

Stanford



Stephanie A. Leonard

Assistant Professor (Research) of Obstetrics and Gynecology (Dunlevie Maternal-Fetal Medicine Center for Discovery, Innovation and Clinical Impact)

Obstetrics & Gynecology

CONTACT INFORMATION

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Bio

BIO

Stephanie Leonard, PhD, MS, is an Assistant Professor in the Dunlevie Maternal-Fetal Medicine Center for Discovery, Innovation, and Clinical Impact (<https://dunleviemfm.stanford.edu/>). She is also affiliated with the California Maternal Quality Care Collaborative (<https://www.cmqcc.org/>) and the Stanford Maternal and Child Health Research Institute.

The goal of Dr. Leonard's research is to advance equitable, positive health experiences and outcomes for pregnant individuals. She is interested in applying transdisciplinary methods to perinatal health research, with a focus on studying pregnancy-related morbidities in large data sources. Currently, her primary research interests are in building an infrastructure for distributed data network studies of perinatal health and improving treatment of chronic hypertension in pregnancy. To this end, she co-launched the OHDSI Pregnancy and Reproductive Health Work Group (<https://www.ohdsi.org/workgroups/>) and collaborates closely with the Harvard Program on Perinatal and Pediatric Pharmacoepidemiology (<http://www.harvardpreg.org/>). She also serves as a collaborator and mentor on a variety of obstetrics studies, including clinical trials, prospective and retrospective observational studies, and qualitative studies.

Dr. Leonard trained in epidemiology at UCLA (MS) and UC Berkeley (PhD), where her research focused on nutrition in pregnancy and was completed in partnership with the WIC program and the Nutrition Policy Institute. She completed a postdoc in Neonatal and Developmental Medicine at Stanford as part of the Stanford Center for Population Health Sciences.

ACADEMIC APPOINTMENTS

- Assistant Professor (Research), Obstetrics & Gynecology
- Member, Maternal & Child Health Research Institute (MCHRI)

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

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

Publications

PUBLICATIONS

- **Chronic Hypertension in Pregnancy and Racial-Ethnic Disparities in Complications.** *Obstetrics and gynecology*
Leonard, S. A., Formanowski, B. L., Phibbs, C. S., Lorch, S., Main, E. K., Kozhimannil, K. B., Passarella, M., Bateman, B. T.
2023
- **Early postpartum hospital encounters among patients with genitourinary and wound infections during hospitalization for birth.** *American journal of perinatology*
Leonard, S. A., Girsen, A., Trepman, P., Carmichael, S. L., Darmawan, K., Butwick, A., Gibbs, R.
2023
- **Severity of small-for-gestational-age and morbidity and mortality among very preterm neonates.** *Journal of perinatology : official journal of the California Perinatal Association*
Minor, K. C., Bianco, K., Sie, L., Druzin, M. L., Lee, H. C., Leonard, S. A.
2022
- **Validation of ICD-10-CM Diagnosis Codes for Gestational Age at Birth.** *Epidemiology (Cambridge, Mass.)*
Leonard, S. A., Panelli, D. M., Gould, J. B., Gemmill, A., Main, E. K.
2022
- **Sexual and/or gender minority disparities in obstetric and birth outcomes.** *American journal of obstetrics and gynecology*
Leonard, S. A., Berrahou, I., Zhang, A., Monseur, B., Main, E. K., Obedin-Maliver, J.
2022
- **"Ignored and Invisible": Perspectives from Black Women, Clinicians, and Community-Based Organizations for Reducing Preterm Birth.** *Maternal and child health journal*
Smith, K. L., Shipchandler, F., Kudumu, M., Davies-Balch, S., Leonard, S. A.
1800
- **Development and validation of a risk prediction index for severe maternal morbidity based on preconception comorbidities among infertile patients.** *Fertility and sterility*
Murugappan, G., Alvero, R. J., Lyell, D. J., Khandelwal, A., Leonard, S. A.
2021
- **Obstetric comorbidity scores and disparities in severe maternal morbidity across marginalized groups.** *American journal of obstetrics & gynecology MFM*
Leonard, S. A., Main, E. K., Lyell, D. J., Carmichael, S. L., Kennedy, C. J., Johnson, C., Mujahid, M. S.
2021: 100530
- **An Expanded Obstetric Comorbidity Scoring System for Predicting Severe Maternal Morbidity.** *Obstetrics and gynecology*
Leonard, S. A., Kennedy, C. J., Carmichael, S. L., Lyell, D. J., Main, E. K.
2020
- **Weight gain during pregnancy and the risk of severe maternal morbidity by prepregnancy BMI.** *The American journal of clinical nutrition*
Leonard, S. A., Abrams, B., Main, E. K., Lyell, D. J., Carmichael, S. L.
2020
- **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. n., Carmichael, S. L.
2019

- **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. n.
2019
- **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
- **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): 323-328.e1
- **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
- **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. n.
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
- **Racial and Ethnic Disparities in Anemia and Severe Maternal Morbidity.** *Obstetrics and gynecology*
Igbino, I. I., Leonard, S. A., Noelette, F., Davies-Balch, S., Carmichael, S. L., Main, E., Lyell, D. J.
2023
- **Perinatal Care Measures Are Incomplete If They Do Not Assess The Birth Parent-Infant Dyad As A Whole.** *Health affairs (Project Hope)*
Handley, S. C., Formanowski, B., Passarella, M., Kozhimannil, K. B., Leonard, S. A., Main, E. K., Phibbs, C. S., Lorch, S. A.
2023; 42 (9): 1266-1274
- **Hospital-level variation in racial disparities in low-risk nulliparous cesarean birth rates.** *American journal of obstetrics & gynecology MFM*
Main, E. K., Chang, S. C., Tucker, C. M., Sakowski, C., Leonard, S. A., Rosenstein, M. G.
2023: 101145
- **Abortion Bans and Resource Utilization for Congenital Heart Disease: A Decision Analysis.** *Obstetrics and gynecology*
Miller, H. E., Fraz, F., Zhang, J., Henkel, A., Leonard, S. A., Maskatia, S. A., El-Sayed, Y. Y., Blumenfeld, Y. J.

2023

- **Feasibility and impact of a mental health chatbot on postpartum mental health: a randomized controlled trial.** *AJOG global reports*
Suharwardy, S., Ramachandran, M., Leonard, S. A., Gunaseelan, A., Lyell, D. J., Darcy, A., Robinson, A., Judy, A.
2023; 3 (3): 100165
- **Obstetric Volume and Severe Maternal Morbidity Among Low-Risk and Higher-Risk Patients Giving Birth at Rural and Urban US Hospitals.** *JAMA health forum*
Kozhimannil, K. B., Leonard, S. A., Handley, S. C., Passarella, M., Main, E. K., Lorch, S. A., Phibbs, C. S.
2023; 4 (6): e232110
- **Clinical and Physician Factors Associated With Failed Operative Vaginal Delivery.** *Obstetrics and gynecology*
Panelli, D. M., Leonard, S. A., Joudi, N., Judy, A. E., Bianco, K., Gilbert, W. M., Main, E. K., El-Sayed, Y. Y., Lyell, D. J.
2023
- **Vaginal Progesterone is Associated with Intrahepatic Cholestasis of Pregnancy.** *American journal of perinatology*
Tsur, A., Leonard, S. A., Kan, P., Datoc, I., Girsen, A., Shaw, G. M., Stevenson, D. K., El-Sayed, Y. Y., Druzin, M. L., Blumenfeld, Y. J.
2023
- **Racial/Ethnic Disparities in Costs, Length of Stay, and Severity of Severe Maternal Morbidity.** *American journal of obstetrics & gynecology MFM*
Phibbs, C. M., Kristensen-Cabrera, A., Kozhimannil, K. B., Leonard, S. A., Lorch, S. A., Main, E. K., Schmitt, S. K., Phibbs, C. S.
2023: 100917
- **Prepregnancy body mass index and gestational diabetes mellitus across Asian and Pacific Islander subgroups in California.** *AJOG global reports*
Sperling, M. M., Leonard, S. A., Blumenfeld, Y. J., Carmichael, S. L., Chueh, J.
2023; 3 (1): 100148
- **Quasi-experimental study designs can inform pandemic effects on nutrition and weight gain in pregnancy.** *The American journal of clinical nutrition*
Leonard, S. A., Panelli, D. M.
2023; 117 (2): 216-217
- **Red Blood Cell Transfusion in Patients With Placenta Accreta Spectrum: A Systematic Review and Meta-analysis.** *Obstetrics and gynecology*
Miller, S. E., Leonard, S. A., Meza, P. K., Ku, S., Ren, L. Y., Lyell, D. J., Sultan, P., Butwick, A.
2023; 141 (1): 49-58
- **Adverse Pregnancy Outcomes Among Asian Subgroups - Does Gestational Diabetes Mellitus Increase the Risk?**
Perlman, N. C., Sperling, M. M., Mayo, J., Leonard, S. A., Blumenfeld, Y. J., Carmichael, S. L., Maine, E., Chueh, J., Bianco, K.
SPRINGER HEIDELBERG.2023: 131A-132A
- **In Virtual Simulation is Teaching to Fish Better Than Giving a Fish?**
Bianco, K., Minor, K., Schaffer, K., Sei, L., Mayo, J., Leonard, S. A., Daniels, K.
SPRINGER HEIDELBERG.2023: 215A-216A
- **Increased rates of postpartum emergency department visits and inpatient readmissions in people with epilepsy**
Darmawan, K. F., Leonard, S. A., Meador, K., McElrath, T. F., Carmichael, S. L., Lyell, D. J., El-Sayed, Y. Y., Herrero, T., Druzin, M. L., Panelli, D. M.
MOSBY-ELSEVIER.2023: S163
- **Impact of psychiatric conditions on the risk of severe maternal morbidity in veterans**
Panelli, D. M., Esmacili, A., Joyce, V., Chan, C., Gujral, K., Schmitt, S., Murphy, N., Kimerling, R., Leonard, S. A., Shaw, J. G., Phibbs, C. S.
MOSBY-ELSEVIER.2023: S457-S458
- **Antenatal wildfire smoke exposure and hypertensive disorders of pregnancy**
Waldrop, A. R., Blumenfeld, Y. J., Mayo, J. A., Panelli, D. M., Heft-Neal, S., Burke, M., Leonard, S. A., Shaw, G. M.
MOSBY-ELSEVIER.2023: S59-S60
- **Abortion restriction impact on burden of neonatal single ventricle congenital heart disease: a decision-analytic model**
Miller, H. E., Henkel, A., Zhang, J., Leonard, S. A., Quirin, A. P., Maskatia, S. A., El Sayed, Y. Y., Blumenfeld, Y. J.
MOSBY-ELSEVIER.2023: S483
- **Severe maternal morbidity among people with cardiac disease: getting to the heart of the problem**
Darmawan, K. F., Panelli, D. M., Mayo, J. A., Leonard, S. A., Girsen, A., Carmichael, S. L., Bianco, K.

MOSBY-ELSEVIER.2023: S163-S164

- **Increased primary cesarean delivery rate among people with epilepsy: Risks, drivers and future directions**
Darmawan, K. F., Leonard, S. A., Meador, K., McElrath, T. F., Carmichael, S. L., Lyell, D. J., El-Sayed, Y. Y., Herrero, T., Druzin, M. L., Panelli, D. M.
MOSBY-ELSEVIER.2023: S162-S163
- **Hospital intrapartum practices and disparities in severe maternal and neonatal morbidity**
Leonard, S. A., Xu, X., Davies-Balch, S., Main, E., Bateman, B. T., Rehkopf, D., Lee, H. C., Illuzzi, J., Igbinsosa, I., Iwekaogwu, I., Lyell, D. J.
MOSBY-ELSEVIER.2023: S233
- **The association of anxiety and insomnia on blood pressure parameters in pregnancy: a pilot study**
Miller, H. E., Simpson, S. L., Hurtado, J., Boncompagni, A. C., Chueh, J., Druzin, M. L., Panelli, D. M.
MOSBY-ELSEVIER.2023: S483-S484
- **Factors contributing to delay in family building among sexual/gender minority people in the COVID19 pandemic**
Waldrop, A. R., Zhang, J., Flentje, A., Lunn, M. R., Lubensky, M. E., Leonard, S. A., Dastur, Z., Obedin-Maliver, J.
MOSBY-ELSEVIER.2023: S434
- **A novel fetal MRI lung volume nomogram stratified by estimated fetal weight**
Gershnel, S., Jayapal, P., Zalcman, M., Barth, R. A., Rubesova, E., Hintz, S., Zhang, J., Leonard, S. A., El-Sayed, Y. Y., Blumenfeld, Y. J.
MOSBY-ELSEVIER.2023: S577
- **A novel virtual simulation training improves providers' knowledge and confidence to manage obstetric emergencies**
Minor, K. C., Mayo, J. A., Bianco, K., Judy, A., Abir, G., Lee, H. C., Leonard, S. A., Sie, L., Ayotte, S., Daniels, K. I.
MOSBY-ELSEVIER.2023: S160
- **Fasting Compared With Fed and Oral Intake Before the 1-Hour Oral Glucose Tolerance Test: A Randomized Controlled Trial.** *Obstetrics and gynecology*
Sperling, M. M., Leonard, S. A., Miller, S. E., Hurtado, J., El-Sayed, Y. Y., Herrero, T., Faig, J., Carter, S., Blumenfeld, Y. J.
2023; 141 (1): 126-133
- **An exploratory analysis of leukocyte telomere length among pregnant and non-pregnant people.** *Brain, behavior, & immunity - health*
Panelli, D. M., Diwan, M., Cruz, G. I., Leonard, S. A., Chueh, J., Gotlib, I. H., Bianco, K.
2022; 25: 100506
- **ASSOCIATION BETWEEN INFERTILITY SUBTYPES AND ATHEROSCLEROTIC CARDIOVASCULAR DISEASE AMONG POSTMENOPAUSAL PARTICIPANTS FROM THE WOMEN'S HEALTH INITIATIVE.**
Murugappan, G., Leonard, S., Lathi, R. B., Farland, L. V., Carmichael, S. L., Parikh, N. J., Stefanick, M. L.
ELSEVIER SCIENCE INC.2022: E4-E5
- **Addressing postpartum contraception practices utilizing a multidisciplinary Pregnancy Heart Team approach.** *AJOG global reports*
Miller, H. E., Do, S. C., Cruz, G., Panelli, D. M., Leonard, S. A., Girsan, A., Lee, C. J., Khandelwal, A., Shaw, K. A., Bianco, K.
2022; 2 (4): 100100
- **Early postpartum readmissions: identifying risk factors at birth hospitalization.** *AJOG global reports*
Girsan, A. I., Leonard, S. A., Butwick, A. J., Joudi, N., Carmichael, S. L., Gibbs, R. S.
2022; 2 (4): 100094
- **Effect of gestational age at first delivery and interpregnancy interval on the recurrence of clinical chorioamnionitis.** *AJOG global reports*
Sperling, M. M., Sie, L., Leonard, S. A., Girsan, A. I., Lee, H. C., Gibbs, R. S.
2022; 2 (4): 100116
- **Postpartum Readmission for Hypertension After Discharge on Labetalol or Nifedipine.** *Obstetrics and gynecology*
Do, S. C., Leonard, S. A., Kan, P., Panelli, D. M., Girsan, A. I., Lyell, D. J., El-Sayed, Y. Y., Druzin, M. L., Herrero, T.
2022
- **Risk of Adverse Pregnancy Outcomes Among US Individuals With Gestational Diabetes by Race and Ethnicity.** *JAMA*
Gemmill, A., Leonard, S. A.
2022; 328 (4): 397
- **Risk of Adverse Pregnancy Outcomes Among US Individuals With Gestational Diabetes by Race and Ethnicity** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*

- Gemmill, A., Leonard, S. A.
2022; 328 (4): 397
- **HMOX1 Genetic Polymorphisms Display Ancestral Diversity and May Be Linked to Hypertensive Disorders in Pregnancy.** *Reproductive sciences (Thousand Oaks, Calif.)*
Sun, T., Cruz, G. I., Mousavi, N., Maric, I., Brewer, A., Wong, R. J., Aghaeepour, N., Sayed, N., Wu, J. C., Stevenson, D. K., Leonard, S. A., Gymrek, M., Winn, et al
2022
 - **Leukocyte telomere dynamics across gestation in uncomplicated pregnancies and associations with stress.** *BMC pregnancy and childbirth*
Panelli, D. M., Leonard, S. A., Wong, R. J., Becker, M., Mayo, J. A., Wu, E., Girsen, A. I., Gotlib, I. H., Aghaeepour, N., Druzin, M. L., Shaw, G. M., Stevenson, D. K., Bianco, et al
2022; 22 (1): 381
 - **Constructing a Pregnancy Loss Cohort From Electronic Health Records**
Callahan, A., Leonard, S., Druzin, M., Lathi, R. B., Murugappan, G.
LIPPINCOTT WILLIAMS & WILKINS.2022: 95S
 - **Sexual and/or Gender Minority Parental Structures among California Births, 2016-2020.** *American journal of obstetrics & gynecology MFM*
Berrahou, I. K., Leonard, S. A., Zhang, A., Main, E. K., Obedin-Maliver, J.
2022: 100653
 - **Association of infertility with atherosclerotic cardiovascular disease among postmenopausal participants in the Women's Health Initiative.** *Fertility and sterility*
Murugappan, G., Leonard, S. A., Farland, L. V., Lau, E. S., Shadyab, A. H., Wild, R. A., Schnatz, P., Carmichael, S. L., Stefanick, M. L., Parikh, N. I.
2022
 - **Clinical and Hospital Factors Associated with Increased Cesarean Birth Rate Among People with Epilepsy**
Darmawan, K., Cruz, G., Leonard, S., Meador, K., McElrath, T., Carmichael, S., Lyell, D., El Sayed, Y., Herrero, T., Druzin, M., Panelli, D.
SPRINGER HEIDELBERG.2022: 216
 - **Cellular Aging and Stress in Pregnant and Non-Pregnant People During the COVID-19 Pandemic**
Panelli, D., Diwan, M., Cruz, G. I., Leonard, S. A., Chueh, J., Gotlib, I. H., Bianco, K.
SPRINGER HEIDELBERG.2022: 191
 - **Leukocyte Telomere Length in the First Trimester of Pregnancy and its Association with Perinatal Outcomes**
Panelli, D., Diwan, M., Cruz, G. I., Leonard, S. A., Chueh, J., Gotlib, I. H., Bianco, K.
SPRINGER HEIDELBERG.2022: 155
 - **The effect of severe maternal morbidity on infant costs and lengths of stay.** *Journal of perinatology : official journal of the California Perinatal Association*
Phibbs, C. M., Kozhimannil, K. B., Leonard, S. A., Lorch, S. A., Main, E. K., Schmitt, S. K., Phibbs, C. S.
2022
 - **Interpregnancy Weight Change: Associations with Severe Maternal Morbidity and Neonatal Outcomes.** *American journal of obstetrics & gynecology MFM*
Abrams, B. F., Leonard, S. A., Kan, P., Lyell, D. J., Carmichael, S. L.
2022: 100596
 - **A Comprehensive Analysis of the Costs of Severe Maternal Morbidity.** *Women's health issues : official publication of the Jacobs Institute of Women's Health*
Phibbs, C. M., Kozhimannil, K. B., Leonard, S. A., Lorch, S. A., Main, E. K., Schmitt, S. K., Phibbs, C. S.
1800
 - **Fasting vs fed: A randomized trial assessing oral intake prior to the glucose tolerance test**
Sperling, M., Leonard, S. A., Miller, S. E., El Sayed, Y. Y., Herrero, T., Faig, J., Carter, S., Blumenfeld, Y. J.
MOSBY-ELSEVIER.2022: S189
 - **Clinical factors associated with a positive postpartum depression screen in people with cardiac disease during pregnancy.** *Current research in psychiatry*
Panelli, D. M., Sherwin, E. B., Lee, C. J., Leonard, S. A., Miller, S. E., Miller, H. E., Tolani, A. T., Hoover, V., Ansari, J. R., Khandelwal, A., Bianco, K.
2022; 2 (2): 25-29
 - **Association of Neighborhood Income with Clinical Outcomes Among Pregnant Patients with Cardiac Disease** *Reproductive Sciences*

Carland, C., Panelli, D. M., Leonard, S. A., Bryant, E., Sherwin, E. B., Lee, C. J., Levin, E., Jimenez, S., Tremmel, J. A., Tsai, S., Heidenreich, P. A., Bianco, K., Khandelwal, et al
2022

- **Constructing a cohort of nulliparous, term, singleton, vertex births from electronic health records**
Callahan, A., Murugappan, G., Main, E. K., Leonard, S. A.
MOSBY-ELSEVIER.2022: S521-S522
- **Health Disparities in Antepartum Anemia: The Intersection of Race and Social Determinants of Health**
Igbinoso, I., Leonard, S. A., Noelette, F., Mujahid, M., Main, E. K., Lyell, D. J.
MOSBY-ELSEVIER.2022: S529-S530
- **Provider utilization of gestational diabetes screening methods - Have practices changed since the HAPO trial?**
Miller, S. E., Sperling, M., Cruz, G., Schulkin, J., Leonard, S. A., Lyell, D. J., Herrero, T., Blumenfeld, Y. J.
MOSBY-ELSEVIER.2022: S483-S484
- **To Eat or not to Eat? Provider Recommendations Surrounding Oral Intake Before the 50g OGTT**
Miller, S. E., Sperling, M., Cruz, G., Schulkin, J., Leonard, S. A., Lyell, D. J., Herrero, T., Blumenfeld, Y. J.
MOSBY-ELSEVIER.2022: S350-S351
- **Hospital Readmissions after Postpartum Emergency Department Visit**
Girsen, A., Leonard, S. A., Carmichael, S. L., Gibbs, R. S., Butwick, A.
MOSBY-ELSEVIER.2022: S517-S518
- **Obstetric ultrasound (US) quality improvement initiative: Long-term results of a quality assurance protocol**
Joudi, N., Leonard, S. A., Pugh, B., Chueh, J., Blumenfeld, Y. J.
MOSBY-ELSEVIER.2022: S554-S555
- **Validation of ICD-10-CM Diagnosis Codes for Gestational Age at Birth**
Leonard, S. A., Gould, J. B., Main, E. K.
MOSBY-ELSEVIER.2022: S429
- **Does magnesium sulfate for hypertensive disease reduce the risk of neonatal hypoxic ischemic encephalopathy?**
Minor, K. C., Liu, J., El-Sayed, Y. Y., Druzin, M. L., Profit, J., Hintz, S., Bonifacio, S., Leonard, S. A., Karakash, S.
MOSBY-ELSEVIER.2022: S526
- **Patient preferences, beliefs, and experiences regarding oral intake and the 1-hour oral glucose tolerance test**
Sperling, M., Leonard, S. A., Miller, S. E., El-Sayed, Y. Y., Herrero, T., Faig, J., Carter, S., Blumenfeld, Y. J.
MOSBY-ELSEVIER.2022: S325-S326
- **Ketonuria is associated with a positive 1-hour oral glucose tolerance test**
Sperling, M., Leonard, S. A., Miller, S. E., El-Sayed, Y. Y., Herrero, T., Faig, J., Carter, S., Blumenfeld, Y. J.
MOSBY-ELSEVIER.2022: S574-S575
- **Birth registration policies in the United States and their relevance to sexual and/or gender minority families: Identifying existing strengths and areas of improvement. *Social science & medicine (1982)***
Zhang, A., Berrahou, I., Leonard, S. A., Main, E. K., Obedin-Maliver, J.
1800; 293: 114633
- **Association of Epilepsy and Severe Maternal Morbidity. *Obstetrics and gynecology***
Panelli, D. M., Leonard, S. A., Kan, P., Meador, K. J., McElrath, T. F., Darmawan, K. F., Carmichael, S. L., Lyell, D. J., El-Sayed, Y. Y., Druzin, M. L., Herrero, T. C.
2021
- **INFERTILITY AND RISK OF CARDIOVASCULAR DISEASE AMONG POSTMENOPAUSAL PARTICIPANTS IN THE WOMEN'S HEALTH INITIATIVE.**
Murugappan, G., Leonard, S. A., Carmichael, S. L., Stefanick, M. L., Parikh, N. I.
ELSEVIER SCIENCE INC.2021: E15
- **The impact of the COVID-19 pandemic on postpartum contraception planning *AMERICAN JOURNAL OF OBSTETRICS & GYNECOLOGY MFM***
Miller, H. E., Henkel, A., Leonard, S. A., Miller, S. E., Tran, L., Bianco, K., Shaw, K. A.

2021; 3 (5)

- **Homelessness in pregnancy: perinatal outcomes.** *Journal of perinatology : official journal of the California Perinatal Association*
St Martin, B. S., Spiegel, A. M., Sie, L., Leonard, S. A., Seidman, D., Girsen, A. I., Shaw, G. M., El-Sayed, Y. Y.
2021
- **Myocardial Bridge in Pregnancy: Beyond a 'Normal Anatomic Variant'.**
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