

## Daniel Lee Brinton, PhD

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### EDUCATION

2018	Doctor of Philosophy, Health and Rehabilitation Science—Health Services Research <i>Dissertation: Missing data methods for ICU SOFA scores in electronic health records studies: Results from a Monte Carlo simulation study</i>	Medical University of South Carolina Charleston, SC
2013	Master of Health Administration (honors)	Medical University of South Carolina Charleston, SC
2011	Master of Arts in Religion (honors)	Liberty Baptist Theological Seminary and Graduate School Lynchburg, VA
2006	Bachelor of Science	Liberty University Lynchburg, VA

### FACULTY APPOINTMENTS

2018-Present	Assistant Professor	Department of Healthcare Leadership & Management, MUSC
2016-2018	Research Associate	Department of Healthcare Leadership & Management, MUSC

### OTHER TRAINING AND PROFESSIONAL EXPERIENCE

2016-Present	Statistician	Ralph H. Johnson VA Medical Center, Charleston, SC
June 2016	Statistical Horizons' Missing data workshop, taught by Paul Allison, PhD	Statistical Horizons Philadelphia, PA
2015-2016	Data Analyst	Ralph H. Johnson VA Medical Center, Charleston, SC
2014-2015	Administrative Officer, Pharmacy	Ralph H. Johnson VA Medical Center, Charleston, SC

2013-2014	Graduate Health Administration Training Program (GHATP) Administrative Fellow	Ralph H. Johnson VA Medical Center, Charleston, SC
2002-2011	Petty Officer	United States Coast Guard

**MEMBERSHIP IN PROFESSIONAL/SCIENTIFIC SOCIETIES**

2016-Present	American Statistical Association (ASA)	Member
2016-Present	Academy Health	Member
2015-Present	Southeast SAS Users Group (SESUG)	Member
2011-Present	Health Information and Management Systems Society (HIMSS)	Member
2011-2015	American College of Healthcare Executives (ACHE)	Member

**AWARDS, HONORS, & MEMBERSHIP IN HONORARY SOCIETIES**

2018	Academic Faculty Grant, 2018 Southeast SAS Users Group (SESUG) conference St. Pete Beach, Florida	Southeast SAS Users Group
2017	Salvatore Scaletta Education and Scholarship Fund	MUSC College of Health Professions
2016	1 <sup>st</sup> Place Winner, PhD IV Oral Presentation Perry V. Halushka MUSC Student Research Day	MUSC College of Health Professions
2016	Oral Presentation Winner, Interprofessional Collaboration Research Award Perry V. Halushka MUSC Student Research Day	MUSC
2016	Student Research Honorable Mention Certificate	Charleston Research Institute
2013	Perry V. Halushka MUSC Student Research Day Alpha Eta National Scholastic Honor Society for Allied Health Professionals	MUSC College of Health Professions
2013	Upsilon Phi Delta Honor Society for Academic Achievement in Health Administration	MUSC College of Health Professions
2010	Graduate with High Distinction	Liberty Baptist Theological Seminary and Graduate School

**INTRA/EXTRAMURAL PROFESSIONAL SERVICE**

Journal Peer Reviews

2018-Present	BMJ Open	Statistical Reviewer
2017-Present	BMC Health Services Research	Reviewer

University Service

2018	Perry V. Halushka MUSC Student Research Day	Judge PhD V Oral Sessions
2018	MUSC Interprofessional Day	Facilitator 2 <sup>nd</sup> -year MUSC Students

**ACADEMIC COMMITTEE ACTIVITIES**

College

2018-2019	Faculty Assembly, Nominations and Elections Committee Member	College of Health Professions
2018-2019	Faculty Assembly, Bylaws Review Committee Committee Member	College of Health Professions

**ONGOING RESEARCH SUPPORT**

**CCR31803** (Goodwin, A., and Simpson, A., Co-PIs) [12/1/18-12/31/19]

**Carolina's Collaborative CTSA**

Development and validation of a multi-center ventilator dependent respiratory failure (VDRF) computable phenotype to facilitate lung protective ventilation research

Role: Co-Investigator

Amount funded: \$25,000

**U66RH31458** (Ford, D and Kristaldi, K, Co-PIs) [09/30/17-09/29/20]

**HRSA**

Telehealth Center of Excellence

The goal of this project is to establish and evaluate Tele-health programs and disseminate methods and processes throughout the United States.

Role: Methodologist

Amount funded: \$1,000,000 1<sup>st</sup> year, \$2,000,000 2nd year

**PCS-1402-10867** (Morrisette, D., Site-PI) [07/01/15-06/30/19]

**PCORI**

Targeted Interventions to Prevent Chronic Low Back Pain in High Risk Patients: A Multi-Site Pragmatic RCT

The goal of this study is to test combined screening and physical therapy in the primary care setting to prevent progression of acute back pain to a chronic condition.

Role: Methodologist

Amount funded: \$2,500,000

**VA Merit BX000333** (LaRue, R.A., PI) [03/05/16-03/04/19]

Biomedical Laboratory Research and Development Program of the Department of Veterans Affairs

Role: Methodologist

**COMPLETED RESEARCH SUPPORT**

**8B972** (Andrews, A. PI) [05/01/16-06/30/18]

**Doris Duke Foundation**

Translating the Asthma Medication Ratio to a Point of Care Tool

The purpose of this funding is to supplement a K23 award by assessing the cost-effectiveness of using an Asthma Medication Ratio Risk tool during point of care to guide use of supplemental care for high-risk groups.

Role: Methodologist

Amount Funded: \$44,000

## TEACHING RESPONSIBILITIES

### Current

Spring 2019	HAP-632	Quality Management in Healthcare Services	3 credit hours 25 MHA students
Spring 2019	DHA-867	Quantitative Methods for Research	3 credit hours 28 DHA students
2018-2019	DHA-990	DHA Doctoral Dissertation Projects	9 credit hours 2 DHA students

### Prior

Summer 2018	HAP-632	Quality Management in Healthcare Services Instructor	3 credit hours 20 MHA/MSHI students
Fall 2017	BMTRY-700	Introduction to Clinical Biostatistics, SAS Lab (Supplemental) for PhD students Co-Instructor	6 PhD students
Fall 2017	DHA-875	Comparative Effectiveness Research Teaching Assistant	3 credit hours 19 DHA students
Summer 2017	HAP-632	Quality Management in Healthcare Services Instructor	3 credit hours 15 MHA/MSHI students
Spring 2017	HIN-708	Applied Statistical and Research Methods Teaching Assistant	3 credit hours 22 MSHI students
Spring 2017	DHA-867	Quantitative Methods for Research Teaching Assistant	3 credit hours 21 DHA students
Fall 2016	DHA-875	Comparative Effectiveness Research Teaching Assistant	3 credit hours 29 DHA students
Summer 2016	HAP-632	Quality Management in Healthcare Services Teaching Assistant	3 credit hours 23 MHA/MSHI students 1 PhD student

## DOCTORAL COMMITTEES

### Doctor of Health Administration (DHA) – Dissertation

2019	Ryan Brainard	<i>Does total shoulder arthroplasty offer a cost advantage in the outpatient versus inpatient setting? A retrospective quantitative analysis</i>	Chair, MUSC
2019	Margaret Brake	<i>The use of e-cigarettes by teens in the United States by socioeconomic status</i>	Chair, MUSC

2019	J. Antonio Quiros	<i>Costs and healthcare utilization within 18 months of Crohn's disease in children</i>	Member, MUSC
2019	Stephen Smith	<i>The impact of formulary benefit design and insurance type on use of generic glatiramer acetate for multiple sclerosis in the United States</i>	Member, MUSC
2019	Lauren Shay	<i>Veterans' Choice program: Trends in time to payment of external services bills 2016-2018</i>	Member, MUSC
2018	Jaconda Lightburn	<i>Cost of patient disruptive behavior at a Veterans Affairs medical center</i>	Member, MUSC
2017	Dean E. Doering	<i>Differences in outcomes for incarcerated and non-incarcerated patients hospitalized in the Commonwealth of Massachusetts, 2011-2013: Is "Adequate Care" in criminal justice institutions enough?</i>	Statistician, MUSC
2017	J. Michael Mauldin	<i>Differences in total healthcare costs and out-of-pocket costs for non-urgent visits to emergency departments and urgent care centers</i>	Statistician, MUSC

**MASTER'S COMMITTEES**

**Master of Science in Health Informatics (MSHI) – Thesis**

2018	Marshall Chew	<i>Descriptive analysis of medical laboratory test order burden among Medicare recipients aged 65 or older from South Carolina in 2014</i>	Chair, MUSC
2018	Kuston Williams	<i>Non-emergency medical transportation needs in rural and non-rural areas: An examination of South Carolina, USA</i>	Chair, MUSC

**CERTIFICATIONS**

2014	LEAN, 6 Sigma green belt
2012	Institute for Healthcare Improvement (IHI), Open School in Healthcare Quality, Basic Certificate in Quality & Safety

**PROGRAMMING LANGUAGES**

2015 to Present	SAS
1998 to Present	Basic, Visual Basic, SQL
1996 to Present	C, C++, Pascal
1999 to 2001	Assembly Language, Fortran IV
1997 to 2006	Java
1995 to 2017	TI-Basic

## PUBLICATIONS

\* Indicates research resulting from a student or faculty member that was mentored

### Dissertation

Brinton, D.L. (2018). *Missing data methods for ICU SOFA scores in electronic health records studies: Results from a Monte Carlo simulation study*. Available from MUSC Electronic Documents Initiative and Collected Archives (MEDICA), <http://digital.library.musc.edu/cdm/ref/collection/medica/id/1718> (Accession No. 1718)

### Journal Manuscripts, accepted or published

1. Andrews, A.L., **Brinton, D.**, Simpson, K.N., Simpson, A.N. (2018). A Longitudinal Examination of the Asthma Medication Ratio in Children. The American Journal of Managed Care, 24(6): 294-300. PMID: 29939504
2. Traven, S.A. \*, **Brinton, D.**, Simpson, K.N., Adkins, Z., Althoff, A., Palsis, J.A., Ashford, W., Slone, H. (2018). Preoperative shoulder injections are associated with increased risk of subsequent revision rotator cuff repair. Arthroscopy: The Journal of Arthroscopic and Related Surgery. *In press (10-21-2018)*.
3. **Brinton, D.L.**, Simpson, A.N., Fominaya, C.E., LaRue, A.C. Impact of Selective Serotonin Reuptake Inhibitors (SSRIs) in the Veteran population: 10-year risk outcomes. Journal of Comparative Effectiveness Research. *In press (01-14-2019)*.

### Journal Manuscripts, in peer-review

1. Andrews, A.L., **Brinton, D.**, Simpson, A.N. (2018). A Longitudinal Examination of the Asthma Medication Ratio in Medicaid Children. Submitted to The Journal of Pediatrics (submitted October 9, 2018).
2. Dubick, M., **Brinton, D.**, Ravin, T., Morrisette, D. Use of localized human growth hormone/ testosterone injections for chronic shoulder pain: a single group pretest-posttest design, with 12-month follow-up. Submitted to Pain Research and Management (submitted May 1, 2018).
3. Doering, D.E., **Brinton, D.**, Milner, T.F., Hicks, R.E., Simpson, A.N. Differences in outcomes for incarcerated and non-incarcerated patients hospitalized in the Commonwealth of Massachusetts, 2011-2013: Is “adequate care” in criminal justice institutions enough? Submitted to Journal of Correctional Health Care. (submitted June 29, 2017)
4. Eichinger, J.K., Greenhouse, A.R., Rao, M.V., Gordon, E.R., Li, X., Curry, E.J., **Brinton, D.L.**, Friedman, R.J. Racial and sex disparities in utilization rates for shoulder arthroplasty in the United States. Submitted to Journal of Surgical Orthopaedic Advances. (submitted February 2, 2018)

## PEER-REVIEWED PRESENTATIONS

\*Indicates research resulting from a student or faculty member that was mentored

1. **Brinton, D.**, Traven, S., Woolf, S., & Slone, H. Regional variation in opioid prescriptions for 10 common orthopaedic procedures in the United States during 2015-2016. Abstract submitted for presentation to the Academy Health Annual Research Meeting, June 2019, Washington, DC.
2. Traven, S.A. \*, **Brinton, D.**, Simpson, K., Althoff, A. & Slone, H.S. Preoperative shoulder injections are associated with increased risk of subsequent revision rotator cuff repair. Abstract submitted for presentation to the International Society of Arthroscopy, Knee Surgery & Orthopaedic Sports Medicine (ISAKOS) 12<sup>th</sup>

Biennial Congress, May 2019, Cancun, Mexico.

3. Traven, S.A. \*, **Brinton, D.**, Herzog, L.N., Walton, Z.J., Leddy, L.R. The effect of limb salvage versus amputation on osteosarcoma survivorship: A propensity-score matched analysis. Abstract submitted for presentation to American Academy of Orthopaedic Surgeons (AAOS) 2019 Annual Meeting, March 2019, Las Vegas, NV.
4. Eichinger, J.K., Greenhouse, A.R., Gordon, E.R., Li, X., **Brinton, D.**, Friedman, R.J. Racial disparities in total shoulder arthroplasty utilization. Abstract submitted for presentation to American Academy of Orthopaedic Surgeons (AAOS) 2019 Annual Meeting, March 2019, Las Vegas, NV.
5. Traven, S.A. \*, **Brinton, D.**, Herzog, L.N., Walton, Z.J., Leddy, L.R. Limb salvage is associated with improved survivorship in upper and lower extremity osteosarcoma. Abstract submitted for presentation to American Academy of Orthopaedic Surgeons (AAOS) 2019 Annual Meeting, March 2019, Las Vegas, NV.
6. Traven, S.A. \*, **Brinton, D.L.**, Walton, Z.J., Leddy, L.R. Limb salvage is associated with improved survivorship in upper and lower extremity osteosarcoma. Selected for podium presentation to The Society of Military Orthopaedic Surgeons (SOMOS) 60<sup>th</sup> Annual Meeting, December 2018, Keystone, CO.
7. Traven, S.A. \*, **Brinton, D.L.**, Walton, Z.J., Leddy, L.R. The effect of limb salvage vs. amputation on osteosarcoma survivorship: A propensity-score matched analysis. Selected for podium presentation to The Society of Military Orthopaedic Surgeons (SOMOS) 60<sup>th</sup> Annual Meeting, December 2018, Keystone, CO.
8. Traven, S.A. \*, **Brinton, D.**, Simpson, K., Adkins, Z., Althoff, A., Palsis, J.A., Ashford, W., & Slone, H. Shoulder injection prior to rotator cuff repair is associated with increased risk of subsequent surgery. Podium presentation to The American Orthopaedic Society for Sports Medicine (AOSSM) 2018 Annual Meeting, July 2018, San Diego, CA.
9. Traven, S.A. \*, **Brinton, D.L.**, Herzog, L.N., Walton, Z.J., Leddy, L.R. The effect of limb salvage vs. amputation on osteosarcoma survivorship: A propensity-score matched analysis. Podium presentation to the MUSC Department of Orthopaedics' 2018 Annual Siegling Society Research Day, June 2018, Charleston, SC.
10. Gordon, E., Li, X., **Brinton, D.**, Friedman, R., Greenhouse, A., Eichinger, J. Racial disparities in total shoulder arthroplasty utilization. Podium presentation to American Academy of Orthopaedic Surgeons (AAOS) 2018 Annual Meeting, March 2018, New Orleans, LA.
11. Traven, S.A. \*, **Brinton, D.**, Simpson, K., Adkins, Z., Althoff, A., Palsis, J.A., Ashford, W., & Slone, H. Shoulder injection prior to rotator cuff repair is associated with increased risk of subsequent surgery. Podium presentation to American Academy of Orthopaedic Surgeons (AAOS) 2018 Annual Meeting, March 2018, New Orleans, LA.  

<b>Award</b>	Ruth Jackson Orthopaedic Society (RJOS) Resident Research Award
<b>Published Abstract</b>	Traven, S.A., <b>Brinton, D.</b> , Simpson, K., Adkins, Z., Althoff, A., Palsis, J.A., Ashford, W., & Slone, H. (2018). Preoperative Shoulder Injections are Associated with Increased Risk of Subsequent Revision Rotator Cuff Repair. <i>Orthop J Sports Med</i> , 6(3_suppl). doi:10.1177/2325967118S00006
12. **Brinton, D.L.** (presenting author), Simpson, A.N., Andrews, A.L. How sensitive are study findings to changes in enrollment definitions in Medicaid data? Podium presentation to the 12<sup>th</sup> International Conference on Health Policy Statistics (American Statistical Association), January 2018, Charleston, SC.

13. Simpson, K.N., **Brinton, D.L.**, Simpson, A.N. Issues in using EMR data for severity adjustment: Baseline SOFA scores in the ICU. Podium presentation to the 12<sup>th</sup> International Conference on Health Policy Statistics (American Statistical Association), January 2018, Charleston, SC.
14. **Brinton, D.L.** (presenting author), Simpson, A.N., Fominaya, C.E. & LaRue, A.C. Impact of selective serotonin reuptake inhibitors (SSRIs) on bone health in the Veteran population: 10 year clinical outcomes. Oral presentation to the Perry V. Halushka MUSC Student Research Day, November 2016, Charleston, SC.  
**Awards:** 1<sup>st</sup> Place Winner—PhD IV Oral Presentation  
Interprofessional Collaboration Research Award—Oral Presentation Winner  
Charleston Research Institute (Ralph H. Johnson VAMC Student Research)—Honorable Mention
15. **Brinton, D.L.** Fee (Non-VA Care Coordination): Acceleration & Refinement. Oral & poster presented at the 2014 American College of Healthcare Executives (ACHE) Congress on Healthcare Leadership, March 2014, Chicago, IL.

### PEER-REVIEWED ABSTRACTS AND POSTERS

\*Indicates research resulting from a student or faculty member that was mentored

1. Traven, S.A. \*, **Brinton, D.L.**, Walton, Z.J., Leddy, L.R. Limb salvage is associated with improved survivorship in upper and lower extremity osteosarcoma. Poster presentation to the South Carolina Orthopaedic Association (SCOA) 2018 Annual Meeting, August 2018, Kiawah Island, SC.  
**Award:** First place in the poster presentation competition.
2. **Brinton, D.L.** (presenting author), Harvey, J., Simpson, A.N., Ford, D., Simpson, K.N. Issues in using EMR data for severity adjustment for quality improvement studies: Baseline SOFA scores in the ICU. Poster presentation to Academy Health's Annual Research Meeting, June 2018, Seattle, WA.
3. **Brinton, D.L.** (presenting author), Andrews, A.L., Simpson, A.N. How Sensitive Are HEDIS Measures to Enrollment Requirements Among Medicaid Pediatric Patients?. Poster presentation to Academy Health's Annual Research Meeting (Public Health Pre-Conference Interest Group), June 2018, Seattle, WA.
4. Eichinger, J.K., Greenhouse, A.R., Rao, M.V., Gordon, E.R., Li, X., **Brinton, D.**, Friedman, R.J. Racial disparities in total shoulder arthroplasty utilization. Poster presentation to American Orthopaedic Association 2018 Annual Meeting (AOA 2018), June 2018, Boston, MA.
5. Andrews, A.L., **Brinton, D.L.**, Simpson, A.N., Simpson, K.N. Assessing the rolling 3 month asthma medication ratio among publicly insured children with asthma. Poster presentation to Pediatric Academic Societies (PAS) Meeting, May 2018, Toronto, Canada.
6. Andrews, A.L., **Brinton, D.L.**, Simpson, K.N., Simpson, A.N. Assessing the 3 month asthma medication ratio among Medicaid insured children with asthma. Poster presentation to MUSC Translational Research Day, January 2018, Charleston, SC.
7. Eichinger, J.K., Greenhouse, A.R., Gordon, E.R., Li, X., **Brinton, D.**, Friedman, R.J. Racial disparities in total shoulder arthroplasty utilization. Poster presentation to American Shoulder and Elbow Surgeons 2017 Annual Meeting (ASES 2017), October 2017, New Orleans, LA.
8. Woolf, S., Simpson, K., **Brinton, D.**, & Salzer, G. Is there an association between core strength deficit and plantar fasciitis? Poster presentation to South Carolina Orthopaedic Association (SCOA) 2017 Annual



Meeting, August 2017, Kiawah Island, SC.

9. Shetty, A., **Brinton, D.**, Syn, W.K. Prevalence of obstructive sleep apnea among Veterans with Non-Alcoholic Fatty Liver Disease. Poster presentation to MUSC Digestive Disease Mini-Retreat, July 2017, Charleston, SC.
10. Andrews, A.L., **Brinton, D.L.**, Simpson, K.N., Simpson, A.N. Examination of a rolling asthma medication ratio among children with asthma. Poster presentation to Pediatric Hospital Medicine 2017, July 2017, Nashville, TN.
11. Traven, S. \*, **Brinton, D.**, Simpson, K., Adkins, Z., Althoff, A., Palsis, J. & Slone, H. Shoulder injection prior to rotator cuff repair is associated with increased risk of subsequent surgery. Abstract presented to Southern Orthopaedic Association's 34<sup>th</sup> Annual Meeting, June 2017, Hilton Head Island, SC.
12. **Brinton, D.L.** (presenting author), Simpson, A.N., Fominaya, C.E. & LaRue, A.C. Impact of selective serotonin reuptake inhibitors (SSRIs) on bone health in the Veteran population: 10 year clinical outcomes. Poster presentation to Academy Health's Annual Research Meeting, June 2017, New Orleans, LA.
13. Brown, E.A., **Brinton, D.L.**, Bradley-Gadsden, K., & Simpson, K.N. Burden of illness and avoidable costs for people hospitalized with systemic lupus erythematosus: Impact of inadequate access to primary care. Poster presentation to Academy Health's Annual Research Meeting, June 2017, New Orleans, LA.
14. Brown, E.A., **Brinton, D.L.**, Bradley-Gadsden, K., & Simpson, K.N. Access to quality care for people living with systemic lupus erythematosus: Use of ambulatory care sensitive conditions as a predictor of access. Poster presentation to Academy Health's Annual Research Meeting, June 2017, New Orleans, LA.
15. Traven, S. \*, **Brinton, D.**, Simpson, K., Adkins, Z., Althoff, A., Palsis, J. & Slone, H. Shoulder injection prior to rotator cuff repair is associated with increased risk of subsequent surgery. Abstract presented at SOMOS el Futura Conference, March 2017, Albany, NY.
16. Patel YA, McNeil RB, Williams CD, O'Leary M, Turner M, Gifford B, Feder R, Choi SS, Moylan CA, Haystead CM, Bashir MR, Glass LM, Benhammou JN, May FP, Lewis M, Pisegna JR, Shetty A, **Brinton D**, Syn WK, Provenzale D, Hunt CM. Development of a Risk Factor Assessment Tool to Characterize Non-Alcoholic Fatty Liver Disease (NAFLD) Phenotypes Utilizing the Veterans Health Administration (VHA) Database. Abstract presented to Digestive Disease Week (DDW 2017), May 2017, Chicago, IL.
17. Andrews, A.L., **Brinton, D.L.**, Simpson, K.N., Simpson, A.N. Stability of the asthma medication ratio over a year. Poster presentation to Darby Children's Research Institute & Pediatric Research Day, MUSC, March 2017, Charlson, SC.
18. Patel, Y.A., McNeil, R.B., Williams, C.D., O'Leary, M., Feder, R., Choi, S.S., Moylan, C.A., Haystead, C.M., Bashir, M.R., Glass, L.M., Benhammou, J.N., May, F.P., Lewis, M., Pisegna, J.R., Shetty, A., **Brinton, D.**, Syn, W., Provenzale, D., & Hunt, C.M. Development of a Risk Factor Assessment Tool to Characterize Non-Alcoholic Fatty Liver Disease (NAFLD) Phenotypes Utilizing the Veterans Health Administration (VHA) Database. Abstract presented to The American Association for the Study of Liver Diseases (AASLD) Liver Meeting, November 2016, Boston, MA.

## **NON-PEER REVIEWED INVITED LECTURES AND PRESENTATIONS**

1. (2019, January). SAS workshop on univariate statistics. Master of Science in Healthcare Informatics students, MUSC. Charleston, SC.
2. (2019, January). Missing Data Methods for “stepped-wedge” and Quality Improvement Study Bias Control: The SOFA score in Epic. Master of Science in Healthcare Informatics students, MUSC. Charleston, SC.
3. (2018, September). Methodological considerations for missing SOFA scores in retrospective EHR studies. Pulmonary Research Conference, MUSC. Charleston, SC.
4. (2018, March). Statistical process control charts, with an applied example of operating room turnover times. HAP-632: Quality Management of Healthcare Services, MUSC. Charleston, SC.
5. (2017, September). Academic writing skills for research, searching for peer reviewed papers, and using EndNote to aid one’s dissertation research. DHA-875: Comparative Effectiveness Research, MUSC. Charleston, SC.
6. (2017, February). Exploration of patient satisfaction using Hospital Compare data. HAP-632: Quality Management of Healthcare Services, MUSC. Charleston, SC.
7. (2017, January). A review of statistical theory. HIN-708: Applied Statistical and Research Methods, MUSC. Charleston, SC.
8. (2017, January). Research show and tell: Logistic Regression. HIN-708: Applied Statistical and Research Methods, MUSC. Charleston, SC.
9. (2016, September). Searching for peer reviewed papers and performing literature reviews. DHA-875: Comparative Effectiveness Research, MUSC. Charleston, SC.
10. (2016, April). Discriminant, Factor, and Cluster Analyses. Guest Lecture. HRS-820: Statistical Methods for Rehabilitation Science, MUSC. Charleston, SC.
11. (2016, February). Quasi-experimental and observational research designs. Guest Lecture. HRS-820: Statistical Methods for Rehabilitation Science, MUSC. Charleston, SC.
12. (2015, December). Strategic Analytics for Improvement and Learning (SAIL): How to understand and use the information for healthcare systems improvement. Invited Lecture. Administrative Officers Bootcamp, Ralph H. Johnson VA Medical Center. Charleston, SC.
13. (2015, December). Leveraging statistics in Microsoft Excel: A primer for Administrative Officers. Invited Lecture. Administrative Officers Bootcamp, Ralph H. Johnson VA Medical Center. Charleston, SC.
14. (2015, December). Fiscal glide path metrics: An examination of areas for improvement. Invited Presentation. Presentation to Executive Leadership, Ralph H. Johnson VA Medical Center. Charleston, SC.
15. (2014, March). Non-VA Purchased Care Program (FEE): Acceleration and refinement. Poster Presentation. GHATP Poster Session, American College of Healthcare Executives’ Congress on Healthcare Leadership. Chicago, IL.

16. (2013, October). An introduction to SAIL: Strategic Analytics for Improvement and Learning (SAIL) and leveraging the SAIL model to assess Registered Nurse turnover. Invited Presentation. Nursing Leadership Strategic Planning Retreat, Ralph H. Johnson VA Medical Center, Charleston, SC.