



Y. Katherine Bianco

Clinical Professor, Obstetrics & Gynecology - Maternal Fetal Medicine

 NIH Biosketch available Online

 Curriculum Vitae available Online

 Resume available Online

CLINICAL OFFICE (PRIMARY)

- **Obstetrics Clinic**

770 Welch Rd Ste 201

MC 5880

Palo Alto, CA 94304

Tel (650) 498-4069

Fax (650) 725-2062

Bio

BIO

My clinical interest in pregnancies complicated with birth defects has led my underlying research interests in genomic abnormalities in the human trophoblast carrying to faulty placentation. The latter began with initial work during K12 and KO8 funding. I took a great interest in the human placenta as it carries potential advantages over other tissues sources: first, this highly metabolically active organ is the potential source of many transcripts. Second, the placenta forms at a very early stage of embryonic development, potentially allowing detection of primary alterations as compared to secondary changes that may mask the underlying causal phenomena. Finally, studying early placentation may provide targets for development of novel molecular approaches, such as up-regulate or down-regulate genes, the protein products of which could potentially serve as molecular surrogates for diagnosis and treatment of pregnancy complication such as miscarriages, pre-eclampsia, pregnancy induced hypertension and intrauterine growth retardation. This work has led to the first Trisomy 21, Trisomy 18, trisomy 13 cell lines established from human placentas making it possible to apply gene editing in the early stages of human trophoblast development.

As my primary clinical responsibility involves treating patients needing medical care and support through their high risk pregnancies, I am interested in factors that may impact outcomes, such as prenatal screening and diagnosis, maternal heart conditions, labor and delivery management, and safety approaches for the second stage of labor. In investigating length of labor and approaches to shorten the second stage, I have found methods of improving perinatal outcomes in diverse maternal populations.

With regards to my interest in fetal medicine, I have worked in collaboration with other specialists such as radiologists and pediatric cardiologists utilizing imaging studies to assess and determine successful perinatal care and fetal survival.

CLINICAL FOCUS

- High Risk Obstetrics
- Genetics
- Maternal Cardiac Conditions

- Maternal and Fetal Medicine

ACADEMIC APPOINTMENTS

- Clinical Professor, Obstetrics & Gynecology - Maternal Fetal Medicine
- Member, Cardiovascular Institute
- Member, Maternal & Child Health Research Institute (MCHRI)

ADMINISTRATIVE APPOINTMENTS

- Global Health ACOG/ US.Gov Fellow Associate, ACOG, (2017- present)
- Diversity Communication Advisory Board (CAB) member, Stanford University SOM, (2016- present)
- Office of the Dean for Faculty Development and Diversity (OFDD) Liaison, Stanford University SOM, (2015- present)

HONORS AND AWARDS

- Peter A. Grannum, M.D Memorial Award". Excellence in Teaching, Yale University (2001-04)
- "Lysosomal Diseases and Brain Scholar Award", Children's Gaucher Research Foundation (2008)
- Outstanding Faculty Award in Medical Student Teaching, UCSF (2009)
- March of Dimes Scholar, "Reproductive Scientist Development Award", NIH/NICHD/ MOD (2011-13)
- Outstanding Faculty Award in Medical Student Teaching, UCSF (2012)
- Outstanding Faculty Teaching Award, UCSF (2015)
- Academy for Leadership and Development Scholar, SMFM (2016)
- Stanford Leadership Development Program Scholar, Stanford University/Stanford Health care System (2018-19)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- OBGYN, American Board of Obstetrics and Gynecology (2007 - present)
- Medical Geneticist, American Board of Medical genetics and Genomics (2011 - present)
- Maternal-Fetal-Medicine specialist, American Board of Obstetrics and Gynecology (2013 - present)

PROFESSIONAL EDUCATION

- Board Certification: Clinical Genetics and Genomics, American Board of Medical Genetics and Genomics (2022)
- Residency: Yale School Of Medicine (2004) CT
- Internship: Yale School Of Medicine (2004) CT
- Board Certification: Clinical Genetics, American Board of Medical Genetics and Genomics (2011)
- Fellowship, University of California, at San Francisco (UCSF) , Diagnostic Imagine (2006)
- Board Certification: Obstetrics and Gynecology, American Board of Obstetrics and Gynecology (2007)
- Board Certification: Maternal and Fetal Medicine, American Board of Obstetrics and Gynecology (2013)
- Fellowship: University of California San Francisco (2008) CA
- Medical Education: Central University of Venezuela (1997) Venezuela

COMMUNITY AND INTERNATIONAL WORK

- Utilization of Obstetrics Simulation to decrease Adverse Perinatal Outcomes

Teaching

COURSES

2025-26

- Medical Spanish: INDE 274 (Spr)

2024-25

- Medical Spanish: INDE 274 (Spr)
- Obstetrics and Gynecologic Skills Simulation: OBGYN 222 (Win)

2023-24

- Medical Spanish: INDE 274 (Spr)
- Obstetrics and Gynecologic Skills Simulation: OBGYN 222 (Win)

2022-23

- Medical Spanish: INDE 274 (Spr)
- Obstetrics and Gynecologic Skills Simulation: OBGYN 222 (Win)

STANFORD ADVISEES

Med Scholar Project Advisor

Katherine Fu, Elisa Padron

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Neonatal-Perinatal Medicine (Fellowship Program)

Publications

PUBLICATIONS

- **Associations Among Physical Activity, Leukocyte Telomere Length, and Depression in Pregnancy: A Cohort Study.** *Women's health issues : official publication of the Jacobs Institute of Women's Health*
Panelli, D. M., Buthmann, J. L., Hian Tan, K., Chen, H., Tan, A. P., Chong, Y. S., Bianco, K., Gotlib, I. H.
2026
- **Maternal Congenital Heart Defects are Associated with Increased Risk of Gestational Diabetes During Pregnancy.**
Harvey, L., Sherwin, E., Plummer, X., Caraballo, G., Munoz, Y., Parker, G., Dunsby, B., Carmichael, S., Kandelwal, A., Bianco, K.
SPRINGER HEIDELBERG.2026
- **Association of depressive and/or pregnancy-related anxiety symptoms in pregnancy with maternal and neonatal biologic aging.** *BMC pregnancy and childbirth*
Panelli, D. M., Bianco, K., L Rifas-Shiman, S., Oken, E., Hivert, M. F., Hernandez-Castro, I., Shaw, G. M., Cardenas, A.
2026
- **Assessing the Role of Cardiac Disease in Severe Maternal Morbidity: A Population-Based Cohort Study.** *O&G open*
Darmawan, K. F., Sherwin, E. B., Leonard, S. A., Panelli, D. M., Mayo, J. A., Girsen, A. I., Carmichael, S. L., Khandelwal, A., Bianco, K.
2026; 3 (1): e152
- **An encyclopedia of the cord blood metabolome reveals maternal-fetal interactions and disease risk.** *Cell reports. Medicine*
Lancaster, S., Mataraso, S., Reiss, J. D., Contrepolis, K., Trowbridge, C. A., Michael, B., Simms, I., Ellenberger, M., Gibson, M., Clary, M., McGuire, L., Wong, F., Canfield, et al
2026: 102548
- **Association of depressive and/or pregnancy-related anxiety symptoms in pregnancy with maternal and neonatal biologic aging** *BMC Pregnancy and Childbirth*

- Panelli, D. M., Bianco, K., Rifas-Shiman, S. L., Oken, E., Hivert, M., Hernandez-Castro, I., Shaw, G. M., Cardenas, A.
2026
- **Adverse childhood experiences and post-cesarean pain and in-hospital opioid use: a prospective cohort study.** *International journal of obstetric anesthesia*
Joudi, N., Reddy, N. S., Sherwin, E. B., Markwei, M., Hurtado, J., Simpson, S. L., Burgess, J. J., Leonard, S. A., Schultz, M., Carvalho, B., Sultan, P., Bianco, K., Panelli, et al
2025; 65: 104822
 - **Diagnosis and Management of Idiopathic Intracranial Hypertension in Pregnant Patients** *CURRENT OBSTETRICS AND GYNECOLOGY REPORTS*
Goldman, A., Major-Siciliano, I., Bianco, K.
2025; 14 (1)
 - **Trends in fetal autopsy and placental histopathology following stillbirth, United States, 2014-2023.** *Journal of perinatology : official journal of the California Perinatal Association*
Montgomery, S., Bianco, K., Sherwin, E. B., Miller, H. E., Lathi, R. B., Leonard, S. A.
2025
 - **Longitudinal Epigenetic Aging in Pregnancy and Associations With Adverse Outcomes.** *Obstetrics and gynecology*
Panelli, D. M., Gladish, N., Perlman, N. C., Leonard, S. A., Chueh, J., Gotlib, I. H., Cardenas, A., Bianco, K.
2025
 - **Associations of adverse childhood experiences (ACE) with pregnancy outcomes in people with cardiac disease.** *European journal of obstetrics, gynecology, and reproductive biology*
Jimenez Ramirez, N., Panelli, D., Padron, E., Veliz-Dominguez, L., Lee, C., Bianco, K.
2025; 312: 114547
 - **Predicting Placenta Accreta Spectrum Disorder Through Machine Learning Using Metabolomic and Lipidomic Profiling and Clinical Characteristics.** *Obstetrics and gynecology*
Miller, S., Lyell, D., Maric, I., Lancaster, S., Sylvester, K., Contrepolis, K., Kruger, S., Burgess, J., Stevenson, D., Aghaeepour, N., Snyder, M., Zhang, E., Badillo, et al
2025; 145 (6): 721-731
 - **The Influence of Childhood Abuse, Neglect, and Household Dysfunction on Postpartum Opioid Use**
Reddy, N., Sherwin, E., Hurtado, J., Simpson, S., Burgess, J., Joudi, N., Markwei, M., Schultz, M., Sultan, P., Carvalho, B., Bianco, Y., Panelli, D.
SPRINGER HEIDELBERG.2025: 51A
 - **Corrigendum to "Mode of delivery predicts postpartum maternal leukocyte telomere length" [Eur. J. Obstetr. Gynecol. Reprod. Biol. 300 (2024) 224-229].** *European journal of obstetrics, gynecology, and reproductive biology*
Panelli, D. M., Mayo, J. A., Wong, R. J., Becker, M., Feyaerts, D., Marić, I., Wu, E., Gotlib, I. H., Gaudillière, B., Aghaeepour, N., Druzin, M. L., Stevenson, D. K., Shaw, et al
2024; 304: 35
 - **GENETIC TESTING OF MISCARRIAGES: THE HISPANIC EXPERIENCE FROM THE HARNESS MULTIPLE OPPORTUNITIES FOR PREGNANCY LOSS EXPLORATION (HOPE) NATIONAL REGISTRY**
Rivera-Cruz, G., Kruger, S. L., Tise, C. G., Bianco, K., Lathi, R. B.
ELSEVIER SCIENCE INC.2024: E410
 - **Virtual simulation training for postpartum hemorrhage in low-to-moderate-volume hospitals in the US.** *AJOG global reports*
Minor, K. C., Bianco, K., Mayo, J. A., Abir, G., Judy, A. E., Lee, H. C., Leonard, S. A., Ayotte, S., Hedli, L. C., Schaffer, K., Sie, L., Daniels, K.
2024; 4 (3): 100357
 - **Gender diversity in pediatric surgery: academic ranks and scholarly productivity amongst pediatric surgeons.** *Frontiers in surgery*
Mullis, D. M., Mueller, C., Bonham, S. A., Hunt, E., Uribe, D., Miller, H., Bianco, Y. K.
2024; 11: 1442501
 - **Association of pregnancy complications and postpartum maternal leukocyte telomeres in two diverse cohorts: a nested case-control study.** *BMC pregnancy and childbirth*
Panelli, D. M., Wang, X., Mayo, J., Wong, R. J., Hong, X., Becker, M., Aghaeepour, N., Druzin, M. L., Zuckerman, B. S., Stevenson, D. K., Shaw DrPH, G. M., Bianco, K.

2024; 24 (1): 490

- **Mode of delivery predicts postpartum maternal leukocyte telomere length.** *European journal of obstetrics, gynecology, and reproductive biology*
Panelli, D. M., Mayo, J. A., Wong, R. J., Becker, M., Feyaerts, D., Marić, I., Wu, E., Gotlib, I. H., Gaudillière, B., Aghaeepour, N., Druzin, M. L., Stevenson, D. K., Shaw, et al
2024; 300: 224-229
- **Gender diversity in pediatric surgery: academic ranks and scholarly productivity amongst pediatric surgeons** *Frontiers in Surgery*
Mullis, D. M., Mueller, C., Bonham, S. A., Hunt, E., Uribe, D., Miller, H., Bianco, Y.
2024; 114
- **Maternal cardiac disease and perinatal outcomes in a single tertiary care center.** *The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians*
Gonzalez, J. M., Harris, I., Jimenez Ramirez, N., Myers, D., Killion, M., Thiet, M. P., Bianco, K.
2023; 36 (2): 2223336
- **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
- **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
- **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
- **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
- **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., Aghaeepour, N., Druzin, M. L., Stevenson, D. K., Shaw, G. M., Bianco, K.
MOSBY-ELSEVIER.2023: S456-S457
- **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
- **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
- **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
- **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

- **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
- **Mixed methods evaluation of simulation-based training for postpartum hemorrhage management in Guatemala.** *BMC pregnancy and childbirth*
Parameshwar, P. S., Bianco, K., Sherwin, E. B., Meza, P. K., Tolani, A., Bates, P., Sie, L., Lopez Enriquez, A. S., Sanchez, D. E., Herrarte, E. R., Daniels, K.
2022; 22 (1): 513
- **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., Aghaepour, N., Druzin, M. L., Shaw, G. M., Stevenson, D. K., Bianco, et al
2022; 22 (1): 381
- **Gender-based salary differences in academic medicine: a retrospective review of data from six public medical centers in the Western USA.** *BMJ open*
Miller, H., Seckel, E., White, C. L., Sanchez, D., Rubesova, E., Mueller, C., Bianco, K.
2022; 12 (4): e059216
- **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
- **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
- **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
- **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
- **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., Aghaepour, N., Druzin, M. L., Shaw, G. M., Zuckerman, B. S., Stevenson, D. K., Bianco, K.
MOSBY-ELSEVIER.2022: S646
- **Preterm twin gestation: The association between severity of small for gestational age and neonatal outcomes**
Miller, H. E., Sie, L., Minor, K. C., Bianco, K., Druzin, M. L., Lee, H. C., Leonard, S. A.
MOSBY-ELSEVIER.2022: S391-S392
- **Metabolic profiling of placental tissue and maternal plasma to identify biomarkers of placenta accreta spectrum**
Miller, S. E., Contrepolis, K., Michael, B., Cruz, G., Simms, I., Dato, I., Sylvester, K., Silver, R. M., Einerson, B. D., Bianco, K., Lyell, D. J.
MOSBY-ELSEVIER.2022: S14-S15
- **Cellular aging and telomere dynamics in pregnancy.** *Current opinion in obstetrics & gynecology*
Panelli, D. M., Bianco, K.
2021
- **Newborn screen metabolic panels reflect the impact of common disorders of pregnancy.** *Pediatric research*
Reiss, J. D., Chang, A. L., Mayo, J. A., Bianco, K., Lee, H. C., Stevenson, D. K., Shaw, G. M., Aghaepour, N., Sylvester, K. G.
2021

- **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)
- **Myocardial Bridge in Pregnancy: Beyond a 'Normal Anatomic Variant'.**
Joudi, N., Datoc, I., Leonard, S., Lee, C., Schnittger, I., Khandelwal, A., Bianco, K.
SPRINGER HEIDELBERG.2021: 267A
- **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
- **Novel Approaches to Develop Critical Reference Materials for Noninvasive Prenatal Testing: A Pilot Study.** *The journal of applied laboratory medicine*
Bianco, K., Sherwin, E. B., Konigshofer, Y., Girsen, A. I., Sylvester, K. G., Garlick, R. K.
2021
- **Outcomes in pregnancies complicated by IUGR before 32 weeks: does the degree of SGA matter?**
Minor, K., Bianco, K., Sie, L., Druzin, M. L., Lee, H. C., Leonard, S. A.
MOSBY-ELSEVIER.2021: S519
- **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
- **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: 100412
- **Changing the Landscape of Obstetric Resident Education in LMIC Using Simulation-Based Training.** *International journal of gynaecology and obstetrics: the official organ of the International Federation of Gynaecology and Obstetrics*
Meza, P. K., Bianco, K., Herrarte, E., Daniels, K.
2020
- **Measurement of Marginal Placental Cord Insertion by Prenatal Ultrasound Was Found Not to Be Predictive of Adverse Perinatal Outcomes.** *Journal of ultrasound in medicine : official journal of the American Institute of Ultrasound in Medicine*
Lutz, A. B., Young-Lin, N., Leon-Martinez, D., Bianco, I. C., Seckel, E., Mrazek-Pugh, B., Bianco, K.
2020
- **Use of Remdesivir for Pregnant Patients with Severe Novel 2019 Coronavirus Disease.** *American journal of obstetrics and gynecology*
Igbinosa, I., Miller, S., Bianco, K., Nelson, J., Kappagoda, S., Blackburn, B. G., Grant, P., Subramanian, A., Lyell, D., El-Sayed, Y., Aziz, N.
2020
- **Changing the Landscape of Obstetric Resident Education in LMIC Using Simulation Based Training**
Meza, P. K., Bianco, K., Herrarte, E., Daniels, K.
LIPPINCOTT WILLIAMS & WILKINS.2020: 80S
- **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., Khandelwal, 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
- **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

- **Measurement of Marginal Placental Cord Insertion by Prenatal Ultrasound Was Found Not to Be Predictive of Adverse Perinatal Outcomes** *Journal of Ultrasound in Medicine*
Lutz, A. B., Young-Lin, N., Leon-Martinez, D., Bianco, I. C., Seckel, E., Mrazek-Pugh, B., Bianco, K.
2020
- **Bicuspid Aortic Valve and Ascending Aortic Aneurysm in a Twin Pregnancy.** *JACC. Case reports*
Bryant, E., Tsai, S., Levin, E., Fleischman, D., Ansari, J., Fischbein, M., Bianco, K., Khandelwal, A.
2020; 2 (1): 96-100
- **Trisomy 21 is Associated with Caspase-2 Upregulation in Cytotrophoblasts at the Maternal-Fetal Interface** *REPRODUCTIVE SCIENCES*
Leon-Martinez, D., Robinson, J. F., Zdravkovic, T., Genbacev, O., Gormley, M., McMaster, M., Fisher, S. J., Bianco, K.
2020; 27 (1): 100–109
- **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
- **Impact of gender, rank and research productivity on salary in obstetrics and gynecology**
Miller, H. E., Seckel, E., Sanchez, D., White, C., Mueller, C., Bianco, K.
MOSBY-ELSEVIER.2020: S356
- **Changes in pregnancy-related serum biomarkers early in gestation are associated with later development of preeclampsia.** *PLoS one*
Hao, S. n., You, J. n., Chen, L. n., Zhao, H. n., Huang, Y. n., Zheng, L. n., Tian, L. n., Maric, I. n., Liu, X. n., Li, T. n., Bianco, Y. K., Winn, V. D., Aghaeepour, et al
2020; 15 (3): e0230000
- **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
- **A Multidisciplinary Approach to Care of Pregnant Patients with History of Open Heart Surgery.**
Do, S. C., Lee, C. J., Sie, L., Tolani, A. T., Sherwin, E., Girsen, A. I., El-Sayed, Y. Y., Khandelwal, A., Bianco, K., Blumenfeld, Y. J.
SAGE PUBLICATIONS INC.2019: 323A–324A
- **Care of the pregnant cardiac patient e the importance of a multidisciplinary approach**
Tolani, A. T., Do, S. C., Blumenfeld, Y. J., Sie, L., Girsen, A. I., Lee, C. J., Sherwin, E. B., Tsur, A., El-Sayed, Y. Y., Khandelwal, A., Bianco, K.
MOSBY-ELSEVIER.2019: S536
- **Outcomes of women with primary and secondary pulmonary hypertension during pregnancy**
Blumenfeld, Y. J., Girsen, A. I., Druzin, M. L., Lyell, D. J., Bianco, K. Y., Herrero, T., Bentley, J., Seckel, E., Zamanian, R. T., El-Sayed, Y. Y.
MOSBY-ELSEVIER.2019: S405
- **Donor-derived circulating cell-free DNA (ccfDNA) reference materials for concordance studies**
Konigshofer, Y., Butler, M. G., Dickens, J., Bianco, K., Sylvester, K. G., Anekella, B., Garlick, R. K.
AMER ASSOC CANCER RESEARCH.2018
- **Hospital variations in the use of forceps assisted delivery - results from a state-wide analysis**
Bentley, J., Lee, H., Lyell, D., El-Sayed, Y., Ness, A., Bianco, K., Spiegel, A., Blumenfeld, Y.
MOSBY-ELSEVIER.2018: S344
- **Maternal morbidity after forceps vs vacuum assisted delivery - Outcomes from a large state-wide cohort**
Bentley, J., Lyell, D., El-Sayed, Y., Ness, A., Foeller, M., Bianco, K., Spiegel, A., Martin, B., Do, S., Blumenfeld, Y.
MOSBY-ELSEVIER.2018: S345
- **Fetal intolerance to labor in pregnancies complicated by marginal and eccentric cord insertion**
Young-Lin, N., Lutz, A., Leon-Martinez, D., Ye, C., Torosis, M., Jazayeri, Y., Pugh, B., Bianco, K.
MOSBY-ELSEVIER.2018: S285
- **Gene expression network analysis in aneuploid human trophoblast progenitor cells (TBPC) reveals modular structures**
Leon-Martinez, D., Ling, X., Hao, S., Sylvester, K., Bianco, K.

MOSBY-ELSEVIER.2018: S163–S164

- **Neonatal outcomes after operative vaginal delivery - are forceps or vacuum safer?**
Bentley, J. P., Lee, H., Lyell, D., El-Sayed, Y., Ness, A., Bianco, K., Yeaton-Massey, A., Blumenfeld, Y.
MOSBY-ELSEVIER.2018: S343–S344
- **Placental transcriptomes in the common aneuploidies reveal critical regions on the trisomic chromosomes and genome-wide effects** *PRENATAL DIAGNOSIS*
Bianco, K., Gormley, M., Farrell, J., Zhou, Y., Oliverio, O., Tilden, H., McMaster, M., Fisher, S. J.
2016; 36 (9): 812-822
- **Human trophoblast progenitor cell (TBPC) lines derived from aneuploid placentas: studying fundamental aspects of trophoblast biology**
Bianco, K., Leon-Martinez, D., Farrell, J., Gormley, M., McMaster, M., Fisher, S. J.
MOSBY-ELSEVIER.2016: S331
- **Integrative analysis of 111 reference human epigenomes.** *Nature*
Kundaje, A., Meuleman, W., Ernst, J., Bilenky, M., Yen, A., Heravi-Moussavi, A., Kheradpour, P., Zhang, Z., Wang, J., Ziller, M. J., Amin, V., Whitaker, J. W., Schultz, et al
2015; 518 (7539): 317-330
- **Pregnancy complications are increased among women with cardiomyopathy compared to those with other cardiac diseases**
Bianco, K., Harris, I., Henry, D., Killion, M., Bosco, V., Thiet, M., Gonzalez, J.
MOSBY-ELSEVIER.2015: S68–S69
- **Congenital Heart Disease and Perinatal Outcomes.**
Henry, D., Clay, J., Gonzalez, J. M., Harris, I. S., Tilden, H., Bianco, K.
SAGE PUBLICATIONS INC.2014: 148A
- **Reversal of gene dysregulation in cultured cytotrophoblasts reveals possible causes of preeclampsia** *JOURNAL OF CLINICAL INVESTIGATION*
Zhou, Y., Gormley, M. J., Hunkapiller, N. M., Kapidzic, M., Stolyarov, Y., Feng, V., Nishida, M., Drake, P. M., Bianco, K., Wang, F., McMaster, M. T., Fisher, S. J.
2013; 123 (7): 2862–72
- **Decidua-Placental Interface Show Abnormal Epigenetic Profiles in Common Aneuploidies**
Houshdaran, S., Tilden, H., Bianco, K.
SAGE PUBLICATIONS INC.2013: 254A
- **Genomic profiles in common aneuploidies: a combination of dose effects and whole genome misregulation**
Bianco, K., Gormley, M., Tilden, H., McMaster, M., Fisher, S.
MOSBY-ELSEVIER.2013: S30
- **Human Placenta Undergoes Global DNA Methylation Modification during Normal Gestation**
Houshdaran, S., Goldfien, G. A., Bianco, K.
SAGE PUBLICATIONS INC.2012: 383A–384A
- **Genomic imprinting in offspring conceived with assisted reproductive technology** *31st Annual Scientific Meeting of the Society-of-Maternal-Fetal-Medicine (SMFM)*
Norton, M., Haston, K., Reijo-Pera, R., Chueh, J., Blumenfeld, Y., Bianco, K., Zlatnik, M.
MOSBY-ELSEVIER.2011: S284–S285
- **Stem Cells in Hepatic Regeneration After Injury** *ADVANCES IN WOUND CARE, VOL 1*
Kuscuoglu, U., Bianco, K., Sylvester, K. G.
edited by Sen, C. K.
2010; 1: 526–31
- **Effect of estradiol on oocyte development** *INTERNATIONAL JOURNAL OF GYNECOLOGY & OBSTETRICS*
Bianco, K., Mahutte, N. G., Arici, A., Sakkas, D., Taylor, H. S.
2009; 104 (3): 230–32
- **Operative vaginal delivery: Now or later?**

Cheng, Y. W., Bianco, K., Shaffer, B. L., Lyell, D., Caughey, A. B.
MOSBY-ELSEVIER.2007: S97

- **Fetal cerebellar hemorrhage in parvovirus-associated non-immune hydrops fetalis** *JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE*
Glenn, O. A., Bianco, K., Barkovich, A., Callen, P. W., Parer, J. T.
2007; 20 (10): 769–72
- **Second-trimester ductus venosus measurement and adverse perinatal outcome in fetuses with congenital heart disease** *JOURNAL OF ULTRASOUND IN MEDICINE*
Bianco, K., Small, M., Julien, S., Kershaw, T., Michon, M., Copel, J.
2006; 25 (8): 979–82
- **History of miscarriage and increased incidence of fetal aneuploidy in subsequent pregnancy** *OBSTETRICS AND GYNECOLOGY*
Bianco, K., Caughey, A. B., Shaffer, B. L., Davis, R., Norton, M. E.
2006; 107 (5): 1098–1102
- **Second trimester ductus venosus measurements as a predictor of adverse perinatal outcome in congenital heart disease**
Bianco, K., Small, M., Browne, N., Julien, S., Kershaw, T., Michon, M., Copel, J.
MOSBY, INC.2004: S173
- **Elevated estradiol levels in oocyte donation cycles do not impair ART outcomes for the recipients.**
Bianco, K., Mahutte, N. G., Arici, A., Duleba, A. J., Taylor, H. S., Sakkas, D.
ELSEVIER SCIENCE INC.2003: S165
- **Chronic antepartum maternal hyperoxygenation in a case of severe fetal Ebstein's anomaly with circular shunt physiology.** *Annals of pediatric cardiology*
Arunamata, A. n., Axelrod, D. M., Bianco, K. n., Balasubramanian, S. n., Quirin, A. n., Tacy, T. A.
; 10 (3): 284–87

PRESENTATIONS

- Implication of Perinatal Zika Infection - National OBGYN Congress (March 22, 2017)
- Periviability - Dept OBGYN, MFM/Research Division (11/4/2017)
- Pregnancy and Spontaneous Coronary Artery Dissection (P-SCAD)
- Trophoblast Genetic Profiling in common Trisomies - NIH/NICHD
- Epigenetic modification through DNA Methylation/Histone modification at the maternal-fetal interface of pregnancies complicated with chromosomal aberration - UCSF
- The role of USP16 in The Down Syndrome placenta and implication for placenta development - SMFM
- Maternal Cardiac Disease (MCD) and Perinatal Outcomes in a Single Tertiary Care Center: Pregnancy and Cardiac Diseases Treatment (PACT) Program Experience - 3rd International Congress on Cardiac Problems in Pregnancy (CPP 2014)