

# MAEVE WALLACE, PH.D., M.P.H.

## Curriculum Vitae

### GENERAL INFORMATION

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Current position: **Postdoctoral Fellow**

Epidemiology Branch | Division of Intramural Population Health Research  
*Eunice Kennedy Shriver* National Institute of Child Health and Human Development  
National Institutes of Health  
6100 Executive Blvd, 7B03C  
Rockville, MD 20852  
Tel: (301) 435-7597  
Email: maeve.wallace@nih.gov

### EDUCATION

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- 2013      **Ph.D., Reproductive and Perinatal Epidemiology**  
Tulane University Department of Epidemiology, New Orleans, LA  
Dissertation: *The Physical Burden of Inequity: Stress, Allostatic Load, and Racial Disparities in Birth Outcomes*
- 2008      **M.P.H., Maternal and Child Health Epidemiology**  
Tulane University Departments of Epidemiology and Community Health
- 2005      **B.S., Molecular and Cellular Biology**  
University of Arizona

### RESEARCH EXPERIENCE

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- 2013 – Present    **Intramural Research Training Award (IRTA) Postdoctoral Fellow**  
Epidemiology Branch | Division of Intramural Population Health Research  
*Eunice Kennedy Shriver* National Institute of Child Health and Human Development  
National Institutes of Health, Rockville, MD  
Mentor: Pauline Mendola, Ph.D.
- 2013      **Field Research Analyst**, Bogalusa Babies  
Tulane University Department of Epidemiology, New Orleans, LA
- 2011 – 2013      **Study Coordinator**, Resilience during Pregnancy among Adolescent Mothers  
Tulane University Department of Epidemiology, New Orleans, LA
- 2007 – 2012      **Graduate Research Assistant**, Markers of Aging during Pregnancy  
Tulane University Department of Epidemiology, New Orleans, LA

## PROFESSIONAL EXPERIENCE

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- 2009-2010      **Research and Evaluation Analyst**, STD/HIV/Hepatitis C Program  
Multnomah County Health Department, Portland, OR
- 2009            **Program Development Specialist**, STD/HIV/Hepatitis C Program  
Multnomah County Health Department, Portland, OR
- 2008            **Graduate Student Intern**, HRSA Maternal and Child Health Bureau  
Child Assessment and Treatment Center for Health  
City of Alexandria Health Department, Alexandria, VA

## PROFESSIONAL SOCIETIES

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- 2013 – Present    Society for Epidemiologic Research
- 2010 – Present    Society for Pediatric and Perinatal Epidemiologic Research

## EDITORIAL ACTIVITIES

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### Ad-Hoc Review

*American Journal of Epidemiology*  
*American Journal of Obstetrics and Gynecology*  
*Fertility and Sterility*  
*Maternal and Child Health Journal*  
*Paediatric and Perinatal Epidemiology*  
*Social Science and Medicine*

## HONORS AND AWARDS

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- 2014            Fellows Award for Research Excellence, National Institutes of Health
- 2013            Outstanding Dissertation Award, Delta Omega Honorary Society in Public Health
- 2013            Dorothy R. LeBlanc Memorial Scholarship, Tulane University Department of  
Epidemiology
- 2013            Award for Research in Women's Health and Sex Differences in Cardiovascular and  
Related Diseases, Building Interdisciplinary Research Careers in Women's Health  
(BIRCWH) Program, Tulane University
- 2010 – 2013    Pre-doctoral Training Grant in Global Reproductive Epidemiology, National  
Institutes of Health, Tulane University (T32 HD057780)
- 2007 – 2008    Maternal and Child Health Epidemiology Training Grant, HRSA/MCHB

- 2007 Maternal and Child Health Leadership Scholarship, Tulane University
- 2001 – 2005 Provost’s Four Year Scholarship, University of Arizona
- 2001 – 2005 President’s Award for Excellence, University of Arizona

## SERVICE

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- 2014 **Planning Committee member**, annual meeting of the American College of Epidemiology
- 2013 **Abstract reviewer**, Society for Epidemiologic Research
- 2013 **Abstract reviewer**, Society for Pediatric and Perinatal Epidemiologic Research
- 2007 **Poster judge**, 13<sup>th</sup> Annual Maternal and Child Health Epidemiology Conference

## PROFESSIONAL DEVELOPMENT

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- 2014 **Selected participant**, Translational Health Disparities Course  
National Institute on Minority Health and Health Disparities, Bethesda, MD
- 2012 **Pre-doctoral researcher**, the EDEN Mother-Child Cohort  
Institute National de la Sante et de la Recherche Medicale (INSERM), Paris, France

## PUBLICATIONS AND PRESENTATIONS

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### Peer-Reviewed Publications

1. **Wallace ME**, Harville EW, Theall K, Webber L, Chen W, Berenson, G. (2013) Neighborhood poverty, allostatic load, and birth outcomes in African American and White women: Findings from the Bogalusa Heart Study. *Health and Place*, doi: 10.1016/j.healthplace.2013.10.002.
2. **Wallace ME**, Harville EW, Theall K, Webber L, Chen W, Berenson, G. (2013). Preconception allostatic load and racial disparities in adverse birth outcomes: the Bogalusa Heart Study. *Paediatric and Perinatal Epidemiology*, doi: 10.1111/ppe.12091.
3. **Wallace ME**, Saurel-Cubizolles MJ. (2012) Returning to work one year after childbirth: data from the mother-child cohort EDEN. *Maternal and Child Health Journal*, doi:10.1007/s10995-012-1147-z.
4. **Wallace ME**, Harville EW. (2012). Allostatic load and birth outcomes among White and Black women in New Orleans. *Maternal and Child Health Journal*, doi: 10.1007/s10995-012-1083-y.

5. **Wallace ME**, Harville EW (2012). Predictors of healthy birth outcome in adolescents: a positive deviance approach. *Journal of Pediatric and Adolescent Gynecology*, doi: 10.1016/j.jpog.2012.05.010.

## Submitted Papers

1. **Wallace ME**, Mendola P, Chen Z, Hwang BS, Grantz KL. Preterm birth in the context of increasing income inequality. *Annals of Epidemiology*. (Under review)
2. **Wallace ME**, Mendola P, Grantz KL. The joint effects of structural racism and income inequality on small for gestational age birth. *American Journal of Public Health*. (Under review).
3. Mendola P, Männistö T, Liu D, Sundaram R, Leisher K, Robledo C, **Wallace ME**, Sherman S, Ying Q, Sun L, Grantz K. Air pollution and women with asthma – acute exposure in the days prior to delivery and preterm birth risk. *Lancet*. (Submitted).
4. Theall KP, Shah M, **Wallace ME**, Barcelona de Mendoza V. Racial residential segregation, quality of prenatal care, and adverse birth outcomes in the United States. *Maternal and Child Health Journal*. (Under review).
5. Solivan A, **Wallace ME**, Kaplan C, Harville E. Resilience during pregnancy among adolescent mothers. *Families, Systems, and Health*. (Under Review).

## Invited Talks and Seminars

1. The joint effects of structural racism and income inequality on small-for-gestational age birth. Oral presentation at the Tulane University School of Public Health and Tropical Medicine Epidemiology Department Seminar Series. October 2014, New Orleans, LA.
2. Preterm birth in the context of increasing income inequality. Oral presentation at the annual meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 2014, Seattle, WA.
3. Preconception allostatic load and racial disparities in adverse birth outcomes: findings from the Bogalusa Heart Study. Oral Presentation at the annual Meeting for the Society of Pediatric and Perinatal Epidemiologic Research, June 2013, Boston, MA.

## Poster Presentations

1. **Wallace ME**, Mendola P, Chen Z, Hwang BS, Grantz KL. Preterm birth in the context of increasing income inequality. National Institutes of Health Research Festival, September 22-24, Bethesda, MD.
2. Theall KP, Shah M, **Wallace ME**, Barcelona de Mendoza V. Racial Residential Segregation, Quality of Prenatal Care, and Adverse Birth Outcomes in the United States. Annual Maternal and Child Health Epidemiology Conference, September 17-19, 2014, Phoenix, AZ.
3. **Wallace ME**, Mendola P, Grantz KL. The joint effects of structural racism and income inequality on small for gestational age birth. Annual meeting of the American College of Epidemiology, September 8-9, 2014, Silver Spring, MD.
4. Mendola P, **Wallace ME**, Robledo C, Liu D, Männistö T, Grantz, K. Air pollution and preeclampsia risk among nulliparas in a large U.S. obstetric cohort, the Consortium on Safe Labor (2002-2008). Annual meeting of the American College of Epidemiology, Silver Spring, MD, September 8-9, 2014.
5. Mendola P, Robledo C, **Wallace ME**, Liu D, Männistö T, Grantz, K. Air pollution and preeclampsia risk in a large U.S. obstetric cohort, the Consortium on Safe Labor (2002-2008). Annual meeting of the International Society for Environmental Epidemiology, Seattle, WA, August 24-28, 2014.
6. Harville EW, Jacobs M, **Wallace ME**, Chen W, Myers L. Lifetime burden of cardiovascular health and birth outcomes: a Vital records linkage analysis with the Bogalusa Heart Study. Annual meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 23-24, 2014, Seattle, WA.
7. Harville EW, Myers L, Jacobs M, **Wallace ME**, Chen W. Pregnancy outcomes may be affected by lifetime health. Annual meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 23-24, 2014, Seattle, WA.
8. Theall KP, Shah M, **Wallace ME**, Barcelona de Mendoza V. Racial Residential Segregation, Quality of Prenatal Care, and Adverse Birth Outcomes in the United States. Annual meeting of the Society for Epidemiologic Research, June 24-27, 2014, Seattle, WA.
9. Kiely M, Robledo C, Backonja U, Flores K, **Wallace ME**. Reproductive health knowledge increases among African-American women undergoing a clinic-based intervention to reduce psychosocial risks but more can be done, Project DC-Hope. Annual meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 23-24, 2014, Seattle, WA.

10. Jacobs M, Harville EW, **Wallace ME**, Berenson G, Chen W. Preconception cardiovascular health, racial disparities, and Birth outcomes: a vital records linkage analysis with the Bogalusa heart study. Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 23-24, 2014, Seattle, WA.
11. **Wallace ME**, Harville EW, Viikari JSA, Raitakari OT. Preconception markers of inflammation and adverse reproductive outcomes. Annual meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 25-26, 2012, Minneapolis, MN.
12. **Wallace ME**, Harville EW. Allostatic load and birth outcomes among White and Black women in New Orleans. Annual meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 21-22, 2011, Montreal, Canada.
13. **Wallace ME**, Harville EW. Predictors of healthy birth outcomes among adolescents: a positive deviance approach. Annual meeting of the Society for Pediatric and Perinatal Epidemiologic Research, June 21-22, 2011, Montreal, Canada.

## TEACHING EXPERIENCE

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2011 – 2013	<b>Teaching assistant.</b> Epidemiologic Methods I, Tulane University Department of Epidemiology, New Orleans, LA
2011	<b>Teaching assistant.</b> Observational Epidemiology, Tulane University Department of Epidemiology, New Orleans, LA
2008	<b>Teaching assistant.</b> Introduction to Obstetrics and Gynecology, Tulane University Department of Community Health, New Orleans, LA

## SKILLS

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Software: SAS, SPSS, EpiInfo, Microsoft Office.