

Roneé E. Wilson, Ph.D
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EDUCATION

Dec 2013 Doctor of Philosophy in Public Health
 University of South Florida, College of Public Health, Tampa, FL
 Department: Epidemiology & Biostatistics; Concentration: Epidemiology

Apr 2001 Master of Public Health
 Florida Agricultural & Mechanical University, Institute of Public Health, Tallahassee, FL
 Department: Epidemiology & Biostatistics; Concentration: Epidemiology

May 1999 Bachelor of Science
 Florida Agricultural & Mechanical University, College of Arts & Sciences, Tallahassee, FL
 Major: Biology/Pre-Medicine

CURRENT POSITION

Oct 2015 – Present Tenure-Track Assistant Professor
 Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida, Tampa, FL

- Instruct departmental courses as assigned by Department Chair
- Provide students with curriculum guidance and support
- Serve as evaluator for REACHUP/Central Hillsborough Healthy Start Program

PROFESSIONAL EXPERIENCE

Nov 2014 – Oct 2015 Research Assistant Professor
 Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida, Tampa, FL

- Provide students with curriculum guidance and support
- Instruct departmental courses as assigned by Department Chair
- Serve as evaluator for Central Hillsborough Healthy Start Program

Feb 2014 – Oct 2014 Postdoctoral Scholar
 Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida, Tampa, FL

- Provide research support for a federally funded community-based participatory research (CBPR) project.
- Prepare and submit manuscripts for publication.
- Facilitate partnerships and collaboration between university programs and community organizations.
- Supervise members of the research and evaluation team.

Aug 2012 – Feb 2014 Research Coordinator
 Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida, Tampa, FL

- Conducted analysis on multiple perinatal and reproductive health issues.
- Researched, prepared and submitted materials for government grant proposals.
- Established baseline prevalence rates, conducted epidemiologic analyses, developed educational prevention materials, and worked to improve referral-for-services.
- Ensured compliance of funded grant projects.
- Recruited, trained, and supervised new research team members.

Aug 2009 – Jul 2012 Research Coordinator
 Lawton and Rhea Chiles Center for Healthy Mothers and Babies, University of South Florida, Tampa, FL

- Provided oversight for recruitment of participants into a study related to environmental exposures, maternal depression and adverse birth outcomes.
- Implemented and maintained effective patient recruitment and retention techniques.
- Designed and developed data collection protocol and Access database.
- Provided on-going training for research assistants in recruitment methods, database applications, and data entry.
- Recruited, trained and supervised new research team members

Oct 2009 – Aug 2011

Graduate Research Assistant

College of Nursing, University of South Florida, Tampa, FL

- Conducted independent research as a National Institute of Health Diversity Supplement Recipient.
- Attained parental consent for a study related to maternal postpartum thyroid status and infant neuro-cognitive outcomes.
- Designed and developed data collection protocol and Access database.
- Obtained anthropometric measurements on infants between ages 3 to 6 months.
- Conducted assessments using the Bayley Scales of Infant and Toddler Development ®, Third Edition (Bayley-III®).
- Provided information to parents and caregivers regarding age appropriate milestones and infant skill building techniques.

Aug 2006 – May 2007

Graduate Teaching Assistant

College of Public Health, University of South Florida, Tampa, FL

- Instructed college-wide undergraduate courses (Introduction to Public Health).
- Prepared and presented relevant lecture material.
- Organized, administered, and graded assignments, quizzes and exams.
- Scheduled guest lecturers to share expert opinion on pertinent topics.
- Utilized Blackboard to manage grades and assignments.

Oct 2003 – Jul 2005

Environmental Epidemiologist

Okaloosa County Health Department, Fort Walton Beach, FL

- Coordinated investigative efforts between various branches within the health department.
- Analyzed morbidity and mortality data to assess the health of the community and issued recommendations for intervention and prevention activities.
- Provided consultation to community entities such as daycares, schools and assisted living facilities regarding disease prevention and control.
- Conducted case interviews and contact tracing.
- Rotated 24-hour on-call duty.

Oct 2003 – Jul 2005

Surveillance Section Epidemiologist

Bureau of Epidemiology, Florida Department of Health, Tallahassee, FL

- Ensured the surveillance and reporting of communicable disease in Florida per state and federal law.
- Analyzed surveillance data to identify trends and potential outbreaks.
- Provided guidance and support to the epidemiology programs throughout Florida's 67 counties.
- Responsible for testing the epidemiologic feasibility of new features and modules of Florida's statewide disease reporting system (Merlin ®) as a member of the design team.
- Rotated 24-hour on-call duty.

CONSULTING SERVICE

Mar 2009 – Dec 2009

Okaloosa County Health Department, Florida Department of Health

Collaborated with the area Healthy Start Program to compile a report on Best Practices to address maternal smoking before, during and after pregnancy. Co-authored county tobacco program grant and action plan. Proposed and subsequently coordinated activities for the county's Healthy Communities, Healthy People Program.

Feb 2006 – Jun 2006 Pinellas County Health Department, Florida Department of Health
Assisted with HIV Surveillance Section activities including conducting medical chart reviews in health and correctional facilities, screening death certificate data and searching STDMIS for additional case information.

PEER-REVIEWED PUBLICATIONS

Salihu HM, Adegoke KK, Das R, **Wilson RE**, Mazza J, Okoh JO, Naik E, Berry EL. Community-based fortified dietary intervention improved health outcomes among low-income African-American women. *Nutr Res*. 2016 Aug;36(8):771-9.

Salemi JL, Salinas-Miranda AA, **Wilson RE**, Salihu HM. Transformative Use of an Improved All-Payer Hospital Discharge Data Infrastructure for Community-Based Participatory Research: A Sustainability Pathway. *Health services research*. 2015. Aug;50 Suppl 1:1322-38.

Salihu HM, **Wilson RE**, King LM, Marty PJ, Whiteman VE. Socio-ecological Model as a Framework for Overcoming Barriers and Challenges in Randomized Control Trials in Minority and Underserved Communities. *International Journal of MCH and AIDS*. 2015; 3(1):85-95.

Wilson RE, Salihu HM, Groer MW, Dagne G, O'Rourke K, Mbah AK. Impact of maternal thyroperoxidase status on fetal brain and body size. *J Thyroid Res*. 2014; Epub 2014 Jan 29.

Mainolfi MB, Salihu HM, **Wilson RE**, Mbah AK. Low-level exposure to air pollution and risk of adverse birth outcomes in hillsborough county, Florida. *J Occup Environ Med*. 2013 May;55(5):490-4.

Mbah AK, Salihu HM, Dagne G, **Wilson RE**, Bruder K. Exposure to environmental tobacco smoke and risk of antenatal depression: application of latent variable modeling. *Arch Womens Ment Health*. 2013 Apr 25.

Salihu HM, Bowen CM, **Wilson RE**, Marty PJ. The impact of previous cesarean section on the success of future fetal programming pattern. *Arch Gynecol Obstet*. 2011 Aug;284(2):319-26. Epub 2010 Sep 7.

Aliyu MH, Lynch O, Nana PN, Alio AP, **Wilson RE**, Marty PJ, Zoorob R, Salihu HM. Alcohol Consumption During Pregnancy and Risk of Placental Abruption and Placenta Previa. *Matern Child Health J*. 2011 Jul;15(5):670-6.

Aliyu MH, Lynch O, **Wilson RE**, Alio AP, Kristensen S, Marty PJ, Whiteman VE, Salihu HM. Association between tobacco use in pregnancy and placenta-associated syndromes: a population-based study. *Arch Gynecol Obstet*. 2011 Apr;283(4):729-34. Epub 2010 Mar 31.

Aliyu MH, Luke S, **Wilson RE**, Saidu R, Alio AP, Salihu HM, Belogolovkin V. Obesity in older mothers, gestational weight gain, and risk estimates for preterm phenotypes. *Maturitas*. 2010 May;66(1):88-93. Epub 2010 Mar 21.

Aliyu MH, Salihu HM, Alio AP, **Wilson RE**, Chakrabarty S, Clayton HB. Prenatal smoking among adolescents and risk of fetal demise before and during labor. *J Pediatr Adolesc Gynecol*. 2010 Jun;23(3):129-35. Epub 2010 Feb 11

Salihu HM, Alio AP, Belogolovkin V, Aliyu MH, **Wilson RE**, Reddy UM, Bruder K, Whiteman VE. Prepregnancy Obesity and Risk of Stillbirth in Viable Twin Gestations. *Obesity (Silver Spring)*. 2010 Jan 7. [Epub ahead of print]

Aliyu MH, **Wilson RE**, Zoorob R, Brown K, Alio AP, Clayton H, Salihu HM. Prenatal alcohol consumption and fetal growth restriction: Potentiation effect by concomitant smoking. *Nicotine & Tobacco Research* 2009 11(1):36-43

Salihu HM, **Wilson RE**, Alio AP, Kirby RS. Advanced maternal age and risk of antepartum and intrapartum stillbirth. *J Obstet Gynaecol Res*. 2008 Oct;34(5):843-50.

Wilson RE, Alio AP, Kirby RS, Salihu HM. Young maternal age and risk of intrapartum stillbirth. *Arch Gynecol Obstet*. 2008 Sep;278(3):231-6.

Aliyu MH, **Wilson RE**, Zoorob R, Chakrabarty S, Alio AP, Kirby RS, Salihu HM. Alcohol consumption during pregnancy and the risk of early stillbirth among singletons. *Alcohol*. 2008 Aug;42(5):369-74.

Aliyu MH, Salihu HM, **Wilson RE**, Alio AP, Kirby RS. The risk of intrapartum stillbirth among smokers of advanced maternal age. *Arch Gynecol Obstet*. 2008 Jul;278(1):39-45.

Salihu HM, Alio AP, **Wilson RE**, Sharma PP, Kirby RS, Alexander GR. Obesity and extreme obesity: new insights into the black-white disparity in neonatal mortality. *Obstet Gynecol*. 2008 Jun;111(6):1410-6.

Salihu HM, **Wilson RE**. Epidemiology of prenatal smoking and perinatal outcomes. *Early Hum Dev*. 2007 Nov; 83(11):713-20.

Aliyu MH, Salihu HM, **Wilson RE**, Kirby RS. Prenatal smoking and risk of intrapartum stillbirth. *Arch Environ Occup Health*. 2007 Summer;62(2):87-92.

Wilson RE, Salihu HM. The paradox of obstetric "near misses": converting maternal mortality into morbidity. *Int J Fertil Womens Med.* 2007 Mar-Jun;52(2-3):121-7.

ABSTRACTS AND PRESENTATIONS

Louis-Jacques, A., Torres, J., Vamos, C., Marhefka S., Cain, M., **Wilson, R.** (2017) High-risk Pregnancy Support Group: Formative Work Toward Development of a Group-based Intervention. *Obstetrics & Gynecology*, 13B

Wilson RE, Salemi JL, Tackett H, Austin DA, Berry EL, Salihu HM. (2016, September) Creation of an Integrative Database System for a Federal Healthy Start Program: Insights and Challenges. Oral Presentation at Healthy Start Convention, Kansas City, Missouri.

Wilson RE, Berry EL, Salihu HM (2016, May) Ensuring Quality Data Collection. Oral Presentation at Healthy Start Regional Meeting, Tampa, Florida

Ayers-LaFave L & **Wilson RE** (2015, November). Introduction to Building an Organizational Culture of Quality Improvement. Oral presentation at the Healthy Start Convention, Washington, DC.

Salihu HM, **Wilson RE**, & Berry EL (2015, September). Best Practices in Evaluation using Virtual Analytics: The ongoing transformation of the Federal Healthy Start Program. Oral presentation at the 2015 CityMatCH Annual Urban MCH Leadership Conference.

Salihu HM, Diamond E, **Wilson R**, August EM, Mbah A, Whiteman V. (2013, February). Maternal pregnancy weight gain and the risk of placental abruption: A retrospective cohort study. Poster presentation at the Annual Meeting of the Society for Maternal-Fetal Medicine (SMFM), San Francisco, CA.

Aliyu, M., Alio, A., **Wilson, R.**, & Salihu, H. (2009, February). Maternal obesity and racial disparity in neonatal mortality, Missouri, 1978-1997, Los Angeles, CA.

Brown K, Moore A, **Wilson RE**, Aliyu MH, Zoorob R, Salihu HM. (2008, October). Bottles Up, Weight Down: The Relationship between Alcohol Consumption in Pregnancy and the Risk of Delivering a Small for Gestational Age Infant. 136th APHA Annual Meeting & Exposition, San Diego, CA

Aliyu MH, **Wilson RE**, Salihu HM, Zoorob R. (2008, May). Prenatal Alcohol Use, Cigarette Smoking and Risk of Small For Gestational Age Birth: A Retrospective Cohort Study. Meharry Medical College, Center for Women's Health Research, Research in Women's Health Poster Presentations, National Women's Health Week. Nashville, TN.

Zoorob R, Aliyu MH, **Wilson RE**, Chakrabarty S, Salihu HM. (2007, April). Alcohol Consumption during Pregnancy and the Risk of Early Stillbirth among Singletons. National Fetal Alcohol Spectrum Disorders Conference, Madison, WI.

TEACHING EXPERIENCE

Reproductive and Perinatal Epidemiology, (Instructor), Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida, Spring 2017.

Population Assessment I (Co-Instructor), College of Public Health, University of South Florida, Fall 2016

Reproductive and Perinatal Epidemiology (Instructor), Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida, Summer 2016.

Epidemiology Methods I (Instructor), Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida, Fall 2015 – Spring 2016

Reproductive and Perinatal Epidemiology (Instructor), Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida, Spring 2015.

Epidemiology Methods I (Instructor), Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida, Spring 2015.

Epidemiology Methods I (Instructor), Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida, Fall 2014.

Introduction to Public Health (Graduate Teaching Assistant), Undergraduate Program, College of Public Health, University of South Florida, Fall 2006-Spring 2007

Introduction to Epidemiology (Graduate Teaching Assistant), Department of Epidemiology and Biostatistics, College of Public Health, University of South Florida, Fall 2006.

RESEARCH FUNDING

Granting Institution: Health Resources and Services Administration/Maternal and Child Health Bureau
Wilson, RE

Title: Healthy Start Initiative-Eliminating Racial/Ethnic Disparities

Role: Site Principal Investigator (.20 FTE)

Amount: 10,000,000 US dollars Duration 2014-2019

Granting Institution: NIMHD

Title: Towards Eliminating Disparities in Maternal and Child Health Populations

Role: Postdoctoral Research Fellow (1.0 FTE)

Amount: varies Duration 2013-2014

Granting Institution: National Institutes of Health

Title: Impact of postpartum thyroid dysfunction on infant growth and neuro-cognitive outcomes

(Diversity Supplement to Influence of Lactation on Postpartum Stress and Immunity (R01, PI: Groer, Maureen))

Role: Principal Investigator of supplemental study (1.0 FTE)

Amount: 37,000 US dollars Duration 2009-2011

PROFESSIONAL AFFILIATIONS

2013 – Present Member, Florida Public Health Association

HONORS AND AWARDS

2013 McKnight Doctoral Fellowship

2005 Pride Fellowship, University of South Florida, Tampa, FL

TECHNICAL SKILLS

Proficient use of computer: Microsoft Office Package {Microsoft Word, Excel, PowerPoint, Access and Publisher}, SAS, SPSS and EPIC.