU](http://www.sc.edu/uofsc/posts/2014/07_jan_eberth_needle_biopsy.php#.V5ZHxqLK6PU).
8. Needle biopsy found to be underused for breast cancer. 2014 July 25. Oncology Times. Available at: [http://journals.lww.com/oncology-times/Fulltext/2014/07250/Needle\\_Biopsy\\_Found\\_to\\_be\\_Underused\\_for\\_Breast.1.aspx](http://journals.lww.com/oncology-times/Fulltext/2014/07250/Needle_Biopsy_Found_to_be_Underused_for_Breast.1.aspx)
9. Many states don't have adequate LDCT screening. 2014 September 5. Available at: <http://www.diagnosticimaging.com/low-dose/many-states-dont-have-adequate-ldct-screening>.
10. Geographic analysis reveals gaps in LDCT lung screening access. 2014 September 8. Available at: <http://www.healthimaging.com/topics/oncology-imaging/geographic-analysis-reveals-gaps-ldct-lung-screening-access>.

11. See Colon Cancer Through My Eyes: Jan Eberth. 2015 May 12. YouTube. Available at: <https://www.youtube.com/watch?v=SdjHBammhM>.
12. USC Professor: New screening benefit can help smokers, former smokers. 2015 May 18. The State Newspaper. Available at: <http://www.thestate.com/opinion/letters-to-the-editor/article21124098.html>
13. Open-access colorectal screening finds more polyps, adenomas. 2015 October 20. Medscape. Available at: <http://www.medscape.com/viewarticle/852950>
14. Lung Cancer: New Screening Guidelines and Reimbursement Protocols. 2016 January 2. Available at: <http://medicalresearch.com/cancer--oncology/lung-cancer/lung-cancer-new-screening-guidelines-and-reimbursement-protocols/20278/>
15. Research across the continuum: cancer from bench to bedside. 2016 March. Research!America. Available at: [www.researchamerica.org/research-across-continuum-cancer-bench-bedside](http://www.researchamerica.org/research-across-continuum-cancer-bench-bedside)
16. Accelerating health equity by eliminating cancer disparities. 2016 April 11. ACS CAN Blog. Available at: <http://www.acscan.org/content/cancer-candor/guest-post-accelerating-health-equity-by-eliminating-cancer-disparities/>
17. Family doctors don't always screen smokers for lung cancer. 2016 June 14. Reuters. Available at: <http://www.reuters.com/article/us-health-lungcancer-screening-idUSKCN0Z01ZK>. \* Reposted by Yahoo, Fox News, and The Globe and Mail
18. Referrals for lung cancer CT imaging screening remain low among family physicians. 2016 June 13. Oncology Nurse Advisor. Available at: <http://www.oncologynurseadvisor.com/lung-cancer/referrals-for-lung-cancer-ct-imaging-screening-remain-low/article/502776/>.
19. Many family physicians may be misinformed about lung cancer screening. 2016 June 15. The ASCO Post. Available at: <http://www.ascopost.com/News/41666>.
20. Family doctors unclear on CT lung cancer screening. 2016 June 17. AuntMinnie.com. Available at: <https://www.auntminnie.com/index.aspx?sec=log&URL=http%3a%2f%2fwww.auntminnie.com%2findex.aspx%3fsec%3dsup%26sub%3dcto%26pag%3ddis%26ItemID%3d114472>.
21. Knowledge about LDCT lung cancer screening low among family physicians. 2016 June 13. Medscape Medical News. Available at: <http://www.medscape.com/viewarticle/864690>.
22. Family doctors have poor knowledge of lung cancer screening, study says. 2-16 June 13. United Press International. Available at: [http://www.upi.com/Health\\_News/2016/06/13/Family-doctors-have-poor-knowledge-of-lung-cancer-screening-study-says/5301465817892/](http://www.upi.com/Health_News/2016/06/13/Family-doctors-have-poor-knowledge-of-lung-cancer-screening-study-says/5301465817892/).
23. Is treatment quality contributing to disparities in breast cancer mortality? A closer look is needed. 2016 July 27. Association of State and Territorial Health Officials Blog. Available at: <http://www.astho.org/StatePublicHealth/Is-Treatment-Quality-Contributing-to-Disparities-in-Breast-Cancer-Mortality-A-Closer-Look-is-Needed/7-27-16/>.
24. Research centers are important to communities. 2016 August 1. YouTube. Available at: <https://www.youtube.com/watch?v=qvcaU4Kcl1Q>.
25. Study: Primary care doc iffy about lung cancer screening. 2016 August 12. MedPage Today. Available at: <http://www.medpagetoday.com/reading-room/asco/59653>.
26. Why are physicians cautious on lung cancer screening recommendation? American Academy of Family Physicians Guest Editorial. 2016 Oct 19. Available at: <http://www.aafp.org/news/opinion/20161019guidelinesed.html>.

27. Flexible sigmoidoscopy reduces all-cause mortality. Medscape. 2017 Aug 21. Medscape. Available at: <http://www.medscape.com/viewarticle/884520>.

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## TEACHING

### *Courses taught*

1. EPID 410: Principles of Epidemiology (3 credit hours). University of South Carolina, Department of Epidemiology and Biostatistics.
2. EPID 845. Doctoral Seminar (1 credit hour). University of South Carolina. Department of Epidemiology and Biostatistics.
3. EPID 890. Geographic Information Systems for Public Health Infrastructure (1 credit hour independent study). University of South Carolina. Department of Epidemiology and Biostatistics
4. EPID 794/767. Geographic Information Systems and Public Health Applications (3 credit hours). University of South Carolina. Department of Epidemiology and Biostatistics.
5. EXSC 499. The SC Colon Cancer Prevention Network: Coordination of Patient Electronic Medical Record Data (1 credit hour research practicum). University of South Carolina. Department of Exercise Science.
6. SCHC 499. Honors College Senior Thesis/Project (3 credit hours). University of South Carolina.
7. EPID 799. Thesis Preparation (1-3 credit hours). University of South Carolina. Department of Epidemiology and Biostatistics.
8. EPID 899. Dissertation Preparation (1-6 credit hours). University of South Carolina. Department of Epidemiology and Biostatistics.
9. SCHC 392. Honors College Proseminar (1 credit hour independent study). University of South Carolina.

### *Guest lectures*

1. Correlates of breast cancer screening among American Indian and Alaska Native women: results from the 2003 California Health Interview Survey. Lecture for Epidemiology Doctoral Seminar. University of Texas School of Public at Houston. 2007 Nov.
2. Evaluating screening tools and measures. Lecture for Introduction to Epidemiology Course. Clemson University. 2010 Apr.
3. Making the transition from postdoc to faculty. Lecture for Behavioral Science Seminar. The University of Houston School of Public Health at Houston. 2012 Oct.
4. Cancer epidemiology: a spatial perspective. Lecture for Cancer Epidemiology, EPID 741. University of South Carolina. 2013 Mar.
5. Social epidemiology. Lecture for Introduction to Epidemiology Course, EPID 410. University of South Carolina. 2014-2017 annually.
6. Role of space in predicting health behaviors and outcomes. Lecture for Seminar in Epidemiology, EPID 745. University of South Carolina. 2014 Nov.
7. Population impact and priorities for lung cancer screening. Lecture for Cancer Epidemiology Course, EPID 741. University of South Carolina. 2015 Apr.
8. A dissemination project to advance lung cancer screening in South Carolina. Lecture for Exercise Science Seminar, EXSC 783. University of South Carolina. 2015 Apr.

9. Trends in colonoscopy capacity and utilization: research and policy approaches. Lecture for Health Services Policy & Management Doctoral Seminar, HSPM 800. University of South Carolina. 2016 Feb.
10. Training matters! Lecture for Epidemiologic Methods III. Lecture for Epidemiologic Methods III, EPID 802. University of South Carolina. 2016 Nov.
11. Peer review of epidemiology grant applications. Guided activity for Epidemiologic Methods III, EPID 802. University of South Carolina. 2016 Dec.
12. Low-dose CT is an effective lung cancer screening tool: now what? Lecture for Health Services, Policy and Management Doctoral Seminar, HSPM 800. University of South Carolina. 2017 Jan.
13. Cancer epidemiology: place as a cause. Lecture for Cancer Epidemiology, EPID 746. University of South Carolina. 2017 Feb.
14. Working with multidisciplinary research centers. Lecture for Health Promotion, Education and Behavior Doctoral Seminar, HPEB 704. University of South Carolina. 2017 Apr.
15. Using data to mobilize action: a South Carolina case study. Lecture for Cancer Epidemiology, EPID 746. University of South Carolina. 2017 Apr.
16. Methodological and grantsmanship issues related to health services and GIS research. Lecture for Epidemiology Methods III, EPID 802. University of South Carolina. 2017 Oct.
17. Survey data collection: best practices and examples from public health. Lecture for Master's Epidemiology Seminar, EPID 745. University of South Carolina. 2017 Nov.

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## **MENTORSHIP/ADVISING**

### **USC-Columbia (Reverse Chronological)**

#### ***PhD Students, Committee Chair Appointments***

- Sazid Khan (PhD in Epidemiology, Ongoing); Dissertation Title: “Spatial exploration of access to HIV resources and predicting HIV outbreaks in rural areas across the U.S.”;
- Cassie Odahowski (PhD in Epidemiology, Ongoing); Dissertation Title: “Identifying geographic disparities in minimally invasive thoracic surgery and high quality surgical treatment among lung cancer patients in the United States”; **Awarded SPARC Dissertation Grant in January 2018; USC Donna and Andrew Sorensen Graduate Student Fellowship in Cancer Research Finalist**
- Michele Josey (PhD in Epidemiology, Ongoing); Dissertation Title: TBD; **Awarded NIH Behavioral-Biomedical Interface Program Pre-doctoral Fellowship (T32);**
- Jennifer Ersek (PhD in Epidemiology, Graduated Dec 2017); Dissertation Title: “Molecular testing and overall survival in non-small cell lung cancer patients”; **Awarded SPARC Dissertation Grant in Spring 2015**

#### ***PhD Students, Committee Member Appointments***

- Alycia Boutte (PhD in Health Promotion, Education and Behavior, Ongoing); Dissertation Title: “Exploring the Impact of Mental Health and the Nutritional Built Environment on Diet Quality and Pregnancy”; **Awarded NIH Research Supplement to Promote Diversity in Health-Related Research**



- Babatunde Oluwole (PhD in Epidemiology, Ongoing); Dissertation Title: "Racial disparities in breast cancer treatment in South Carolina"; **Awarded NIH F99/KOO Predoctoral-to-Postdoctoral Fellowship Grant**
- Peter Georgantopoulos (PhD in Epidemiology, Ongoing); Dissertation Title: "The importance of person and place in predicting prostate cancer incidence and mortality among United States veterans seeking Veteran's Health Administration Care"
- Deborah Hurley (PhD in Epidemiology, Ongoing); Dissertation Title: "Local area influences and geographical variation of oral and pharyngeal cancer in South Carolina"
- Jarrod Bullard (PhD in Health Services Policy and Management, Graduated August 2017); Dissertation Title: "Racism across the American South: the relationship between racism, rurality and black mortality"
- Meng-Han Tsai (PhD in Health Services Policy and Management, Graduated May 2016); Dissertation Title: "Frequency of colonoscopy surveillance in average-risk adults relative to guideline recommendations"
- Yu-Hsiu Lin (PhD in Health Services Policy and Management, Graduated Dec 2015); Dissertation Title: "Community level factors associated with health-related quality of life among older adults"

***Master's Students, Committee Chair/Practicum Appointments***

- Sarah Grace Turner (MSPH in Epidemiology, Ongoing); Thesis Title: "Exploring Breast Cancer Care Variation in CoC-Accredited Facilities"
- Charity Breneman, University of South Carolina (MSPH in Epidemiology, Graduated Dec 2015); Thesis Title: "Spatial Analysis of the Determinants of Emergency Department Utilization among Patients with Diabetes in South Carolina"
- Emily Haanschoten, University of South Carolina (MSPH in Epidemiology, Graduated Dec 2014); Thesis Title: "Effect of primary care physician density on late stage cervical cancer diagnosis"
- Casey Browder, University of South Carolina (MHA, Graduated May 2014); Practicum Title: "Reducing no-shows and improving processes for McLeod Health's Mobile Mammography Unit"

***Master's Students, Committee Member Appointments***

- Samantha Truman (MSPH in Epidemiology, Graduate Aug 2017); Thesis Title: "The Impact of Autoimmune Disease on Breast Cancer Survival"
- Joshua Sellner (MSPH in Epidemiology, Graduated May 2016); Thesis Title: "Fine Particulate Matter and Inflammatory Bowel Diseases in South Carolina"
- Amanda Thomas (MSPH in Epidemiology, Graduated Aug 2016); Proposed Thesis Title: "Influence of Built Environment on Physical Activity Outcomes Among African-American Women in a Breast Cancer Intervention Study"
- Chisom Onyeuku (MSPH in Epidemiology, Graduated May 2015); Thesis Title: "Physical Activity & Breast Cancer in South Carolina"
- Portavia Featherstone (MSPH in Epidemiology, Graduated May 2015); Thesis Title: "Geographic accessibility of health services and neonatal mortality among very low birthweight infants in South Carolina"

***Student Research Projects***

- Lebron Logan (BS, Geography, Ongoing); Project Title: “Lung cancer screening availability in the US, 2017”
- Sarah Grace Turner (MSPH, Epidemiology, Ongoing); Project Title: “Leveraging mammography to increase awareness of lung cancer screening”
- Pariza Bozorgi (PhD, Environmental Science, Completed Project 2017); Project Title: “Locations of lung cancer screening centers in the U.S.”
- Lauren Blew (BS, Nursing, Completed Project 2016); Project Title: ProjectLUNG
- Deborah Warden (PhD, Nursing, Completed Project 2016); Project Title: ProjectLUNG
- Chelsea Larsen (PhD, Exercise Science, Completed BBIP Lab Rotation 2016); Project Title: “Geocoding U.S. mammography facility data, 2014-2015”; **Awarded NIH Behavioral-Biomedical Interface Program Pre-doctoral Fellowship (T32)**
- Sarah Powell (BS, Public Health, Graduated May 2015); Project Title: “A Geospatial and Qualitative Examination of USC’s Tobacco-Free Campus Policy”; **Granted \$3,000 Magellan Undergraduate Research Grant** to conduct an observational study of smoking on the USC campus; Awarded 1<sup>st</sup> place poster at USC’s 2016 Discovery Day)
- Tushar Trivedi (PhD, Epidemiology, Completed Project 2015); Project Title: “Urban-rural patterns of colonoscopy utilization”
- Nancy Gallant (PhD in Epidemiology, Completed Project 2015); Project Title: “Association Between Being Up-To-Date on Colorectal Cancer Screening and Diabetes, 2012 BRFSS”; **Granted \$5,000 recruitment scholarship by the USC Center for Colon Cancer Research** to conduct clinical/translational research in the area of diabetes and colorectal cancer risk
- Marsha Samson (PhD, Epidemiology, Graduated Dec 2015); Project Title: “SCCA Breast & Female Cancer Report: Breast Cancer Statistics in SC” **Awarded NIH Behavioral-Biomedical Interface Program Pre-doctoral Fellowship (T32)**
- Bryttin Boyde (BS, Anthropology/Biochemistry & Molecular Biology; USC Honors College, Graduated May 2015); Project Title: “Measuring spatial accessibility to endoscopy for colorectal cancer screening in SC using novel GIS approaches”; **Granted \$1,500 Exploration Scholars Research Program Award** to conduct a study examining the supply and demand for endoscopy in SC over time; Awarded 1<sup>st</sup> place poster at USC’s 2015 Discovery Day
- John Odom (BS, Public Health, Graduated May 2015); Project Title: “Costs, Risks and Benefits of Low-Dose CT for Lung Cancer Screening”; **Granted \$3,000 Magellan Undergraduate Research Grant** to conduct a qualitative study of Medicare beneficiaries’ awareness and perceptions of lung cancer screening coverage
- Ashley Gregoire (BS, Public Health, Graduated May 2015); Project Title: “SCCCPN: Coordination of Patient Electronic Medical Record Data”; Research intern at the Center for Colon Cancer Research at USC
- Sarah Baker (BS, Public Health, Graduated May 2015) Project Title: “SCCCPN: Coordination of Patient Electronic Medical Record Data”; Research intern at the Center for Colon Cancer Research at USC
- Jacob Legrone (BS, Public Health, Graduated May 2015); Project Title: “Geographic information systems for public health infrastructure”

- Rebecca Qiu (BS in Nursing, Graduated May 2014); Project Title: “Adoption of Low-Dose Computed Tomography for Lung Cancer Screening: A Mixed-Methods Study”; **Granted \$1,500 Magellan Undergraduate Research Grant** to conduct a mixed-methods study of lung cancer screening adoption among health systems

**Other universities**

***PhD Students, Committee Member Appointments***

- Jenna Khan, University of Illinois-Chicago (PhD in Epidemiology, Ongoing); Dissertation Title: “The application of geographic analyses to assess disparities in access to breast cancer care in Chicago”
- Georgiana Onicescu, Medical University of South Carolina (PhD in Biostatistics, Graduated May 2015); Dissertation Title: “Advances in geospatial survival modeling for small area cancer data”

***Undergraduate Research Projects***

- Shacoria Anderson, Georgetown University (BS, Human Science, Completed Project 2017); Project Title: “Development lung cancer screening small media campaign materials for the South Carolina Cancer Alliance”
- Madison Walter, Wofford College (BS, Anthropology, Completed Project 2014); Project Title: “A descriptive analysis of the state of breast cancer in South Carolina”

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**SERVICE AND CONSULTING**

**Consulting**

- CDC/ASTHO Breast Cancer Learning Community Consultant (2015-2017)

**Institutional Service (Reverse Chronological)**

- James E. Clyburn Health Disparities Lecture Committee (USC, Fall 2017-Present)
- Department of Health Services Policy and Management Faculty Search Committee (USC, Fall 2017-Present)
- Department of Epidemiology and Biostatistics Exam Committee (USC, Fall 2017-Present)
- Department of Epidemiology and Biostatistics Research Committee (USC, Fall 2016-Present)
- Moore Cindy Babb Excellence in Rural Health Endowed Fellowship Selection Committee, USC Arnold School of Public Health (Fall 2016-Present)
- Department of Epidemiology and Biostatistics Mission, Vision and Values Committee (USC Arnold School of Public Health, Fall 2016)
- James E. Clyburn Health Disparities Lecture Abstract Reviewer (Spring 2016)
- Medical Quality Advisory Committee for the South Carolina Cancer Prevention Network at USC (Spring 2015-Present)
- Strategic Planning Committee on Mission, Vision and Values (USC Arnold School of Public Health, Fall 2015)
- ASPIRE Grant Reviewer (USC Office of the Vice President of Research, Spring 2015)

- Carolina Judicial Council for the Office of Academic Integrity at USC (Fall 2014-Present)
- Deputy Director, SC Rural Health Research Center (USC, Summer 2015-Present)
- SC Cancer Prevention and Control Program Communications Committee Chair (USC, Spring 2015-Fall 2015)
- Magellan Scholar Undergraduate Research Grant Ad-Hoc Reviewer (USC Office of Undergraduate Research, Spring 2014, Fall 2016)
- SPARC Graduate Fellowship Reviewer (USC Graduate School, Fall 2013)
- Department of Epidemiology and Biostatistics Faculty Search Committee (USC, Fall 2013, Spring 2016, Fall 2016)
- SC Cancer Prevention and Control Program 10<sup>th</sup> Anniversary Event Planning Committee (USC; Spring 2013-Present)
- Division of Epidemiology Admissions Committee (USC, Spring 2013 - Spring 2017)
- Leading Mentor in Cancer Prevention Review Committee (MD Anderson Cancer Center; Fall 2011)

**Professional and Community Service Activities**

- American Cancer Society Congressional Action Network SC Ambassador, Congressional District 2 (Summer 2016 – Present)
- Lung Cancer Alliance Patient-Powered Research Network Advisory Board Member (Fall 2016-Present)
- American Cancer Society Cancer Action Network Day at the State House (Spring 2016)
- “Shine a Light” Lung Cancer Awareness Month event in partnership with the Lung Cancer Alliance (Fall 2015)
- *Prevent Cancer Foundation* Community Grants Reviewer (Spring 2015)
- SC Behavioral Risk Factor Surveillance System Advisory Committee (Fall 2013-Present)
- South Carolina Cancer Alliance Member (2013-Present)
  - Chair, Lung Cancer Workgroup (2016-Present)
  - Co-Chair, Breast and Female Cancers Workgroup (2013-2016)
  - State Cancer Plan Reviewer (2014, 2016)
  - Lung Cancer Evidence Academy Planning Committee (2016)
- Public Health Boy Scout Merit Badge Teacher (University of Houston, 2011)
- American College of Epidemiology Member (2007- Present)
  - Associate Member (2007-2012)
  - Member (2013-Present)
  - Associate Director, Board of Directors (2008-2010)
  - Communications Committee Member, Vice-Chair (2010-2013) and Chair (2013-2016)
  - Career Mentoring Committee Liaison (2015-Present)
  - Abstract Reviewer (2010-2013)
- American Public Health Association Member (2006-Present)
  - Abstract Reviewer (2011)
- Texas A&M Health Science Center Epidemiology Student Organization Member (2005-2006)
  - Vice President (2005-2006)

## EDITORIAL AND REVIEW ACTIVITIES

### *Editorial Boards*

Associate Editor, *Annals of Epidemiology* (2014-Present)

- Guest Editor on “GIS and Spatial Methods in Epidemiology” issue published in January 2017

### *Journal Reviewer*

Women’s Health Issues

Psycho-Oncology

*Annals of Epidemiology*

Cancer Causes & Control

Health & Place

Journal of Adolescent Health

Epidemiology & Infection

Social Science & Medicine

Cancer

American Journal of Epidemiology

Spatial and Spatio-temporal Epidemiology

American Journal of Public Health

Journal of Adolescent and Young Adult Oncology

BMC Cancer

Journal of Healthcare Quality

American Journal of Preventive Medicine

Maternal and Child Health Journal

The Journal of Rural Health

Preventing Chronic Disease

Health Promotion Practice

Cancer Epidemiology, Biomarkers, and Prevention

Frontiers in Medicine

Journal of the American College of Radiology

Healthcare: The Journal of Delivery Science and Innovation

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## HONORS AND AWARDS

- **USC Office of the Vice President for Research’s “Breakthrough Star” Award for Early Career Faculty (Fall 2016)**
- Top ranked abstract at the 2016 *Dialogue for Action* meeting in Baltimore, MD
- **James A. Keith Arnold School of Public Health Teaching Award Nominee**, University of South Carolina Arnold School of Public Health (Spring 2016, Spring 2017)
- Early Career Reviewer Program Participant, Center for Scientific Review, NIH (Fall 2015-Present)
- **National Rural Health Association Rural Health Fellowship Recipient (Fall 2015-Fall 2016)**

- **Awarded American Cancer Society Mentored Research Scholar Grant (2016-Present)**
  - Two posters chosen as featured works for the North American Primary Care Research Group Annual Meeting in Cancun, Mexico (2015)
  - Recognized reviewer of the *American Journal of Preventive Medicine* (2014)
  - Poster chosen as a featured work for the American College of Epidemiology Meeting in Silver Spring, MD (2014)
  - Honorable Mention for Women’s Health Issues article, “Human papillomavirus vaccine coverage among females aged 11 to 17 in Texas counties: an application of multilevel, small area estimation” (2013)
  - Top 10 Associate Member abstracts at the American College of Epidemiology Meeting (2012)
  - NIH Health Disparities Loan Repayment Program Recipient (2012-Present)
  - **Awarded a National Cancer Institute Cancer Prevention Training Program, Post-doctoral Fellowship (2011-Present)**
  - **Awarded a National Cancer Institute Cancer Education Career Development Program, Pre-Doctoral Fellowship (2007-2011)**
  - Delta Omega Honor Society Member, Alpha Tau Chapter (2009)
  - James Emerson Teaching Assistant of the Year Nominee, University of Texas Health Science Center at Houston (2007)
  - Outstanding New Student Scholarship, University of Texas Health Science Center at Houston (2007)
  - Health Resources and Services Administration Epidemiology Traineeship Recipient, Texas A&M Health Science Center (2005)
  - Eta Sigma Gamma: National Health Education Society (2004-2005)
  - Certificate of Academic Excellence, Clemson University (2004)
  - Lt. Miles R. Hunter Scholarship Recipient, Clemson University (2004)
  - Golden Key International Honor Society (2004-Present)
  - Full Academic Scholarship, North Greenville College (2000)
  - Dean’s List Recognition & SC Life Scholarship Recipient (2000-2004)
-