

Lectures and Presentations – Identify the name and location of the meeting/ conference. List presentations under the following headings:

1. Gebregziabher M and Lawson A, Bayesian Biostatistics. Summer Institute, DBE-MUSC, Charleston, SC, May 10-11,2012.
2. Gebregziabher M, Zhou Y, Axon N, Hunt K, Egede LE. Shared Parameter models for longitudinal multiple source cost data. (The Eastern North American Region of the International Biometric Society Annual Meeting, ENAR 2012, Washington DC).
3. Gebregziabher M. Analysis of multivariate longitudinal cost data. CHDR grand rounds, MUSC, Charleston, SC. Feb 2012.
4. Gebregziabher M. Analysis of longitudinal biomedical data. Mekelle University, College of Health Sciences, Ethiopia, Dec 12/13/2011-12/19/2011. – Oral invited
5. Gebregziabher M, Church P, Teklehaimanot A, Mauldin P. Bayesian Analysis to determine Individual Characteristics for HIV/AIDS Testing in SubSaharan Africa. ICASA 2011, Addis Ababa, Ethiopia, Dec 4-8.
6. Gebregziabher M. Identifying Subgroups Using Categorical Features Data: An Application to Autism Spectrum Disorder. School of public Health at Addis Ababa University, Addis Ababa, Ethiopia (March 10, 2011). **Invited**
7. Gebregziabher M. Discovering phenotypes using DPM and LCM: Harnessing the power of registry data. 20th Annual Conference of the Ethiopian Statistical Association, Addis Ababa, Ethiopia (Feb 25-26, 2011). **Invited**.
8. Gebregziabher M Egede LE, et al . Using Quantile Regression to investigate racial disparities in medication non-adherence. HSR&D Grand Rounds. Charleston, SC, Oct 4, 2010. **Invited**.
9. Gebregziabher M and Lawson A, Bayesian Biostatistics. Summer Institute, DBE-MUSC, Charleston, SC, May 3-4, 2011
10. Gebregziabher M, A polytomous conditional likelihood approach for combining matched and unmatched case-control studies. ENAR 2010, New Orleans, LA, March 24-28. **Invited**
11. Gebregziabher M. A latent class based multiple imputation approach for missing categorical data. Dept of Biostatistics and Epidemiology, USC, Columbia, SC, March 17, 2010. **Invited**
12. Gebregziabher M. Latent class based multiple imputation. Div of Biostatistics and Epidemiology, MUSC, Charleston, SC, Feb 22, 2010. **Tea time for Science**
13. Gebregziabher M, A polytomous conditional likelihood approach for combining matched and unmatched case-control studies. HCC-MUSC annual retreat, Charleston, SC, Nov 20.
14. Gebregziabher M, A polytomous conditional likelihood approach for combining matched and unmatched case-control studies. DOM-MUSC, Charleston, SC, Dec 10.
15. Gebregziabher M. Interprofessional Team Practices, Attitudes and Educational Experiences of Medical University Faculty. IPE-MUSC, Charleston, SC. Dec 4, 2009.
16. Gebregziabher M. Interprofessional Team Practices (Experience sharing). IPE-MUSC, Charleston, SC. March 7, 2010. **Invited**
17. Gebregziabher M. A Robust method for Dealing with Missing Categorical Data. VA-HSRD, 2009, Charleston, SC, November 9. **Invited**
18. Gebregziabher M and DeSantis S. A latent class based multiple imputation approach for missing categorical data. JSM 2009, Washington DC, August 1-6.
19. Gebregziabher M, Gumarease P, Conti D and Cozen W (2007). A polytomous conditional likelihood approach for combining matched and unmatched case-control studies. InterLymph 2009, Vancouver, Canada, July 18-22. **Invited**
20. Gebregziabher M. Some issues in the analysis of longitudinal data. HSRD grand rounds. MUSC Center for Health Disparity Research. Charleston, SC; Oct 6, 2008. **Invited**

21. Gebregziabher M. Applications of the poly-k statistical test to life-time cancer bioassay studies, University of Southern California, March 26, 2008, Los Angeles, CA. **Invited**
22. Gebregziabher M. Applications of the poly-k statistical test to life-time cancer bioassay studies, ENAR, March 18, 2008, Arlington, VA.
23. Gebregziabher M. A latent group approach for combining matched and unmatched case-control studies, JSM, Salt Lake City Utah, August 10, 2007.
24. Gebregziabher M. A latent group approach for combining matched and unmatched case-control studies, ENAR, Atlanta GA, February 10, 2007.
25. Gebregziabher M. Measuring association in prevalence studies: odds ratio versus prevalence ratio, EPI Journal Club, DBE, MUSC, February 16, 2007.
26. Gebregziabher M. A combined analysis of matched and unmatched case-control studies: a latent group approach, Dep't of Biostat, Bioinfo and Epi, Medical Univ. South Carolina
27. Gebregziabher M. A Missing data induced Approach to the analysis of missing covariate data in individually matched case-control studies, Division of Biostatistics, Keck School of Medicine, USC, in December 2005.
28. Gebregziabher M. Methods for the analysis of missing covariate data in individually matched case-control studies, Joint Statistical Meeting in August 2005, Minneapolis, Minnesota.
29. Gebregziabher M. Bias and efficiency comparisons of missing covariate data methods in individually matched case-control studies, WNAR 2004, Albuquerque, NM
30. Gebregziabher M. Cox regression with partially missing covariate measurements, USC Division of Biostatistics Graduate Student Seminar, 2004
31. Gebregziabher M. Application of the missing indicator method to analyze case control data with non-response, USC Division of Biostatistics Graduate Student Seminar, 2003

Posters

1. Gebregziabher M, Lynch CP, Mueller M, Gilbert GE, Echols C, Zhao Y, Egede LE. Using quantile regression to investigate racial disparities in medication non-adherence (HSR&D 2011, Baltimore, MD).
2. Gebregziabher M, Desantis S, Palesch Y. Sensitivity analysis for modeling nonignorable missingness in randomized controlled trials. Poster Presentation at the 9th International Conference on Health Policy Statistics, October 5-7, 2011 in Cleveland, Ohio.
3. Gebregziabher M. Fitting parametric random effects models to very large data sets: case of VHA national data. Very Large Data Sets Conference, Baltimore, May 31-June 4.
4. Gebregziabher M. Dealing with missing race data: An empirical investigation of imputation techniques. Invited Poster Presentation at the Health Sciences Research and Development National meeting, National Harbor, MD (Feb 16, 2011)
5. Gebregziabher M. Using Quantile Regression to investigate racial disparities in medication non-adherence. VA-HSRD Equity Conference. Boston, MA, Sept 14, 2010
6. Gebregziabher M (2009). Estimation of Disease-Exposure Association by Combining Matched and Unmatched Case-Control Studies. Annual DoM Research Retreat 2009, Charleston, SC, Dec 2009.
7. Gebregziabher M (2009). Estimation of Disease-Exposure Association by Combining Matched and Unmatched Case-Control Studies. 9th Annual Scientific Research Retreat 2009, Charleston, SC, Nov 09.
8. Gebregziabher M, Gumarease P, Conti D and Cozen W (2009). A polytomous conditional likelihood approach for combining matched and unmatched case-control studies. InterLymph 2009, Vancouver, Canada, July 18-22.
9. Wendy Cozen, Tiem-Yen Liang, David V. Conti, Mulugeta Gebregziabher, Leslie Bernstein, Ann Mohrbacher, Sophia Wang, Patricia Hartge and Otoniel Martinez-Maza. Atopic Conditions and the Risk of Plasma Cell Tumors: A Population-Based Case-Control Study. InterLymph 2009, Vancouver, Canada, July 18-22.

10. Gebregziabher M and DeSantis S. Class-based multiple imputation of missing genotypic data: an application to multiple myeloma. 8th Annual Scientific Research Retreat of Hollings Cancer Center. Dec 5, 2008. Charleston, SC.
11. Key JD, Marsh LD, Gebregziabher M, and O'Rourke KM. Prevention of subsequent births to teens with a school-based intervention. MUSC Children's hospital, Charleston, South Carolina, March, 2008.
12. Key JD, Marsh LD, Gebregziabher M, and O'Rourke KM. Prevention of subsequent births to teens with a school-based intervention. Pediatric Academic Societies, Toronto Canada, May, 2007.
13. Gebregziabher M. and Langholz B. Bias and efficiency comparisons of missing covariate data methods in individually matched case-control studies. Keck School of Medicine, 2005.
14. Gebregziabher M and Cozen W. Descriptive epidemiology of multiple myeloma in Los Angeles County, 1972-99. Second NCI/ NIH understudied cancers workshop. Boston, MA, Sept 11-13,2005.
15. Gebregziabher M. and Langholz B. Bias and efficiency comparisons of missing covariate data methods in individually matched case-control studies. Keck School of Medicine; Norris Research Hospital 2004.

Abstracts (Selected from over 40)

1. Gebregziabher M, Zhao Y, Axon N, Hunt K, Egede LE. Shared Parameter models for longitudinal multiple source cost data. (The Eastern North American Region of the International Biometric Society Annual Meeting, ENAR 2012, Washington DC).
2. Gebregziabher M, Lynch CP, Mueller M, Gilbert GE, Echols C, Zhao Y, Egede LE. Using quantile regression to investigate racial disparities in medication non-adherence (HSR&D 2011, Baltimore, MD).
3. Gebregziabher M, Desantis S, Palesch Y. Sensitivity analysis for modeling nonignorable missingness in randomized controlled trials. Poster Presentation at the 9th International Conference on Health Policy Statistics, October 5-7, 2011 in Cleveland, Ohio.
4. Gebregziabher M, Church P, Teklehaimanot A, Mauldin P. Bayesian Analysis to determine Individual Characteristics for HIV/AIDS Testing in Sub-Saharan Africa. ICASA2011, Addis Ababa, Ethiopia, Dec 4-8.
5. Gebregziabher M. Analysis of multivariate longitudinal cost data. CHDR grand rounds, MUSC, Charleston, SC. Feb 2012.
6. Dismuke L, Echols CG, Gebregziabher M, Egede L. Racial/Ethnic Disparities in Access to VA Services as a Pathway to Mortality Differentials among Veterans Diagnosed with TBI (MUSC Dept of Medicine Research Day, Nov 2011).
7. Dismuke L, Echols CG, Gebregziabher M, Egede L. Racial/Ethnic Disparities in Access to VA Services as a Pathway to Mortality Differentials among Veterans Diagnosed with TBI. Frontiers 13th Annual Frontiers in Neuroscience Research Day Neurodegenerative Disorders, March 30, 2012, Seabrook Island, SC
8. Vaden KI Jr, Gebregziabher M, Kuchinsky SE, Eckert MA. New Toolkit for Multiple Imputation on Group Level fMRI Statistics, Frontiers 13th Annual Frontiers in Neuroscience Research Day Neurodegenerative Disorders, March 30, 2012, Seabrook Island, SC
9. Rosenthal PA, Massoglia DP, Lundy K, Gebregziabher M, Gilbert G. Under Our Noses: A Reformulation of our understanding of Incidental Paranasal Sinusitis and Its Application in Interpreting Routine Sinus Imaging, ARRS annual meeting 2012, Vancouver, Canada
10. Rosenthal PA, Massoglia DP, Lundy K, Gebregziabher M, Gilbert G. Maxillary Sinus Pseudocysts - The "Missing Link" of Sinusitis? ARRS annual meeting 2012, Vancouver, Canada
11. Church P, Gebregziabher M, Teklehaimanot A, Mauldin P. Risk Factors for HIV/AIDS Infection in Sub-Saharan Africa: A Bayesian Analysis. ICASA 2011, Addis Ababa, Ethiopia, Dec 4-8.
12. Rand KA, Conti DV, Haiman CA, Van Den Berg DJ, Birmann BM, De Roos AJ, Severson RK, Edlund CK, Gebregziabher M, Cozen W. Risk loci in the 8q24 region and the risk of Multiple Myeloma.

13. Lynch C, Gebregziabher M, Hunt K, Echols GC, Gilbert G, Egede LE. Impact of Medical and Psychiatric Comorbidity Burden and Mortality in Veterans with Type 2 Diabetes, Society of General Internal Medicine 2012, Orlando, FL
14. Lynch C, Gebregziabher M, Hunt K, Echols GC, Gilbert G, Egede LE Impact of Long-Term Medication Non-Adherence on Mortality Differs by Race/Ethnicity among Veterans with Diabetes, HSRD&D/QUERI National Conference 2012, Maryland
15. Hunt K, Gebregziabher M, Lynch C, Echols GC, Egede LE Differential Impact of Poorly Controlled Diabetes on Mortality by Race/Ethnicity and Medication Status in a National Cohort of Veterans with Diabetes, HSRD&D/QUERI National Conference 2012, Maryland
16. Gebregziabher M, Zhou Y, Axon N, Hunt K, Egede LE. Jointly Modeling of Multiple Cost Outcomes Using Multivariate Generalized Linear Mixed Models, HSRD&D/QUERI National Conference 2012, Maryland
17. Rand KA, Conti DV, Gebregziabher M, Van Den Berg DJ, Haiman C¹, Hartge P, Rothman N, Mohrbacher A, Morton LM, Wang S, Cozen W. Polymorphisms in DNA Repair Genes and Risk of Multiple Myeloma . InterLymph June 2011, Italy.
18. Gebregziabher M. Fitting parametric random effects models to very large data sets: case of VHA national data. Very Large Data Sets Conference, Baltimore, May 31-June 4.
19. Gebregziabher M. Dealing with missing race data: An empirical investigation of imputation techniques. Invited Poster Presentation at the Health Sciences Research and Development National meeting, National Harbor, MD (Feb 16, 2011)
20. Gebregziabher M. Using Quantile Regression to investigate racial disparities in medication non-adherence. VA-HSRD Equity Conference. Boston, MA, Sept 14,2010
21. Gebregziabher M, Gumarease P, Conti D and Cozen W (2010). **A polytomous conditional likelihood approach for combining matched and unmatched case-control studies**. ENAR 2010, New Orleans, LA, March 24, 2010.
22. Gebregziabher M and DeSantis S. **A latent class based multiple imputation approach for missing categorical data**. JSM 2009, Washington DC, August 1-6.
23. Wendy Cozen, Tiem-Yen Liang, David V. Conti, Mulugeta Gebregziabher, Leslie Bernstein, Ann Mohrbacher, Sophia Wang, Patricia Hartge and Otoniel Martinez-Maza. **Atopic Conditions and the Risk of Plasma Cell Tumors: A Population-Based Case-Control Study**. American Society of Hematology, 51st Annual Meeting, New Orleans, LA, Dec 5-8,2009.
24. Gebregziabher M, Gumarease P, Conti D and Cozen W (2010). **A polytomous conditional likelihood approach for combining matched and unmatched case-control studies**. InterLymph 2009, Vancouver, Canada, July 18-22.
25. N. F. Esnaola, Gebregziabher M, K. C. Finney, M. Ford (2009). **Underuse of surgical resection in patients with nonmetastatic colorectal cancer: location, location, location**. American Surgical Association, 129th annual meeting, April 23, 2009, Indian Wells, CA.
26. Egede LE, Mueller M, Echols CL, Gebregziabher M. (2009). **Longitudinal Differences in Glycemic Control by Race and Ethnicity among Veterans with Type 2 Diabetes**. VA HSR&D, Chicago, IL
27. Arnoldi EM, Ruzcis B, Lee Y, Gebregziabher M, P. Costello, U.J. Schoepf. **CT Detection of myocardial Blood Volume Deficits: Dual-Energy CT compared with Single Energy CT Spectra**, RSNA 2009, Chicago, IL.
28. Arnoldi EM, Ruzcis B, Lee Y, Gebregziabher M, P. Costello, U.J. Schoepf. **CT Detection of myocardial Blood Volume Deficits: Dual-Energy CT compared with Single Energy CT Spectra**, ESCR 2009, Leipzig, Austria.
29. Aho M, Gebregziabher M, P. Costello, U.J. Schoepf. **Does Contrast Media Injection Increase Heart Rate at Coronary CT Angiography?** RSNA 2009, Chicago, IL.

30. Ruzcis B, Arnoldi EM, Lee Y, Gebregziabher M, P. Costello, U.J. Schoepf. **Dual-Energy CT versus Cardiac MRI for Determining Myocardial Infarct Size**. RSNA 2009, Chicago, IL.
31. Armstrong A, Parker A, Gebregziabher M, P. Costello, U.J. Schoepf. **Coronary Atherosclerosis and Coronary Artery Disease in Patients with Obstructive Sleep Apnea: Assessment at Coronary CT Angiography**. RSNA 2009, Chicago, IL.
32. Armstrong A, Parker A, Gebregziabher M, P. Costello, U.J. Schoepf. **Coronary Atherosclerosis and Coronary Artery Disease in Patients with Obstructive Sleep Apnea: Assessment at Coronary CT Angiography**. NASCI 2009, Orlando, FL.
33. Armstrong A, Parker A, Gebregziabher M, P. Costello, U.J. Schoepf. **Acute Chest Pain CT in the Emergency Department: Is there a Role for Computer Aided Lung Nodule Detection in Triple Rule-Out Scans?** RSNA 2009, Chicago, IL.
34. Armstrong A, Parker A, Gebregziabher M, P. Costello, U.J. Schoepf. **Acute Chest Pain CT in the Emergency Department: Is there a Role for Computer Aided Lung Nodule Detection in Triple Rule-Out Scans?** NASCI 2009, Orlando, FL.
35. H.-R. Kim, C. Thilo, A. Flauaus, B. Ruzsics, H. Lee, J.A. Abro, M. Gebregziabher, T.J. Vogl, P. Costello, U.J. Schoepf: **Predictive value of stenosis severity and atherosclerotic plaque burden at coronary CT angiography for major adverse cardiac events (MACE)- population based outcome study** Accepted at the European Congress of Radiology (ECR) 2008, Vienna, Austria
36. Ruzcis B, H. Lee, P. Zwerner, M. Gebregziabher, P. Costello, U.J. Schoepf: **Coronary CTA and Myocardial Blood Pool Analysis Using Cardiac Dual-Energy CT: Initial Experience**. Accepted for E-poster presentation at the 57th Annual Meeting of ACC, 2008, Chicago, IL, USA
37. Ruzcis B, A. Parker, R. Brothers, M. Gebregziabher, P. Costello, U.J. Schoepf: **Biomarker Correlation with Cardiovascular CT Data** Accepted for Oral presentation at the Society of Thoracic Radiology (STR) Annual Meeting, 2008, Fort Myers, FL, USA
38. Ruzcis B, P. Suranyi, H. Lee, M. Gebregziabher, P. Zwerner, T. Flohr, P. Costello, U.J. Schoepf: **Dual-Energy CT of the heart – initial experience** Accepted for Oral presentation at the SCBTMR, 2008, Charleston, SC, USA **Winner of Houndsfield Award (1st place major award)**.