

Stanford



Stephanie A. Leonard

Instructor, Obstetrics & Gynecology - Maternal Fetal Medicine

CONTACT INFORMATION

- **Contact**

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Bio

BIO

I'm currently an Instructor (Epidemiology and Biostatistics) in the Division of Maternal-Fetal Medicine and Obstetrics. My work aims to improve health care, experiences, and outcomes for pregnant and postpartum individuals and their children. I'm particularly interested in applying novel epidemiologic methods to perinatal health and health systems research, with a focus on maternal morbidities and mortality, nutrition and weight, and health equity.

ACADEMIC APPOINTMENTS

- Instructor, Obstetrics & Gynecology - Maternal Fetal Medicine

HONORS AND AWARDS

- Ruth L. Kirschstein National Research Service Award Individual Postdoctoral Fellowship (F32HD091945), Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) (2017-2019)
- Postdoctoral Fellowship, Stanford Child Health Research Institute (CHRI) (2018-2019)

PROFESSIONAL EDUCATION

- PhD, University of California, Berkeley , Epidemiology (2017)
- MS, University of California, Los Angeles , Epidemiology (2014)
- BS, Cornell University , Human Biology, Health and Society (Minor in Global Health) (2010)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

The goal of my research is to improve the health of birthing persons, infants, and children, and advance equity in their care and outcomes. My specific interests include perinatal and nutritional epidemiology; maternal and child health and nutrition; health disparities; and applying novel epidemiological methods to perinatal health research

Publications

PUBLICATIONS

- **Risk of severe maternal morbidity in relation to prepregnancy body mass index: Roles of maternal co-morbidities and caesarean birth.** *Paediatric and perinatal epidemiology*
Leonard, S. A., Carmichael, S. L., Main, E. K., Lyell, D. J., Abrams, B.
2019
- **The contribution of maternal characteristics and cesarean delivery to an increasing trend of severe maternal morbidity.** *BMC pregnancy and childbirth*
Leonard, S. A., Main, E. K., Carmichael, S. L.
2019; 19 (1): 16
- **Racial and ethnic disparities in severe maternal morbidity prevalence and trends.** *Annals of epidemiology*
Leonard, S. A., Main, E. K., Scott, K. A., Profit, J., Carmichael, S. L.
2019
- **Maternal History of Child Abuse and Obesity Risk in Offspring: Mediation by Weight in Pregnancy.** *Childhood obesity*
Leonard, S. A., Petito, L. C., Rehkopf, D. H., Ritchie, L. D., Abrams, B.
2017
- **Weight gain during pregnancy and the black-white disparity in preterm birth.** *Annals of epidemiology*
Leonard, S. A., Petito, L. C., Stephansson, O., Hutcheon, J. A., Bodnar, L. M., Mujahid, M. S., Cheng, Y., Abrams, B.
2017; 27 (5): 323–28.e1
- **Trajectories of maternal weight from before pregnancy through postpartum and associations with childhood obesity.** *The American journal of clinical nutrition*
Leonard, S. A., Rasmussen, K. M., King, J. C., Abrams, B.
2017
- **Gestational Weight Gain-for-Gestational Age Z-Score Charts Applied across U.S. Populations.** *Paediatric and perinatal epidemiology*
Leonard, S. A., Hutcheon, J. A., Bodnar, L. M., Petito, L. C., Abrams, B.
2017
- **Weight gain in pregnancy and child weight status from birth to adulthood in the United States.** *Pediatric obesity*
Leonard, S. A., Petito, L. C., Rehkopf, D. H., Ritchie, L. D., Abrams, B.
2016
- **Prepregnancy Risk Factors for Preterm Birth and the Role of Maternal Nativity in a Low-Income, Hispanic Population** *MATERNAL AND CHILD HEALTH JOURNAL*
Leonard, S. A., Crespi, C. M., Gee, D. C., Zhu, Y., Whaley, S. E.
2015; 19 (10): 2295-2302
- **Associations Between Preterm Birth, Low Birth Weight, and Postpartum Health in a Predominantly Hispanic WIC Population** *JOURNAL OF NUTRITION EDUCATION AND BEHAVIOR*
Leonard, S. A., Gee, D., Zhu, Y., Crespi, C. M., Whaley, S. E.
2014; 46 (6): 499-505
- **Larger Infant Size at Birth Reduces the Negative Association between Maternal Prepregnancy Body Mass Index and Breastfeeding Duration** *JOURNAL OF NUTRITION*
Leonard, S. A., Rasmussen, K. M.
2011; 141 (4): 645-653
- **Associations between high prepregnancy body mass index, breast-milk expression, and breast-milk production and feeding** *AMERICAN JOURNAL OF CLINICAL NUTRITION*
Leonard, S. A., Labiner-Wolfe, J., Geraghty, S. R., Rasmussen, K. M.
2011; 93 (3): 556-563
- **Prenatal and postnatal inflammation-related risk factors for retinopathy of prematurity** *JOURNAL OF PERINATOLOGY*
Goldstein, G. P., Leonard, S. A., Kan, P., Koo, E. B., Lee, H. C., Carmichael, S. L.

2019; 39 (7): 964–73

- **Morbidly Adherent Placenta Among Women With Twin Gestation**
Miller, H., Fox, K., Carusi, D. A., Leonard, S., Lyell, D.
LIPPINCOTT WILLIAMS & WILKINS.2019: 68S
- **Racial and ethnic disparities in severe maternal morbidity prevalence and trends** *ANNALS OF EPIDEMIOLOGY*
Leonard, S. A., Main, E. K., Scott, K. A., Profit, J., Carmichael, S. L.
2019; 33: 30–36
- **Invited Commentary: The Causal Association Between Obesity and Stillbirth-Strengths and Limitations of the Consecutive-Pregnancies Approach.** *American journal of epidemiology*
Snowden, J. M., Leonard, S. A.
2019
- **Gestational Weight Gain and Severe Maternal Morbidity at Delivery Hospitalization.** *Obstetrics and gynecology*
Leonard, S. A., Carmichael, S. L., Abrams, B.
2019; 134 (2): 420
- **Prenatal and postnatal inflammation-related risk factors for retinopathy of prematurity.** *Journal of perinatology : official journal of the California Perinatal Association*
Goldstein, G. P., Leonard, S. A., Kan, P., Koo, E. B., Lee, H. C., Carmichael, S. L.
2019
- **Prepregnancy maternal body mass index and venous thromboembolism: A population based cohort study.** *BJOG : an international journal of obstetrics and gynaecology*
Butwick, A. J., Bentley, J., Leonard, S. A., Carmichael, S. L., El-Sayed, Y. Y., Stephansson, O., Guo, N.
2018
- **Maternal body mass index and risk of intraventricular hemorrhage in preterm infants.** *Pediatric research*
Pai, V. V., Carmichael, S. L., Kan, P., Leonard, S. A., Lee, H. C.
2018
- **Healthier vending machines in a university setting: Effective and financially sustainable.** *Appetite*
Viana, J., Leonard, S. A., Kitay, B., Ansel, D., Angelis, P., Slusser, W.
2018; 121: 263–67
- **Do the health benefits of education vary by sociodemographic subgroup? Differential returns to education and implications for health inequities.** *Annals of epidemiology*
Vable, A. M., Cohen, A. K., Leonard, S. A., Glymour, M. M., Duarte, C. D., Yen, I. H.
2018; 28 (11): 759–66.e5
- **Breastfeeding Is Associated With Reduced Obesity in Hispanic 2- to 5-Year-Olds Served by WIC.** *Journal of nutrition education and behavior*
Whaley, S. E., Koleilat, M., Leonard, S., Whaley, M.
; 49 (7S2): S144–S150.e1
- **Living in Violent Neighbourhoods is Associated with Gestational Weight Gain Outside the Recommended Range** *PAEDIATRIC AND PERINATAL EPIDEMIOLOGY*
Galín, J., Abrams, B., Leonard, S. A., Matthay, E. C., Goin, D. E., Ahern, J.
2017; 31 (1): 37–46
- **Associations of maternal obesity and psychosocial factors with breastfeeding intention, initiation, and duration(1-4)** *AMERICAN JOURNAL OF CLINICAL NUTRITION*
Hauff, L. E., Leonard, S. A., Rasmussen, K. M.
2014; 99 (3): 524–534