

CURRICULUM VITAE

NAME

Robert R. Moran, Ph.D., MBA, MHRT
Clinical/Instructional Associate Professor Biostatistics

ADDRESS

Residence: 1592 Spring Blossom Trail
Fort Mill, SC 29708
(803) 665-6741 mobile

Business: University of South Carolina
Arnold School of Public Health
915 Greene Street Room 451
Columbia, SC 29208
(803) 777-7876
(803) 777-2524 fax
rrmoran@mailbox.sc.edu

EDUCATION

Ph.D. – University of South Carolina, Columbia SC
Biostatistics
Dissertation title: Working & Analyzing Clinical Data in a
Family practice

M.B.A. – University of South Carolina, Columbia SC

M.H.R.T. – University of South Carolina, Columbia SC

B.A. – University of Richmond, Richmond VA
Mathematics

EMPLOYMENT

- 2013 – Present Clinical/Instructional Associate Professor
Graduate Director of Biostatistics
Department of Epidemiology & Biostatistics
Arnold School of Public Health, University of South
Carolina, Columbia, SC
- 2013 – 2018 Clinical/Instructional Assistant Professor
Graduate Director
Department of Epidemiology & Biostatistics
Center of Research in Nutrition and
Health Disparities
Arnold School of Public Health, University of South
Carolina, Columbia, SC
- 2007 – 2018 Director Data Support Services
Health Sciences Research Core
University of South Carolina
- 2007 – 2013 Clinical/Instructional Assistant Professor
Department of Epidemiology & Biostatistics
Center of Research in Nutrition and
Health Disparities
Arnold School of Public Health, University of South
Carolina, Columbia, SC
- 2003 – 2007 Research Associate, Center of Research in Nutrition and
Health Disparities
Arnold School of Public Health, University of South
Carolina, Columbia, SC
- 1998 – 2003 Research Associate, Department of Family & Preventive
Medicine
School of Medicine, University of South
Carolina, Columbia, SC

SUBMITTED (not Funded) GRANT RESEARCH

- 2018 Healthy Start Initiative: Eliminating Disparities in Perinatal Health
Effort 2%
PI- Jihong Liu
Grant Total \$440,472
\$86,064 Projected year 1
- 2016 Data Coordinating and Operations Center for ISPCTN
Subcontract with UNC Chapel Hill
Effort 20%
PI – Hrishikesh Chakraborty
Grant Total \$4,829,539
\$922,918 Projected year 1
CO-PI
- 2016 Public Health Research Completion Award Program for
Daffodil International University Masters of Public Health
Students
Effort 2%
PI – Hrishikesh Chakraborty
Grant Total \$252,500
\$50,500 Projected year 1
CO-PI
- 2015 Fragile X Data Coordinating and Services Center
NIH
Effort 15%
PI – Suzanne McDermott
Grant Total \$998,375
\$199,675 Projected year 1
CO-PI
- 2014 Pregnancy Intervention among Women with Physical
Disability CDC
Effort 10%
PI – Suzanne McDermott
Grant Total \$2,945,704
\$645,901 Projected year 1
CO-PI

- 2012 Decreasing hospital admissions from heart failure in home care setting by improving workforce skills in health coaching.
PCORI
Effort 20%
PI – Debra Krotish
Grant Total \$1,384,821
\$535,798 Projected year 1
CO-PI
- 2012 Implementation of enhanced Integrated PMTCT interventions to prevent Maternal to child HIV transmission in India
NIH
Epidemiology & Biostatistics
Effort 5%
PI – Hrishikesh Chakraborty
Grant Total \$659,834
\$343,276 Projected year 1
CO-PI
- 2012 Evaluation of long-term HIV treatment outcomes among HIV infected people
NIH
Epidemiology & Biostatistics
Effort 6%
PI – Hrishikesh Chakraborty
Grant Total \$419,462
\$136,335 Projected year 1
CO-PI
- 2011 Neighborhood Environment and Cardiovascular Risk in Youth with Diabetes
National Institutes of Health
Epidemiology & Biostatistics
Effort 5%
PI – Angela Dorothea Liese
Grant Total \$3,629,994
\$779,725 Projected year 1
Data Manager

- 2011 Social Network Analysis, Simulation, and Mining
Environment
National Institutes of Health
Physics & Astronomy
Effort 20%
PI – Joseph Johnson
Grant Total \$3,473,529
\$701,365 Projected year 1
Biostatistician/Data Manager
CO-PI
- 2011 Activity Injury Study in Men: Incidence & Risk Factors
National Institutes of Health
Exercise Science
Effort 25%
PI – Stacy L. Fritz
Grant Total \$3,225,890
\$686,545 Projected year 1
CO-PI
- 2011 RCT Planning with Communities and Obstetricians to
Prevent Early Childhood Caries
National Institutes of Health
Epidemiology & Biostatistics
Effort 5%
PI – Anwar Merchant
Grant Total \$489,287
\$250,000 Projected year 1
CO-PI
- 2010 Diabetes Prevention Program Outcome Study
National Institutes of Health
Epidemiology & Biostatistics
Effort 30%
PI – Robert R. Moran
Grant Total \$47,267
\$47,267 Projected year 1
PI

- 2010 Neighborhood Environment and Cardiovascular Risk in Youth with Diabetes
National Institutes of Health
Epidemiology & Biostatistics
Effort 5%
PI – Angela Liese
Grant Total \$3,572,711
\$769,923 Projected year 1
Biostatistician
- 2010 Physical Activity and HIV-Associated Cardiovascular Disease Risk - DCC
National Institutes of Health
Epidemiology & Biostatistics
Effort 20%
PI – Robert Moran
Grant Total \$507,232
\$145,234 Projected year 1
PI
- 2010 Air Pollution, Subclinical CVD and Inflammatory Markers in the SEARCH Cohort
National Institutes of Health
Epidemiology & Biostatistics
Effort 5%
PI – Robin Puett
Grant Total \$2,595,802
\$722,343 Projected year 1
Data Manager
- 2010 Internet Crimes against Children: Development of a Typology of Offenders for Prevention, Investigation and Treatment
US Department of Justice
Neuropsychiatry and Behavioral Science
Effort 20%
PI – Gregg Dwyer
CO-PI

- 2010 AIM – Activity Injury Study in Men: Incidence and Risk Factors
National Institutes of Health
Exercise Science
Effort 20%
PI – Stacy L Fritz
Grant Total \$3,016,681
\$638,045 Projected year 1
CO-PI
- 2010 A Social Network Analysis, Simulation, and Mining Environment (SNASAME)
National Institutes of Health
Nutrition Center
Effort 20%
PI – Joseph Johnson
Grant Total \$3,510,295
\$711,186 Projected year 1
Biostatistician
- 2010 Primary Care Physicians Role in Reducing African American Colorectal Cancer
National Institutes of Health NCMHD Health Disparities Research on Minority Health Services Policy and Management
Effort 5%
PI – Sudha Xirasagar
Grant Total \$785,811
\$213,745 Projected year 1
Biostatistician
- 2010 Reducing Cancer Disparities: Incident Cancer After Colonoscopies by Primary Care Doctors
National Cancer Institute (NCI)NIH
Health Services Policy and Management
Effort 30%
PI – Sudha Xirasagar
Grant Total \$319,050
\$329,050 Projected year 1
CO-PI

- 2010 A Pilot Translational Study to Prevent Diabetes in High
Risk Postpartum Women
NIH – NIDDK / NICHD / OBSSR
Epidemiology & Biostatistics
Effort 5%
PI – Jihong Liu & Sara Wilcox
Grant Total \$437,387
\$224,488 Projected year 1
Biostatistician
- 2009 Evaluation of a Self-directed, Packaged Physical Activity
Program for Adults with Arthritis
CDC/HHS
Effort 5%
PI – Sara Wilcox
Total award \$824,741
\$274,955 Projected Year 1
Biostatistician
- 2009 Integrated healthy Lifestyle consultation into core healthy
start home visiting program for low income overweight or
obese pregnant women
Pew Foundation
Epidemiology & Biostatistics
Effort 5%
PI – Jihong Liu
Grant Total \$125,000
\$80,363 Projected year 1
CO-PI
- 2009 A Pilot Translational Study to Prevent Diabetes in High
Risk Postpartum Women
NIH
Center for Research on Nutrition & Health Disparities
Effort 5%
PI – Jihong Liu
Grant Total \$437,387
\$224,488 Projected year 1
CO-PI

- 2009 Air Pollution, Subclinical CVD and Inflammatory Markers
in the SEARCH Cohort
NIH
Effort 5%
PI – Robin Puett
Grant Total \$2,242,026
\$589,514 Projected Year 1
Data Manager
- 2009 Telehealth Technologies to Improve Adherence to Diabetes
Care Guidelines
NIH
Epidemiology & Biostatistics
Effort 2.5%
PI – Richard Davis (UNC)
PI of Sub-Contract – Angela Hitch
Grant Total \$183,253
\$88,262 Projected year 1
Biostatistician
- 2009 Challenge Grant: STROke Database (Stroke Therapy
Rehabilitation Outcomes Database)
NIH - NIDDK
Center for Research on Nutrition & Health Disparities
Effort 20%
PI – Stacy L Fritz
Grant Total \$462,853
\$339,265 Projected year 1
CO-PI
- 2009 Administrative Supplement Spatial epidemiology of
Diabetes in the SEARCH for Diabetes in Youth Study
NIH - NIDDK
Center for Research on Nutrition & Health Disparities
Effort 5%
PI – Angela Liese
Grant Total \$194,741
\$97,406 Projected year 1
Biostatistician

- 2009 A Pilot Study to Prevent Gestational Diabetes in High
Risk African American Women
CDC
Center for Research on Nutrition & Health Disparities
Effort 5%
PI – Jihong Liu
Grant Total \$199,839
\$199,839 Projected year 1
Data Manager
- 2009 A Pilot Translational Study to Prevent Diabetes in High
Risk Postpartum Women
NIDDK/OBSSR
Center for Research on Nutrition & Health Disparities
Effort 5%
PI – Jihong Liu
Grant Total \$435,519
\$222,349 Projected year 1
Data Manager
- 2009 Summer Institute for Training in Biostatistics at
University of South Carolina
NIH
USC Department of Epidemiology & Biostatistics
Effort 20%
PI – Matteo Bottai
Grant Total \$777,612
\$259,271 Projected year 1
CO-PI
- 2008 Diabetes Prevention Program Outcomes Study (DPPOS)
Sub-Contract to George Washington University
NIH/NIDDK
Center for Research on Nutrition & Health Disparities
Effort 23%
Sub-Contract \$342,775
\$76,155 Projected year 1
PI of the Sub-Contract

- 2008 Lifestyle Intervention Among Women with a Recent
History of Gestational Diabetes
CDC
Center for Research on Nutrition & Health Disparities
Effort 8%
PI – Jihong Liu
Grant Total \$499,506
\$208,253 Projected year 1
Biostatistician
- 2006 Effects of Directed Self-monitoring of Weight by
Overweight and Mildly Obese Men for Weight Control and
Reduction of Risk of Type 2 Diabetes
Site: MUSC
NIH
PI – Patrick O’Neil
Sub-Contract \$35,698
\$15,471 Projected year 1
PI of the Sub-Contract
- 2006 Effects of Directed Self-monitoring of Weight by
Overweight and Mildly Obese Men
Site: MUSC
NIH/NIDDK – PAR-03-060
PI – Patrick O’Neil
Sub-Contract \$35,479
\$18,813 Projected year 1
PI of the Sub-Contract
- 2006 Weight Management of Obese Diabetic Patients in Routine
Clinical Practice
Site: Joslin Diabetes Center
NIH/NIDDK – RFA-HL-06-007
PI – Osama Hamdy
Sub-Contract \$40,916
\$17,673 Projected year 1
PI of the Sub-Contract

2006 Hispanic Community Health Study
Site: University of Washington, WA
NHLBI HC-06-01
PI – Alison Shaw
Sub-Contract \$2,657,741
\$467,019 Projected year 1
PI of the Sub-Contract

2006 Hispanic Community Health Study
Site: George Washington University
NHLBI HC-06-01
PI – Madeline Rice
Sub-Contract \$2,628,216
\$437,495 Projected year 1
PI of the Sub-Contract

2006 Hispanic Community Health Study
Site: RTI International
NHLBI HC-06-01
PI – Nabil El-Khorazaty
Sub-Contract \$2,657,741
\$467,019 Projected year 1
PI of the Sub-Contract

ACTIVE RESEARCH

none

COMPLETE RESEARCH

- 2013 Identification and location of Specific Variable/indicators within the VINCI data systems IPA-WJB Dorn VA
PI – Robert R. Moran
Grant Total \$9,000
PI
- 2011 Diabetes Prevention Program Outcome Study
George Washington University/NIH
Epidemiology & Biostatistics
Effort 20%
PI – Robert R. Moran
Grant Total \$149,344
\$74,672 Projected year 1
PI
- 2011 Internet Crimes against Children: Development of a Typology of Offenders for Prevention, Investigation and Treatment
US Department of Justice
Neuropsychiatry and Behavioral Science
Effort 25% (3 years)
CO-PI
- 2011 Diabetes Prevention Program Outcome Study
National Institutes of Health
Epidemiology & Biostatistics
Effort 30%
PI – Robert Moran
Grant Total \$47,267
PI

- 2010 SIP-09-028 Evaluation of a Self-directed, Packaged Physical Activity Program for Adults with Arthritis
National Center for Chronic Disease Prevention & Health Promotion (CDC)/HHS
Exercise Science
Effort 5%
PI – Sara Wilcox
Biostatistician
- 2010 Internet Crimes against Children: Development of a Typology of Offenders for Prevention, Investigation and Treatment
US Department of Justice
Neuropsychiatry and Behavioral Science
Effort 5%
PI – Gregg Dwyer
CO-PI
- 2010-2015 SEARCH for Diabetes in Youth Phase 3: South Carolina Site Registry Study
UNC Chapel Hill/NIH
Research Associate, Center for Research on Nutrition & Health Disparities
Effort 13%
PI – Anwar Merchant
Total award \$627,837
\$111,534 Projected year 1
Biostatistician
- 2010-2015 SEARCH for Diabetes in Youth Phase 3: South Carolina Site Cohort Study
UNC Chapel Hill/NIH
Research Associate, Center for Research on Nutrition & Health Disparities
Effort 5%
PI – Anwar Merchant
Total award \$527,272
\$97,955 Projected year 1
Biostatistician

- 2009 Effectiveness of an Educational Program to Promote Healthy Child Development and Early identification and Treatment of Developmental Delays
Duke Endowment
Effort 5%
PI – Robert McKeown
Total award \$119,486
\$67,907 Projected year 1
Biostatistician
- 2009 Internet Chat Room Solicitation of Children: A Study of Psychosocial and Criminal Justice Factors as They Relate to Public
USC – Internal Request
PI – Gregg Dwyer
Total award \$14,114
\$14,114 Projected year 1
CO-PI
- 2005 – 2010 SEARCH for Diabetes in Youth 2: South Carolina Site
CDC/DDT & NIH/NIDDK
Research Associate, Center for Research on Nutrition & Health Disparities
Effort 10%
Total award \$3,249,184
\$649,333 Projected year 10/1/2008 – 9/30/2009
Biostatistician
- 2003 – 2008 Diabetes Prevention Program Outcomes Study (DPPOS)
Sub-Contract to George Washington University
NIH/NIDDK
Research Associate, Center for Research on Nutrition & Health Disparities
Total award \$423,883
PI of the Sub-Contract
- 2002 – 2008 LOOKAHEAD Diet Assessment Center: Action of Health in Diabetes
Sub-Contract to Wake Forest University
NIH/NIDDK
Research Associate, Center for Research on Nutrition & Health Disparities
Total award \$588,898
PI of the Sub-Contract

- 2001 – 2005 SEARCH for Diabetes in Youth 1: South Carolina Site
CDC/DDT & NIH/NIDDK
Research Associate, Center for Research on Nutrition &
Health Disparities
Effort 30%
Total award \$3,139,553
- 2000 – 2003 Secondary Conditions Associated with Disabilities (SCAD)
Site: USC School of Medicine
CDC #9-0CCR418776
Research Associate/Data Manager, Department of Family
& Preventive Medicine, USC School of Medicine
Effort 100%
Total award \$1,050,000
Biostatistician
- 1998 – 2003 Health Education Learning Program (HELP)
Site: USC School of Medicine
CDC
Research Associate/Data Manager, Department of Family
& Preventive Medicine, USC School of Medicine
Effort 100%
Total award \$1,700,000
Biostatistician

TEACHING

Courses

Fall 2021	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Fall 2021	University of South Carolina Arnold School of Public Health Course Instructor BIOS 709 – Basic SAS Software
Fall 2021	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Fall 2021	University of South Carolina Arnold School of Public Health Course Instructor BIOS 719 – Advanced SAS Programming
Fall 2021	University of South Carolina Arnold School of Public Health Course Instructor BIOS 714 – Intro to Access Programming
Fall 2021	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Summer 2021	University of South Carolina Arnold School of Public Health Course Instructor BIOS J757 – Intermediate Biostatistics
Summer 2021	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics

Summer 2021	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Summer 2021	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Spring 2021	University of South Carolina Arnold School of Public Health Course Co-Instructor EPID 741 – Epidemiologic Methods I
Spring 2021	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Spring 2021	University of South Carolina Arnold School of Public Health Course Instructor BIOS J712 – Introduction to Stata Programming
Fall 2020	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Fall 2020	University of South Carolina Arnold School of Public Health Course Instructor BIOS 709 – Basic SAS Software
Fall 2020	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Fall 2020	University of South Carolina Arnold School of Public Health Course Instructor BIOS J719 – Advanced SAS Programming

Fall 2020	University of South Carolina Arnold School of Public Health Course Instructor BIOS 714 – Intro to Access Programming
Fall 2020	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Summer 2020	University of South Carolina Arnold School of Public Health Course Instructor BIOS J757 – Intermediate Biostatistics
Summer 2020	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Summer 2020	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Summer 2020	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Spring 2020	University of South Carolina Arnold School of Public Health Course Co-Instructor EPID 741 – Epidemiologic Methods I
Spring 2020	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software

Spring 2020	University of South Carolina Arnold School of Public Health Course Instructor BIOS J712 – Introduction to Stata Programming
Fall 2019	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Fall 2019	University of South Carolina Arnold School of Public Health Course Instructor BIOS 709 – Basic SAS Software
Fall 2019	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Fall 2019	University of South Carolina Arnold School of Public Health Course Instructor BIOS J711 – Intro to R programming
Fall 2019	University of South Carolina Arnold School of Public Health Course Instructor BIOS 714 – Intro to Access Programming
Fall 2019	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Fall 2019	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 (second section) – Introduction to Biostatistics
Summer 2019	University of South Carolina Arnold School of Public Health Course Instructor BIOS J757 – Intermediate Biostatistics

Summer 2019	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Summer 2019	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Summer 2019	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Spring 2019	University of South Carolina Arnold School of Public Health Course Co-Instructor EPID 741 – Epidemiologic Methods I
Spring 2019	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Fall 2018	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Fall 2018	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Fall 2018	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Fall 2018	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 (8 week session) – Introduction to Biostatistics

Summer 2018	University of South Carolina Arnold School of Public Health Course Instructor BIOS J757 – Intermediate Biostatistics
Summer 2018	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Summer 2018	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Summer 2018	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Spring 2018	University of South Carolina Arnold School of Public Health Course Co-Instructor EPID 741 – Epidemiologic Methods I
Spring 2018	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Fall 2017	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Fall 2017	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Fall 2017	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics

Summer 2017	University of South Carolina Arnold School of Public Health Course Instructor BIOS J757 – Intermediate Biostatistics
Summer 2017	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Summer 2017	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Summer 2017	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Spring 2017	University of South Carolina Arnold School of Public Health Course Co-Instructor EPID 741 – Epidemiologic Methods I
Spring 2017	University of South Carolina Arnold School of Public Health Instructor BIOS 745 – Masters Seminar
Spring 2017	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Fall 2016	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Fall 2016	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software

Fall 2016	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Fall 2016	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 (8 week session) – Introduction to Biostatistics
Summer 2016	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Summer 2016	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Summer 2016	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Spring 2016	University of South Carolina Arnold School of Public Health Course Co-Instructor EPID 741 – Epidemiologic Methods I
Spring 2016	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Spring 2016	University of South Carolina Arnold School of Public Health Instructor BIOS 745 – Masters Seminar
Fall 2015	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health

Fall 2015	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Fall 2015	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Summer 2015	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Summer 2015	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Summer 2015	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Spring 2015	University of South Carolina Arnold School of Public Health Course Co-Instructor EPID 741 – Epidemiologic Methods I
Fall 2014	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Fall 2014	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Fall 2014	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics

Fall 2014	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 (8 week session) – Introduction to Biostatistics
Summer 2014	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Spring 2014	University of South Carolina Arnold School of Public Health Course Co-Instructor EPID 741 – Epidemiologic Methods I
Fall 2013	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Fall 2013	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Fall 2013	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Summer 2013	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Spring 2013	University of South Carolina Arnold School of Public Health Course Co-Instructor EPID 741 – Epidemiologic Methods I
Fall 2012	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health

Fall 2012	University of South Carolina Arnold School of Public Health Course Instructor BIOS J709 – Basic SAS Software
Fall 2012	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Summer 2012	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Spring 2012	University of South Carolina Arnold School of Public Health Course Co-Instructor EPID 741 – Epidemiologic Methods I
Spring 2012	University of South Carolina Arnold School of Public Health Course Instructor BIOS J757 – Intermediate Biostatistics
Fall 2011	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Fall 2011	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Summer 2011	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Spring 2011	University of South Carolina Arnold School of Public Health Course Co-Instructor EPID 741 – Epidemiologic Methods I

Spring 2011	University of South Carolina Arnold School of Public Health Instructor BIOS 745 – Masters Seminar
Fall 2010	University of South Carolina Arnold School of Public Health Course Instructor BIOS 790 – Independent Study
Fall 2010	University of South Carolina Arnold School of Public Health Course Instructor BIOS 710 – Effective Data Management in Public Health
Fall 2010	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Summer 2010	University of South Carolina Arnold School of Public Health Course Instructor BIOS J710 – Effective Data Management in Public Health
Spring 2010	University of South Carolina Arnold School of Public Health Course Co-Instructor EPID 741 – Epidemiologic Methods I
Spring 2010	University of South Carolina Arnold School of Public Health Instructor BIOS 745 – Masters Seminar
Fall 2009	University of South Carolina Arnold School of Public Health Course Instructor BIOS 710 – Effective Data Management in Public Health
Fall 2009	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics

Spring 2009	University of South Carolina Arnold School of Public Health Course Co-Instructor EPID 741 – Epidemiologic Methods I
Spring 2009	University of South Carolina Arnold School of Public Health Instructor BIOS 845 – Doctoral Seminar
Spring 2009	University of South Carolina Arnold School of Public Health Instructor BIOS 890 – Independent Study
Fall 2008	University of South Carolina Arnold School of Public Health Course Instructor BIOS 710 – Effective Data Management in Public Health
Fall 2008	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Spring 2008	University of South Carolina Arnold School of Public Health Course Co-Instructor EPID 741 – Epidemiologic Methods I
Fall 2007	University of South Carolina Arnold School of Public Health Course Instructor BIOS 710 – Effective Data Management in Public Health
Fall 2007	University of South Carolina Arnold School of Public Health Course Instructor BIOS J700 – Introduction to Biostatistics
Spring 2007	University of South Carolina Arnold School of Public Health Course Co-Instructor EPID 741 – Epidemiologic Methods I

Fall 2006	University of South Carolina Arnold School of Public Health Course Instructor BIOS 710 – Effective Data Management in Public Health
Fall 1998	University of South Carolina, Department of Statistics Course Instructor STAT 110 – Introduction to Statistics

Committees - Dissertation

2020	HSPM	Ahmed Alhussain Affect of Lifestyle, Medical School Culture & Income.
2018	BIOS	Akhtar Hossain Dynamic Multiscale Joint Models
2017	HSPM	Shamika Martin The effect of out of Pocket Cost on Prescription Drug Adherence among Individuals with COPD
2016	EPID	Olewaole A Babatunde Racial disparities in breast cancer treatment in South Carolina
2014	HSPM	Chadwick Knight Health Problems among Army Recruiters
2013	EXSC	Robin Shook Resting metabolic rate among young adults
2013	HSPM	George Raul Audi Impact of Multi-Hospital System Organizational Structure
2012	EXSC	John Sieverdes Accelerometry & Physical Activity
2012	HSPM	Margarita Pate Healthcare Cost Implications of Medicaid Managed Care – A Nation-wide Study
2012	HSPM	Lisa Melvin A Profile of Diabetes-Related Lower Extremity Amputations Using Nation-wide Discharge Data: Patient, Provider, and Insurance Characteristics
2012	HSPM	Andre Melvin Is Optimum time to Coronary Artery Bypass Surgery Associated with Hospital Teaching Status and Payer Source?

2012	HSPM	Hasan Areabi Assessing Risk Factors, Mortality and Costs due to Ventilator-Acquired Pneumonia Among Mechanically Ventilated Patients
2011	BIOS	Andrew Ortaglia Quantile Regression
2011	HSPM	Vivian Dicks Congestive Heart Failure
2010	HSPM	Selena Hunt-McKinney Nurse Retention
2010	EPID	Eren Youmans HIV Infection in Incarcerated Women

Committees - Thesis

2021	EPID	Radhika Ranganathan Rural Urban Differences in Survival Among Patients With Early Onset Colorectal Cancer.
2020	BIOS	Huizhong Yang Bayesian Zero Inflation Model for Ordinal Data
2019	EPID	Tamara T Carree Tuberculosis in hospital settings
2019	EPID	Iffat Nahar Risk of adverse Neonatal outcomes of Pregnancies among Women with Physical Disabilities.
2018	BIOS	Steph-Yves Louis Randomization Driven Analysis Software
2018	EPID	Iffat Nahar Maternal Disability and Neonate Outcomes
2017	BIOS	Shanshan Hong Evaluation of Goodness-of-Fit Tests for the Cox Proportional Hazards Model with Time-Varying Covariates.
2016	BIOS	Rebecca Wardrop Regression Models for Count Data Based on the Double Poisson.
2016	BIOS	Xueyi Xing Spatio-Temporal Analysis of the Occupational Fatal Victimization of Law Enforcement Officers in the US.
2016	EPID	Charity B. Breneman Association of Individual- and Neighborhood-level Characteristics with Frequent Emergency Department Use among Patients with Diabetes: A Multilevel Analysis.

2016	EPID	Amanda Thomas Influence of Built Environment on Physical Activity Outcomes among African Americans in Community-Based Obesity Intervention Studies.
2014	EPID	Emily Haanschoten Effect of Primary Care Physician Density on Late Stage Cervical Cancer Diagnosis.
2014	EPID	Venessa Congdon Automated Identification of Diabetes: Code vs. Text
2012	EPID	Alysa Sampson Low Birth Weight & Preterm Delivery
2012	BIOS	Yang Gao Comparison of Intra Cluster Correlation Coefficient
2011	EPID	Tanishah Nellom Vitamin D & Colorectal Cancer
2011	BIOS	Rahnuma Hassan Physical Activity based on Accelerometry
2011	EPID	Shericka Harris Physical Activity During Pregnancy
2011	EPID	Sheena Cretella Depression & Anxiety with Hypertension
2010	EPID	Courtney Marzzoli Maternal Gestational Hypertension
2010	EPID	Wright Culpepper Sports Participation and Adolescent Obesity
2009	BIOS	Andrew Ortaglia Quantile Regression

Presentations

- March 26, 2010 GHS/USC Clinical Research 2009-2010 GME Training Series, What Do You Mean My Data's No Good? Working with Statisticians and Epidemiologists Before You Collect the Data.
- April 30, 2010 GHS/USC Clinical Research 2009-2010 GME Training Series, Workshop: Where Did I Put That? Collecting and Managing Data for a Research Project Workshop: I Need How Many? Understanding Sample Size and Power
- March 27, 2009 GHS/USC Clinical Research 2009-2010 GME Training Series, Data? What Data? Sources of Data: Potential and Pitfalls
- April 24, 2009 GHS/USC Clinical Research 2009-2010 GME Training Series, Can't I Just Do It In Excel? Determining the Appropriate Analysis for Data, Design, and Question. I need How Many? Understanding Sample Size & Power
- Fall 1998 Richland Memorial Hospital, Department of Family & Preventive Medicine
Secondary Conditions Associated with Disabilities

Seminars

- Spring 2011 Health Sciences Research Core, Short Course Series
Introduction to Stata
- Spring 2011 Health Sciences Research Core, Short Course Series
Advanced Stata
- Spring 2011 Health Sciences Research Core, Short Course Series
Introduction to EpiData
- Spring 2011 Health Sciences Research Core, Short Course Series
Power & Sample Size Estimation
- Spring 2011 Health Sciences Research Core, Short Course Series
Introduction to SAS
- Fall 2010 Health Sciences Research Core, Short Course Series
Introduction to SAS

Fall 2010	Health Sciences Research Core, Short Course Series Introduction to Stata
Fall 2010	Health Sciences Research Core, Short Course Series Advanced Stata
Fall 2010	Health Sciences Research Core, Short Course Series Power & Sample Size Estimation
Spring 2010	Health Sciences Research Core, Short Course Series Introduction to Stata
Spring 2010	Health Sciences Research Core, Short Course Series Advanced Stata
Spring 2010	Health Sciences Research Core, Short Course Series Introduction to EpiData
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Fall 2008	Health Sciences Research Core, Short Course Series Introduction to SAS
Fall 2008	Health Sciences Research Core, Short Course Series Introduction to Stata
Fall 2008	Health Sciences Research Core, Short Course Series Advanced Stata
Fall 2008	Health Sciences Research Core, Short Course Series Introduction to EpiData
Spring 2008	University of South Carolina, Department of Epidemiology & Biostatistics Introduction to EpiData

Posters

- 2019 Identifying Predictors of Racial Disparities among Black and Whites diagnosed with Breast Cancer in South Carolina. Babatunde, O.A., Adams, S.A, Eberth, J.M., Felder, T., Moran, R.R., Truman, S., Alvarado, C., Hebert, J.R. 2019
- 2017 Racial Disparities in Receipt of Adjuvant Hormonal Therapy among Patients diagnosed with Breast Cancer in South Carolina. Babatunde, O.A., Adams, S.A, Eberth, J.M., Felder, T., Moran, R.R., Sercy, E., Hebert, J.R. American Association for Cancer Research, Washington D.C. April 1-5, 2017
- 2017 Frequent Emergency Department Use among Adults with Diabetes. Breneman, C.B., Probst, J.C. Bennett, K.J., Merchant, A.T., Moran, R.R., Eberth, J.M. National Rural Health Association, San Diego, CA May 9-12, 2017
- 2012 Diabetic Ketoalkalosis (DKALK) concurrent diabetic ketoacidosis and sever metabolic alkalosis(MA): Case report with literature and research review. Huggins E, Chillag S, Rizvi A, **Moran R.** XXXI World Congress of Internal, Medicine, Santiago, Chile, Nov 11-15, 2012
- 2012 Diabetic ketoacidosis with concurrent metabolic alkalosis Diabetic ketoalkalosis. First pediatric reports. Huggins E, Chillag S, Rizvi A, **Moran R.** XXXI World Congress of Internal, Medicine, Santiago, Chile, Nov 11-15, 2012
- 2012 Diabetes-Related Lower Extremity Amputation (DRLEA): Payor and plan type matters for single-step vs. multi-step (incremental) amputations. Melvin, E., Xirasagar, S., **Moran R.**, Hutto, B., Melvin A. American Public Health Association, 140th Annual Meeting October 27 – 31, 2012, San Francisco

- 2012 Is the cost of care for Coronary Artery Bypass Graft (CABG) patients among Acute Myocardial Infarction patients associated with payer and plan type and time to CABG?
Melvin, A., Xirasagar, S., **Moran R.**, Hutto, B., Melvin E.
American Public Health Association, 140th Annual Meeting, October 27 – 31, 2012, San Francisco
- 2012 An examination of the association between excessive gestational weight gain and pregnancy-induced hypertension in women from South Carolina.
Liu J, M Torres, Moran R, Mazzoli C, Gallagher A.
The 25th Annual Meeting of the Society of Pediatric and Perinatal Epidemiologic Research, Minneapolis, MN, June 25-27, 2012.
- 2012 A. Physical activity during pregnancy and its association with gestational weight gain among South Carolina mothers.
Harris ST, Liu J, Wilcox S, Moran R, Gallagher
The 25th Annual Meeting of the Society of Pediatric and Perinatal Epidemiologic Research, Minneapolis, MN, June 25-27, 2012
- 2012 A Study on the Timing of Anxiety and Depression Diagnosis on Hypertensive in Pregnancy
Cretella, S., Jiu, J., McKeown, R., **Moran, R.**
The 25th Annual Meeting of the Society of Pediatric and Perinatal Epidemiologic Research, Minneapolis, MN, June 25-27, 2012
- 2011 RN Retention Strategies in Nursing Homes: A Two Factor Perspective
Hunt, S., Probst, J., Haddock, K., **Moran, R.**, Baker, S.,
Academy of Management, Employee Engagement in Healthcare, San Antonio, TX.
August 12-16, 2011
- 2011 Adverse drug events secondary to sulfamethoxazole/trimethoprim in HIV-infected hospitalized patients
Shamroe, C., Bookstaver, B., Rudisill, C., **Moran, R.**,
American College of Clinical Pharmacy Annual Meeting.
October 16-19, 2011

- 2002 Using Time and Geography to Identify Critical Exposure
Periods for the Birth of Infants with Mental Retardation,
Moran, R, MS, McDermott, S, PhD,
CDC Conference on Birth Defects, Developmental
Disabilities, and Disability and Health, Atlanta Georgia,
September 17, 2002.

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McDermott, S., **Moran, R.**, Platt, T., The Epidemiology of Common Health Conditions among Adults with Developmental Disabilities in Primary Care, Nova Biomedical, 2008.

Journal Articles:

Babatunde, O. A., Eberth, J. M., Felder, Tisha, Moran, R., Truman, S., Hebert, J.R., Zhang, J., Adams, S.A., Social Determinants of Racial Disparities in Breast Cancer Mortality Among Black and White Women. *Journal of Racial and Ethnic Health Disparities*. April 22, 2020

DeHart, D., Dwyer, G., Seto, M.C., **Moran, R.**, Letourneau, E., Schwarz-Watts, D., Internet Sexual Solicitation of Children: A Proposed Typology of Offenders Based on Their Chats, E-mails, and Social Network Posts. *Journal of Sexual Agression* (2016): 1-13.

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Wrighten, S., Al-Barwani, M., **Moran, R.**, McKee, G., Dwyer, G., Sexually Violent Predators and Civil Commitment: is Selection Evidence Based? *Psychiatry & Psychology*. 16:40, June 22, 2015

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Xueyi Xing, Cai, B, **Moran, R**, Ortaglia, A & Kaminski, R. J. (Under review). A spatio-temporal latent cluster analysis of the felonious homicides of law enforcement Officers in the U.S

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