



## Danielle Mari Panelli

Instructor, Obstetrics & Gynecology - Maternal Fetal Medicine

### CLINICAL OFFICE (PRIMARY)

- **Center for Academic Medicine Obstetrics and Gynecology**

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### Bio

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### CLINICAL FOCUS

- Maternal-Fetal Medicine
- Maternal morbidity
- Perinatal mental health
- Maternal and Fetal Medicine

### ACADEMIC APPOINTMENTS

- Instructor, Obstetrics & Gynecology - Maternal Fetal Medicine
- Member, Cardiovascular Institute

### ADMINISTRATIVE APPOINTMENTS

- Director of Research, Maternal-Fetal Medicine Fellowship, (2022- present)

### HONORS AND AWARDS

- Structural Racism, Social Injustice, and Health Disparities in Maternal and Child Health Pilot Grant, Stanford Maternal Child Health Research Institute (2023)
- Loan Repayment Program Renewal Award, NIH/NICHD (2023)
- Women's Reproductive Health Research Scholar (WRHR K12), Department of Obstetrics and Gynecology, Stanford, NIH/NICHD (2021)
- Loan Repayment Program Award, NIH/NICHD (2021)
- Instructor K Award Support Grant, Stanford Maternal Child Health Research Institute (2021)
- Masters Tuition Program Award, Stanford Maternal Child Health Research Institute (2021)
- Fellow's Teaching Award, Obstetrics and Gynecology Residency Program, Stanford University (2021)
- Society for Maternal-Fetal Medicine Resident Award, Brigham and Women's Hospital, Massachusetts General Hospital, Harvard Medical School (2017)
- Departmental Award, Obstetrics and Gynecology, UCSD School of Medicine (2014)
- Robert Sinsheimer Award in Molecular and Cellular Biology, University of California, Santa Barbara (2009)

- Colville Dearborn Award for Highest Academic Achievement in College of Science and Mathematics, University of California, Santa Barbara (2009)

## BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Communications Committee Member, Society for Maternal Fetal Medicine (2023 - present)
- Research Committee Member, Society for Maternal Fetal Medicine (2021 - present)
- Co-Lead, Stanford Reproductive Neurology Quality Improvement Committee (2022 - present)

## PROFESSIONAL EDUCATION

- Board Certification: Maternal and Fetal Medicine, American Board of Obstetrics and Gynecology (2023)
- MS, Stanford University , Epidemiology and Clinical Research (2023)
- Board Certification: Obstetrics and Gynecology, American Board of Obstetrics and Gynecology (2019)
- Fellowship, Stanford University , Maternal-Fetal Medicine (2021)
- Residency, Brigham and Women's Hospital, Massachusetts General Hospital, Harvard Medical School , Obstetrics and Gynecology (2018)
- MD, University of California, San Diego School of Medicine (2014)
- BS, University of California, Santa Barbara , Biochemistry and Molecular Biology (2009)

## Publications

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### PUBLICATIONS

- **Physical activity among pregnant inpatients and outpatients and associations with anxiety.** *European journal of obstetrics, gynecology, and reproductive biology*  
Panelli, D. M., Miller, H. E., Simpson, S. L., Hurtado, J., Shu, C. H., Boncompagni, A. C., Chueh, J., Carvalho, B., Sultan, P., Aghaeepour, N., Druzin, M. L.  
2024; 297: 8-14
- **Mental health conditions and contraception: current landscape, reproductive health and obstetric outcomes, and clinical guidance.** *Current opinion in obstetrics & gynecology*  
Miller, H. E., Kruger, S. L., Panelli, D. M.  
2024
- **An exploratory analysis of factors associated with spontaneous preterm birth among pregnant veterans with post-traumatic stress disorder.** *Women's health issues : official publication of the Jacobs Institute of Women's Health*  
Panelli, D. M., Chan, C. S., Shaw, J. G., Shankar, M., Kimerling, R., Frayne, S. M., Herrero, T. C., Lyell, D. J., Phibbs, C. S.  
2023; 33 (2): 191-198
- **Prenatal Diagnosis and Postnatal Management of a Fetal Pericardial Mass.** *NeoReviews*  
Weigel, N., Hintz, S., Kaplinski, M., Barth, R., Balakrishnan, K., Panelli, D., Ma, M., Chitkara, R.  
2023; 24 (10): e683-e689
- **A systematic review of patient-reported outcome measures used in maternal postpartum anxiety.** *American journal of obstetrics & gynecology MFM*  
O'Carroll, J., Ando, K., Yun, R., Panelli, D., Nicklin, A., Kennedy, N., Carvalho, B., Blake, L., Coker, J., Kaysen, D., Sultan, P.  
2023: 101076
- **Physical Fitness in Relationship to Depression and Post-Traumatic Stress Disorder During Pregnancy Among U.S. Army Soldiers.** *Journal of women's health (2002)*  
Panelli, D. M., Nelson, D. A., Wagner, S., Shaw, J. G., Phibbs, C. S., Kurina, L. M.  
2023
- **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
- **Associations between pregnancy glucose measurements and risk of preterm birth: a retrospective cohort study of commercially insured women in the United States from 2003-2021.** *Annals of epidemiology*  
Liang, R., Panelli, D. M., Stevenson, D. K., Rehkopf, D. H., Shaw, G. M.

2023

- **An Exploratory Analysis of Factors Associated With Spontaneous Preterm Birth Among Pregnant Veterans With Post-Traumatic Stress Disorder** *WOMENS HEALTH ISSUES*  
Panelli, D. M., Chan, C. S., Shaw, J. G., Shankar, M., Kimerling, R., Frayne, S. M., Herrero, T. C., Lyell, D. J., Phibbs, C. S.  
2023; 33 (2): 191-198
- **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
- **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
- **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
- **Maternal congenital heart disease and effects on neonatal outcomes: the other side of the dyad**  
Ramirez, N., Panelli, D. M., Padron, E., Dominguez, L., Miller, S. E., Beshar, I., Lee, C. J., Bianco, K.  
MOSBY-ELSEVIER.2023: S554-S555
- **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
- **Associations between physical fitness, depression, and PTSD during pregnancy among US Army soldiers**  
Panelli, D. M., Wagner, S., Phibbs, C. S., Shaw, J. G., Nelson, D., Kurina, L.  
MOSBY-ELSEVIER.2023: S121
- **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
- **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
- **Shorter maternal leukocyte telomere length following cesarean birth: Implications for future research**  
Panelli, D. M., Mayo, J. A., Wong, R. J., Becker, M., Maric, I., Wu, E., Gotlib, I. H., Aghaepour, N., Druzin, M. L., Stevenson, D. K., Shaw, G. M., Bianco, K.  
MOSBY-ELSEVIER.2023: S456-S457
- **Effects of Adverse Childhood Experiences on Perinatal Outcomes in Patients with Cardiac Disease: A Pilot Study**  
Ramirez, N., Panelli, D. M., Padron, E., Dominguez, L., Lee, C. J., Mayo, J., Khandelwal, A., Bianco, K.  
SPRINGER HEIDELBERG.2023: 217A
- **Preterm Birth Doubles in a Cardiac Affected Population: The Added Factor of Maternal Depression**  
Beshar, I. E., Panelli, D., Lee, C. J., Dominguez, L., Padron, E., Ramirez, N., Ansari, J., Khandelwal, A., Bianco, K.  
SPRINGER HEIDELBERG.2023: 213A-214A
- **Contemporary management of epilepsy in pregnancy.** *Current opinion in obstetrics & gynecology*  
Darmawan, K. F., Panelli, D. M.  
2022
- **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

- **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., Girsen, A., Lee, C. J., Khandelwal, A., Shaw, K. A., Bianco, K.  
2022; 2 (4): 100100
- **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
- **Postpartum Readmission for Hypertension After Discharge on Labetalol or Nifedipine.** *Obstetrics and gynecology*  
Do, S. C., Leonard, S. A., Kan, P., Panelli, D. M., Girsen, A. I., Lyell, D. J., El-Sayed, Y. Y., Druzin, M. L., Herrero, T.  
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
- **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 Loop Electrosurgical Excision Procedure and Cone Conundrum: The Role of Cumulative Excised Depth in Predicting Preterm Birth** *AJP REPORTS*  
Panelli, D. M., Wood, R. L., Elias, K. M., Growdon, W. B., Kaimal, A. J., Feldman, S., McElrath, T. F.  
2022; 12 (01): E41-E48
- **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
- **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
- **Cellular aging and pregnancy complications: Examining maternal leukocyte telomere length in two diverse cohorts.**  
Panelli, D. M., Wang, X., Wong, R. J., Cruz, G., Hong, X., Aghaeepour, N., Druzin, M. L., Shaw, G. M., Zuckerman, B. S., Stevenson, D. K., Bianco, K.  
MOSBY-ELSEVIER.2022: S646
- **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
- **Cellular aging and telomere dynamics in pregnancy.** *Current opinion in obstetrics & gynecology*  
Panelli, D. M., Bianco, K.  
2021
- **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

- **Postpartum Transition of Care: Racial/Ethnic Gaps in Veterans' Re-Engagement in VA Primary Care after Pregnancy.** *Women's health issues : official publication of the Jacobs Institute of Women's Health*  
Shankar, M., Chan, C. S., Frayne, S. M., Panelli, D. M., Phibbs, C. S., Shaw, J. G.  
2021
- **Long Term Patient Follow-Up of Cardiac Disease in Pregnancy: Multidisciplinary Teams Tether At-Risk Patients to the System.**  
Miller, S. E., Panelli, D., Sherwin, E., Lee, C., Miller, H., Tolani, A., O'Mara, A., Khandelwal, A., Bianco, Y.  
SPRINGER HEIDELBERG.2021: 268A-269A
- **To pull or not to pull: clinical factors associated with failed operative vaginal delivery**  
Panelli, D. M., Leonard, S. A., Joudi, N., Girsen, A., Judy, A., Bianco, K., El-Sayed, Y. Y., Gilbert, W., Lyell, D. J.  
MOSBY-ELSEVIER.2021: S101
- **Vaginal breech delivery: maternal and neonatal outcomes**  
Joudi, N., Panelli, D. M., Leonard, S. A., Gilbert, W., Lyell, D. J.  
MOSBY-ELSEVIER.2021: S211
- **Clinical factors associated with spontaneous preterm birth in women with active post-traumatic stress disorder**  
Panelli, D. M., Chan, C., Shaw, J. G., Shankar, M., Herrero, T., Lyell, D. J., Phibbs, C. S.  
MOSBY-ELSEVIER.2021: S100
- **Severe maternal and neonatal morbidity after attempted operative vaginal delivery.** *American journal of obstetrics & gynecology MFM*  
Panelli, D. M., Leonard, S. A., Joudi, N. n., Girsen, A. I., Judy, A. E., El-Sayed, Y. Y., Gilbert, W. M., Lyell, D. J.  
2021: 100339
- **Cellular Aging in Pregnancy: Telomere Dynamics Across Gestation.**  
Panelli, D. M., Leonard, S. A., Wong, R. J., Girsen, A. I., Baskovic, M., Stevenson, D. K., Bianco, K.  
SPRINGER HEIDELBERG.2020: 127A-128A
- **Postpartum Depression Among Women with Cardiac Disease: Considerations During the Delivery Admission**  
Panelli, D., Sherwin, E. B., Lee, C. J., Suharwardy, S., Miller, H. E., Tolani, A. T., Girsen, A. I., Leonard, S. A., Warshawsky, S., Judy, A., Khandel-Wal, A., Bianco, Y. K.  
SPRINGER HEIDELBERG.2020: 246A
- **Perinatal Outcomes in Women With Cardiac Arrhythmia.**  
Lee, J., Sie, L., Sherwin, E. B., Girsen, A. I., Tolani, A. T., Miller, H. E., Panelli, D. M., Do, S. C., Khandelwal, A., Bianco, K.  
SPRINGER HEIDELBERG.2020: 161A
- **Post-traumatic stress disorder in pregnancy: Does treatment impact the risk of preterm birth?**  
Panelli, D. M., Chan, C., Shaw, J. G., Herrero, T., Lyell, D. J., Phibbs, C. S.  
MOSBY-ELSEVIER.2020: S328
- **The LEEP and cone conundrum: The role of cumulative excised depth in predicting preterm birth**  
Panelli, D. M., Wood, R., Elias, K., Growdon, W., Kaimal, A. J., Feldman, S., McElrath, T. F.  
MOSBY-ELSEVIER.2020: S10
- **Contraception uptake among women with cardiovascular disease: The impact of a multidisciplinary team care approach**  
Miller, H. E., Sie, L., Lee, C. J., Panelli, D. M., Sherwin, E. B., Noon, B., Girsen, A., Bianco, K.  
MOSBY-ELSEVIER.2020: S707-S708
- **Comparing insulin, metformin, and glyburide in treating diabetes in pregnancy and analyzing obstetric outcomes**  
Sperling, M., Bentley, J., Girsen, A., Leonard, S. A., Sherwin, E. B., Panelli, D. M., Suharwardy, S., El Sayed, Y., Herrero, T.  
MOSBY-ELSEVIER.2020: S481
- **Sustaining the practice of operative vaginal delivery: Maternal and neonatal outcomes among a contemporary cohort**  
Panelli, D. M., Leonard, S. A., Judy, A., El-Sayed, Y. Y., Gilbert, W., Lyell, D. J.  
MOSBY-ELSEVIER.2020: S568
- **Operative vaginal delivery in the modern obstetric era: How does it compare to the alternative?**  
Panelli, D. M., Leonard, S. A., Judy, A., El-Sayed, Y. Y., Gilbert, W., Lyell, D. J.

MOSBY-ELSEVIER.2020: S327–S328

- **Contraceptive utilization and counseling among breast cancer survivors** *JOURNAL OF CANCER SURVIVORSHIP*  
Mody, S., Gorman, J. R., Oakley, L. P., Layton, T., Parker, B. A., Panelli, D.  
2019; 13 (3): 438–46
- **Maternal Outcomes in Planned and Unplanned Pregnancies in Women with Cardiac Disease.**  
Do, S. C., Tolani, A. T., Sie, L., Girsen, A. I., Lee, C. J., Sherwin, E., Panelli, D. M., El-Sayed, Y. Y., Khandelwal, A., Blumenfeld, Y. J., Bianco, K.  
SAGE PUBLICATIONS INC.2019: 323A
- **Using Cervical Dilation to Predict Labor Onset: A Tool for Elective Labor Induction Counseling.** *American journal of perinatology*  
Panelli, D. M., Robinson, J. N., Kaimal, A. J., Terry, K. L., Yang, J., Clapp, M. A., Little, S. E.  
2019
- **Contraceptive utilization and counseling among breast cancer survivors.** *Journal of cancer survivorship : research and practice*  
Mody, S. K., Gorman, J. R., Oakley, L. P., Layton, T. n., Parker, B. A., Panelli, D. n.  
2019
- **Readmission following discharge on labetalol or nifedipine for management of hypertensive disorders of pregnancy**  
Do, S. C., Panelli, D. M., Girsen, A. I., Suharwardy, S., Estes, J., Gibbs, R. S., El-Sayed, Y., Lyell, D. J., Druzin, M. L., Bentley, J.  
MOSBY-ELSEVIER.2019: S341
- **Obstetric outcomes for women receiving newer generation antiepileptic drugs: retrospective cohort study using claims database**  
Herrero, T., Bentley, J. P., Girsen, A. I., Do, S., Suharwardy, S., Panelli, D. M., Lyell, D. J., El-Sayed, Y., Druzin, M. L.  
MOSBY-ELSEVIER.2019: S344–S345
- **In Reply.** *Obstetrics and gynecology*  
Panelli, D. M., Easter, S. R., Bibbo, C., Robinson, J. N., Carusi, D. A.  
2018; 132 (1): 216
- **Evaluation of a Quality Improvement Intervention to Increase Vaginal Birth for Twins.** *Obstetrics and gynecology*  
Easter, S. R., Bibbo, C., Panelli, D., Little, S. E., Carusi, D., Robinson, J. N.  
2018; 132 (1): 85-93
- **Clinical Factors Associated With Presentation Change of the Second Twin After Vaginal Delivery of the First Twin.** *Obstetrics and gynecology*  
Panelli, D. M., Easter, S. R., Bibbo, C., Robinson, J. N., Carusi, D. A.  
2017; 130 (5): 1104-1111
- **Incidence, diagnosis and management of tubal and nontubal ectopic pregnancies: a review.** *Fertility research and practice*  
Panelli, D. M., Phillips, C. H., Brady, P. C.  
2015; 1: 15