

DEPARTMENT OF OBSTETRICS, GYNECOLOGY, AND REPRODUCTIVE SCIENCES

2021 DEPARTMENT CURRICULUM VITAE

Executive Summary

(_) is number of faculty in the division	Department Total (64 [3 hybrid])	Family Planning (3)	FPMRS (4)	General OG (17)	GynOnc (7)	Hospitalist (10)	MFM (15)	REI (11)
Peer-Reviewed Research Publications	241	19	28	1	56	7	90	40
Review Articles and Book Chapters	11	0	1	0	1	3	4	2
Abstracts	81	3	4	0	20	3	33	18
Invited Presentations	111	8	17	4	10	11	41	20
Honors and Awards	39	4	4	3	3	8	6	11

Scholarly work with multiple faculty members across divisions:

Peer-Reviewed Research Publications

- Zhang-Rutledge K, Pinson K, Perez M, Adami RR, Melber D, **Jacobs M**, Parast M, **Lamale-Smith L**, **Averbach S**, Hahn M, Pretorius D, **Ballas J**. FundAI Retroflexion (FAR) Angle is a Novel Sonographic Marker Associated With Cesarean Scar Pregnancies in the First Trimester: A Case-Control Study. J Ultrasound Med. 2022 Feb;41(2):327-333. doi: 10.1002/jum.15704. Epub 2021 Mar 26. PMID: 33769573.
- **LaCoursiere DY**, **Eskander R**, **Miller C**, **Brubaker L**. Rapid Reorganization of an Academic OB-GYN Workforce During the COVID-19 Pandemic. J Reprod Med. 2021 Apr;66(2)67-74.
- Swor EC, Armijo GN, **Ramos GA**, Richards MK, **LaCoursiere DY**. Incidence of Abnormal Glucose Values After Delivery in Women With Gestational Diabetes Mellitus. Obstet Gynecol. 2021 Apr 1;137(4):670-672. PMID: 33706347.
- Melber DJ, Berman ZT, **Jacobs MB**, Picel AC, Conturie CL, Zhang-Rutledge K, **Binder PS**, **Eskander RN**, Roberts AC, **McHale MT**, **Ramos GA**, **Ballas J**, **Kelly TF**. Placenta Accreta Spectrum Treatment With Intraoperative Multivessel Embolization: the PASTIME protocol. Am J Obstet Gynecol. 2021 Oct;225(4):442.e1-442.e10. doi: 10.1016/j.ajog.2021.07.001. Epub 2021 Jul 7. PMID: 34245679.

- Rieger M, Duran P, Cook M, Schenk S, Shah M, **Jacobs M**, Christman K, Kado DM, **Alperin M**. Quantifying the Effects of Aging on Morphological and Cellular Properties of Human Female Pelvic Floor Muscles. Ann Biomed Eng. 2021 Aug;49(8):1836-1847. doi: 10.1007/s10439-021-02748-5. Epub 2021 Mar 8. PMID: 33683527; PMCID: PMC8376748.
- C Secchi, P Benaglio, F Mulas, M Belli, **D Stupack**, **S Shimasaki**. FOXO1 Mitigation of FOXL2C143W/SMAD3 Transcriptomic Landscape in a Model of Granulosa Cell Tumor Journal of the Endocrine Society doi: 10.1186/s12967-021-02754-0. PMID: 33639972.
- Secchi C, Belli M, **Harrison NH**, Swift J, Ko CM, **Duleba AJ**, **Stupack D**, **Chang RJ**, **Shimasaki S**. Effect of the special-temporal specific theca cell Cyp17 overexpression on the reproductive phenotype of the novel TC17 mouse. J Transl Med 2021.19:428 PMID: 34654452.
- Delker E, Bandoli G, **LaCoursiere Y**, Ferran K, Gallo L, Oren E, Gahagan S, **Ramos SG**, Allison M. Chronic hypertension and risk of preterm delivery: National Longitudinal Study of Adolescents to Adult Health. Paediatric and Perinatal Epidemiology. Accepted, 2021.

Abstracts

- Hom MS, Mowers E, Barrie A, Jou J, **Harrison T**, Koonings P, **Saenz C**, **Plaxe S**, **Binder P**, **McHale M**, **Eskander R**. Effect of mismatch repair protein status on outcomes in high intermediate risk endometrial cancer. 52nd Annual Meeting of Society of Gynecologic Oncology, March 19-25, 2021.
- **Cormano JL**, **Hoang M**, **Mody SK**, Coffey CS. Remote Clinical Learning in the OB/GYN Clerkship: An Innovative Strategy During COVID-19. 2021 CREOG & APGO Meeting.

List by division (alpha)

FAMILY PLANNING

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Adams M, Kully G, Tilford S, White K, **Mody S**, Hildebrand M, Johns N, Grossman D, **Averbach S**. Time from first clinical contact to abortion in Texas and California. Contraception. 2021 Dec 28:S0010-7824(21)00471-6. doi: 10.1016/j.contraception.2021.12.009. Epub ahead of print. PMID: 34971611.

Abstracts

- Zachek C, **Mody S**, Siddiqui S, Sandoval S, Bukowski M, Jacobs S, **Averbach S**. Exploring the impact of COVID-19 on gestational age at the time of abortion: an interrupted time series analysis in Southwestern California. Poster presentation, Society of Family Planning Annual Meeting, October 2021. Published as an abstract in Contraception, Vol. 104, Issue 4.

AVERBACH, Sarah

Peer-Reviewed Research Publications

- Adams M, Kully G, Tilford S, White K, Mody S, Hildebrand M, Johns N, Grossman D, **Averbach S**. Time from first clinical contact to abortion in Texas and California. Contraception. 2021 Dec 28:S0010-7824(21)00471-6. doi: 10.1016/j.contraception.2021.12.009. Epub ahead of print. PMID: 34971611.
- Sophie L. Goemans, Abhishek Singh, Ajit Kumar Yadav, Lotus McDougal, Anita Raj, **Sarah H. Averbach**, The association between intimate partner violence and recent self-managed abortion in India, AJOG Global Reports, Volume 1, Issue 4, 2021, 100029, ISSN 2666-5778, <https://doi.org/10.1016/j.xagr.2021.100029>.
- Ramos-Rivera M, **Averbach S**, Selvaduray P, Gibson A, Ngo LL. Complications after interval postpartum intrauterine device insertion. Am J Obstet Gynecol. 2022 Jan;226(1):95.e1-95.e8. doi: 10.1016/j.ajog.2021.08.028. Epub 2021 Aug 28. PMID: 34461075; PMCID: PMC8940222.

- COVIDSurg Collaborative; GlobalSurg Collaborative. Effects of pre-operative isolation on postoperative pulmonary complications after elective surgery: an international prospective cohort study. *Anaesthesia*. 2021 Nov;76(11):1454-1464. doi: 10.1111/anae.15560. Epub 2021 Aug 9. PMID: 34371522.
- Dixit A, Johns NE, Ghule M, Battala M, Begum S, Yore J, Saggurti N, Silverman JG, Reed E, Benmarhnia T, **Averbach S**, Raj A. Male-female concordance in reported involvement of women in contraceptive decision-making and its association with modern contraceptive use among couples in rural Maharashtra, India. *Reprod Health*. 2021 Jun 30;18(1):139. doi: 10.1186/s12978-021-01187-8. PMID: 34193214; PMCID: PMC8244175.
- Kaller S, Morris N, Biggs MA, Baba CF, Rafie S, Raine-Bennett TR, Creinin MD, Berry E, Micks EA, Meckstroth KR, **Averbach S**, Grossman D. Pharmacists' knowledge, perspectives, and experiences with mifepristone dispensing for medication abortion. *J Am Pharm Assoc* (2003). 2021 Nov-Dec;61(6):785-794.e1. doi: 10.1016/j.japh.2021.06.017. Epub 2021 Jun 18. PMID: 34281806.
- Cannon SM, Graber S, King HL, Hanashiro M, **Averbach S**, Moore DJ, Blumenthal J. PrEP University: A Multi-Disciplinary University-Based HIV Prevention Education Program. *J Community Health*. 2021 Dec;46(6):1213-1220. doi: 10.1007/s10900-021-01007-x. Epub 2021 Jun 9. PMID: 34106369; PMCID: PMC8595182.
- Global Surgery Collaborative SARS-CoV-2 vaccination modeling for safe surgery to save lives: data from an international prospective cohort study. *Br J Surg*. 2021 Mar 24:znab101, *epub ahead of print*. PMID: 33761533.
- Dey AK, **Averbach S**, Dixit A, Chakraverty A, Dehingia N, Chandurkar D, Singh K, Choudhry V, Silverman JG, Raj A. Measuring quality of family planning counselling and its effects on uptake of contraceptives in public health facilities in Uttar Pradesh, India: A cross-sectional analysis. *PLoS One*. 2021 May 4;16(5):e0239565. doi: 10.1371/journal.pone.0239565. PMID: 33945555; PMCID: PMC8096066.
- Crouthamel B, Pearson E, Tilford S, Hurst S, Paul D, Aqtar F, Silverman J, **Averbach S**. Out-of-clinic and self-managed abortion in Bangladesh: menstrual regulation provider perspectives. *Reprod Health*. 2021 Mar 25;18(1):69. doi: 10.1186/s12978-021-01123-w. PMID: 33766050; PMCID: PMC7993471.
- Zhang-Rutledge K, Pinson K, Perez M, Adami RR, Melber D, Jacobs M, Parast M, Lamale-Smith L, **Averbach S**, Hahn M, Pretorius D, Ballas J. FundAI Retroflexion (FAR) Angle is a Novel Sonographic Marker Associated With Cesarean Scar Pregnancies in the First Trimester: A Case-Control Study. *J Ultrasound Med*. 2022 Feb;41(2):327-333. doi: 10.1002/jum.15704. Epub 2021 Mar 26. PMID: 33769573.
- Grossman D, Baba CF, Kaller S, Biggs MA, Raifman S, Gurazada T, Rafie S, **Averbach S**, Meckstroth KR, Micks EA, Berry E, Raine-Bennett TR, Creinin MD. Medication Abortion With Pharmacist Dispensing of Mifepristone. *Obstet Gynecol*. 2021 Apr 1;137(4):613-622. doi: 10.1097/AOG.0000000000004312. PMID: 33706339; PMCID: PMC7984759.

- Seidman D, Cavois M, Hilton JF, Roan NR, **Averbach S**, Takeda M, Chang E, Raman N, Greenblatt R, Shacklett BL, Smith-McCune K. Reproductive tract immune cells from pregnant women or those using depot medroxyprogesterone acetate show no excess susceptibility to HIV-1: Results of an ex vivo fusion assay. *Contraception*. 2021 Jan;103(1):44-47. doi: 10.1016/j.contraception.2020.09.003. Epub 2020 Sep 30. PMID: 33007299; PMCID: PMC7736211.
- Goemans SL, Singh A, Yadav AK, McDougal L, Raj A, **Averbach SH**. The association between intimate partner violence and recent self-managed abortion in India. *AJOG Glob Rep*. 2021 Nov;1(4):100029. doi: 10.1016/j.xagr.2021.100029. Epub 2021 Oct 19. PMID: 35291317; PMCID: PMC8920295.

Abstracts

- Zachek C, Mody S, Siddiqui S, Sandoval S, Bukowski M, Jacobs S, **Averbach S**. Exploring the impact of COVID-19 on gestational age at the time of abortion: an interrupted time series analysis in Southwestern California. Poster presentation, Society of Family Planning Annual Meeting, October 2021. Published as an abstract in *Contraception*, Vol. 104, Issue 4.

Honors and Awards

- Joined the Editorial Board of the Journal *Contraception*, 2021

GUPTA, Pratima

Peer-Reviewed Research Publications

- Devall A, Chu J, Beeson L, Hardy P, Cheed V, Sun Y, Roberts T, Ogwulu CO, Williams E, Jones L, Papadopoulos JF, Bender-Atik R, Brewin J, Hinshaw K, Choudhary M, Ahmed A, Naftalin J, Nunes N, Oliver A, Izzat F, Bhatia K, Hassan I, Jeve Y, Hamilton J, Deb S, Bottomley C, Ross J, Watkins L, Underwood M, Cheong Y, Kumar C, **Gupta P**, Small R, Pringle S, Hodge F, Shahid A, Gallos I, Horne A, Quenby S, Coomarasamy A. Mifepristone and misoprostol versus placebo and misoprostol for resolution of miscarriage in women diagnosed with missed miscarriage: the MifeMiso RCT. *Health Technol Assess*. 2021 Nov;25(68):1-114. doi: 10.3310/hta25680. PMID: 34821547.

Invited Presentations

- Planned Parenthood Southwest and Central Florida- Sex Worker Panel, March 2021
- Future of Women's Health in the Age of Telehealth- panel discussion with Hims/Hers, March 2021
- Kaiser School of Medicine- Sex Worker Health Care needs, April 2021

Honors and Awards

- Society of Family Planning Mentorship Award 2021

MODY, Sheila

Peer-Reviewed Research Publications

- Ghebrendrias S, Pfeil S, Crouthamel B, Chalmiers M, Kully G, **Mody S**. An Examination of Misconceptions and Their Impact on Cervical Cancer Prevention Practices among Sub-Saharan African and Middle Eastern Refugees. Health Equity. 2021 Jun 1;5(1):382-389.
- Adams M, Kully G, Tilford S, White K, **Mody S**, Hildebrand M, Johns N, Grossman D, Averbach S. Time from first clinical contact to abortion in Texas and California. Contraception. 2021 Dec 28:S0010-7824(21)00471-6. doi: 10.1016/j.contraception.2021.12.009. Epub ahead of print. PMID: 34971611.
- Chalmiers MA, Karaki F, Muriki M, **Mody SK**, Chen A, Thiel de Bocanegra H. Refugee women's experiences with contraceptive care after resettlement in high-income countries: A critical interpretive synthesis. Contraception. 2021 Dec 29:S0010-7824(21)00466-2. doi: 10.1016/j.contraception.2021.11.004. Epub ahead of print. PMID: 34971601.
- Siddiqui N, Rafie S, Tall Bull S, **Mody SK**. Access to contraception in pharmacies during the COVID-19 pandemic. J Am Pharm Assoc (2003). 2021 Nov-Dec;61(6):e65-e70. doi: 10.1016/j.japh.2021.08.002. Epub 2021 Aug 8. PMID: 34452840; PMCID: PMC8349401.

Abstracts

- Zachek C, **Mody S**, Siddiqui S, Sandoval S, Bukowski M, Jacobs S, Averbach S. Exploring the impact of COVID-19 on gestational age at the time of abortion: an interrupted time series analysis in Southwestern California. Poster presentation, Society of Family Planning Annual Meeting, October 2021. Published as an abstract in Contraception, Vol. 104, Issue 4.

- Cormano JL, Hoang M, **Mody SK**, Coffey CS. Remote Clinical Learning in the OB/GYN Clerkship: An Innovative Strategy During COVID-19. 2021 CREOG & APGO Meeting.

Invited Presentations

- Remote Clinical Learning in the OB/GYN Clerkship: An Innovative Strategy During COVID-19 Cormano, J, Hoang, M. Mody, S, Coffey C.S. Oral presentation at APGO/CREOG Annual meeting. March 2021
- Invited Speaker, Grand Rounds- Bayfront Health Saint Petersburg OB/GYN, April 2021
- Invited Speaker, University of California, San Diego Center for Perinatal Discovery, June 2021
- Goliaei, Z, **Mody S**, Thiel de Bocanegra, H, Yusufzai, Chalmiers M. (workshop) Virtualizing refugee family planning and reproductive health during the COVID-19 pandemic: Challenges and opportunities (#0052). Society of Family Planning 2021 Annual Meeting. October 1-2, 2021
- Thiel de Bocanegra, H., Goliaei Z, **Mody, S**. (oral presentation) Exploring feasibility and acceptability of virtual groups on sexual reproductive health among refugee women living in California. American Public Health Association Annual Meeting. Oct. 24-27, 2021

Honors and Awards

- UCSD Academy of Clinician Scholars Awards Committee, Chair
- UC San Diego Patient Safety Committee 2021

FEMALE PELVIC MEDICINE AND RESCONSTRUCTIVE SURGERY

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- **Brubaker L**, Gourdine J-P, Siddiqui N, Holland A, Halverson T, Limeria R, Pride D, Ackerman L, Forster C, Jacobs K, Thomas-White K, Putonti C, Dong Q, Weinstein M, **Lukacz E**, Karstens L and Wolfe A. Forming Consensus to Advance Urobiome Research. mSystems. July/August 2021 Volume 6 Issue 4 e01371-20
doi.org/10.1128/mSystems.01371-20.
- Rickey LM, Constantine ML, **Lukacz ES**, Lowder JL, Newman DK, **Brubaker L**, Rudser K, Lewis C, Low LK, Palmer MH, Rockwood T, Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium Measuring Bladder Health: Development and Cognitive Evaluation of Items for a Novel Bladder Health Instrument. J. Urol. 2021 May;205(5):1407-1414 PMID: 33350312 PMCID: PMC8068674 (available on 2022-05-01) DOI: 10.1097/JU.0000000000001581.

Abstracts

- Putnam S, Constantine M, Cain C, Rudser K, **Lukacz ES**, **Brubaker L**, Rickey L, Rockwood T; For the PLUS Research Consortium. Prompting Recall Inclusion: Wording, Time and Intensity. American Association for Public Opinion Research (AAPOR)
- Constantine M, Cain C, Putnam S, Rickey L, Rockwood T, **Lukacz ES**, Lewis CE, Newman DK, **Brubaker L**, Palmer M, Rudser K; For the PLUS Research Consortium. What is in a word: Accidents, Leaking and Losing. American Association for Public Opinion Research (AAPOR)

ALPERIN, Marianna

Peer-Reviewed Research Publications

- Rieger MM, Wong M, Burnett LA, Sesillo FB, Baynes BB, **Alperin M**. Mechanisms governing protective pregnancy-induced adaptations of the pelvic floor muscles in the rat preclinical model. Am J Obstet Gynecol. 2021 Nov 18:S0002-9378(21)02582-5. doi: 10.1016/j.ajog.2021.11.1353. Epub ahead of print. PMID: 34801444.

- Rieger M, Duran P, Cook M, Schenk S, Shah M, Jacobs M, Christman K, Kado DM, **Alperin M**. Quantifying the Effects of Aging on Morphological and Cellular Properties of Human Female Pelvic Floor Muscles. Ann Biomed Eng. 2021 Aug;49(8):1836-1847. doi: 10.1007/s10439-021-02748-5. Epub 2021 Mar 8. PMID: 33683527; PMCID: PMC8376748.
- Routzong MR, Cook MS, Barone W, Abramowitch SD, **Alperin M**. Novel Application of Photogrammetry to Quantify Fascicle Orientations of Female Cadaveric Pelvic Floor Muscles. Ann Biomed Eng. 2021 Aug;49(8):1888-1899. doi: 10.1007/s10439-021-02747-6. Epub 2021 Feb 26. PMID: 33638030; PMCID: PMC8376743.

Review Articles and Book Chapters (Peer-reviewed)

- **Alperin M**. Deeper dive into tissue-level events that incite and promote pelvic organ prolapse. Am J Obstet Gynecol. 2021 Jan;224(1):1-2.

Abstracts

- “Impact of Repeated Birth Injuries on the Pelvic Floor Muscle Regeneration.” **Best PhD Research Award** , 2021 AUGS Annual Meeting, October 2021 and 2021 IUGA Virtual Annual Meeting, December 2021.
- “Effect of Delivery and Lactation on the Pelvic Floor Muscle Stem Cells in the Early Postpartum Period.” 2021 AUGS Annual Meeting, October 2021 and 2021 IUGA Virtual Annual Meeting, December 2021.

Invited Presentations

- Invited Speaker, UCSD, Geriatrics Fellowship Didactics Series, June 11, 2021
- Invited Speaker, Sociedad Mexicana de Ciencias Urogenitales-9th IUSM- 2021, “Pelvic floor muscle anatomy and physiology – what do we really know?” November 19, 2021
- Invited Speaker, 3rd Annual CRepHS Symposium (Virtual), “Determinants of Urogenital Tract Homeostasis in Aging”, January 29, 2021.
- “A closer look at pelvic floor muscles”. **Invited presentation**. “Innovations in Urogenital Tissue Repair” Workshop, 2021 ICS Annual Virtual Meeting, November 2021. Workshop Chair.
- “Pragmatic Regenerative Therapies for the Female Pelvic Soft Tissues.” **Invited guest lecturer**. Magee-Womens Research Institute virtual seminar, April 2021.

Honors and Awards

- Castle Connolly “Top Doctors” [Exceptional Women In Medicine: 2021](#)
- APGO Excellence in Teaching Award, Association of Professors of Obstetrics and Gynecology

BRUBAKER, Linda

Peer-Reviewed Research Publications

- **Brubaker L**, Gourdine J-P, Siddiqui N, Holland A, Halverson T, Limeria R, Pride D, Ackerman L, Forster C, Jacobs K, Thomas-White K, Putonti C, Dong Q, Weinstein M, Lukacz E, Karstens L and Wolfe A. Forming Consensus to Advance Urobiome Research. *mSystems*. July/August 2021 Volume 6 Issue 4 e01371-20
doi.org/10.1128/mSystems.01371-20.
- Walker SJ, Evans R, Overholt T, Carine M, Rademacher D, Halverson T, Limeira R, Matthews C, Badlani G, Xu R, **Brubaker L** and Wolfe A. Detection of Bacteria in Bladder Mucosa of Adult Women. *J. Urol* Vol 206(supp 3), Supp 2021. [Doi.org/10.1097/JU.0000000000001965](https://doi.org/10.1097/JU.0000000000001965).06.
- Barnes HC, Wolff B, Abdul-Rahmin O, Harrington A, Hilt E, Price T, Halverson T, Hochstedler BR, Pham T, Acevedo-Alvarez M, Joyce C, Fitzgerald C, Schreckenberger PC, **Brubaker L**, Wolf AJ and Mueller ER. A Randomized Clinical Trial of Standard Versus Expanded Cultures to Diagnose Urinary Tract Infections in Women. *J Urol* 2021 [doi: 10.1097/JU.0000000000001949](https://doi.org/10.1097/JU.0000000000001949).
- **Brubaker L**, Putonti C, Dong Q, Wolfe A. The Human Urobiome. *Mammalian Genome*. 2021 Aug;32(4):232-238. [doi: 10.1007/s00335-021-09862-8](https://doi.org/10.1007/s00335-021-09862-8).
- Hochstedler B, Burnett L, Price T, Jung C, Wolfe A and **Brubaker L**. Urinary Microbiota of Women with Recurrent Urinary Tract Infection: Collection and Culture Methods. *Int Urogyn J* March 2021 <https://doi.org/10.1007/s00192-021-04780-4>.
- Rickey LM, Constantine ML, Lukacz ES, Lowder JL, Newman DK, **Brubaker L**, Rudser K, Lewis C, Low LK, Palmer MH, Rockwood T, Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium Measuring Bladder Health: Development and Cognitive Evaluation of Items for a Novel Bladder Health Instrument. *J. Urol*. 2021 May;205(5):1407-1414 PMID: 33350312 PMCID: PMC8068674 (available on 2022-05-01) DOI: [10.1097/JU.0000000000001581](https://doi.org/10.1097/JU.0000000000001581).

- Burnett L, Hochstedler B, Weldon K, Wolfe A and **Brubaker L**. Recurrent Urinary Tract Infection: Association of Clinical Profiles with Urobiome Composition in Women. *NeuroUrol* 40(6) 1479-1489 August 2021
- LaCoursiere DY, Eskander R, Miller C, **Brubaker L**. Rapid Reorganization of an Academic OB-GYN Workforce During the COVID-19 Pandemic. *J Reprod Med*. 2021 Apr;66(2):67-74.
- Akbar A, Lui K, Michlos E, Bancks M, **Brubaker L**, Markossian T, Durazo-Ariza R and Kramer H. Associate of Overactive Bladder with Hypertension and Blood Pressure Control: The Multi-Ethnic Study of Atherosclerosis. *American Journal of Hypertension* 26 April 2021 doi.org/10.1093/ajh/hpaa186.
- Mores C, Price T, Wolff B, Halverson T, Limeira R, **Brubaker L**, Putonti C, Mueller E and Wolfe A. Genomic Relatedness and Clinical Significance of *Streptococcus mitis* Strains Isolated from the Urogenital Tract of Sexual Partners. *Microbial Genomics* Feb 2021 Vol 7(3) doi.org/10.1099/mgen.0.000535.
- **Brubaker L**, Marsh E, Cedars MI, Fenner D, Murtha A, Goff B, Khabele D. Promotion of gender equity in obstetrics and gynecology: principles and practices for academic leaders. *Am J Obstet Gynecol*. 2022 Feb;226(2):163-168. doi: 10.1016/j.ajog.2021.09.035. Epub 2021 Oct 2. PMID: 34610320.

Abstracts

- American Association for Public Opinion Research (AAPOR) Constantine M, Cain C, Putnam S, Rickey L, Rockwood T, Lukacz ES, Lewis CE, Newman DK, Brubaker L, Palmer M, Rudser K; For the PLUS Research Consortium. What is in a word: Accidents, Leaking and Losing. American Association for Public Opinion Research (AAPOR) 76th Virtual Annual Conference; May 12, 2021. Presentation ID: 4456
- American Association for Public Opinion Research (AAPOR) Putnam S, Constantine M, Cain C, Rudser K, Lukacz ES, Brubaker L, Rickey L, Rockwood T; For the PLUS Research Consortium. Prompting Recall Inclusion: Wording, Time and Intensity. American Association for Public Opinion Research (AAPOR) 76th Annual Virtual Conference; May 11, 2021. Presentation ID 4705

Invited Presentations

- Invited Speaker, 3rd Annual CRePHS Symposium (Virtual), Roundtable Discussion, January 29, 2021
- Invited Speaker, University of Wisconsin, Department of Obstetrics and Gynecology Dr. & Mrs. Thomas A. Leonard Visiting Professor, "Everyday Scholarship", February 25, 2021
- Invited Speaker, UCSD OSHER Lifelong Learning Institute, March 18, 2021
- Invited Speaker, PLUS, LURN: Steering Committee Presentation, July 22, 2021
- Moderator, AGOD Panel, September 11, 2021

- Invited Speaker, AUGS PFD Week 2021, “Urobiome 101: Tips, Tricks, and Best Practices for Investigating the Urinary Microbiome” October 12, 2021
- Invited Speaker, AUGS Fellows’ Day, FPMRS Fellowship Business (FPMRS Journal Update), October 22, 2022

LUKACZ, Emily

Peer-Reviewed Research Publications

- Ferrante KL, Wasenda EJ, Jung CE, Adams-Piper ER, **Lukacz ES**. Vaginal Estrogen for the Prevention of Recurrent Urinary Tract Infection in Postmenopausal Women: A Randomized Clinical Trial. *Female Pelvic Med Reconstr Surg*. 2021 Feb 1;27(2):112-117. doi: 10.1097/SPV.0000000000000749. PMID: 31232721.
- Ferrante KL, Gantz MG, Sridhar A, Smith A, Rahn DD, Ellington DR, Weidner AC, Wohlrab K, Mazloomdoost D, Moalli P, **Lukacz ES**; NICHD Pelvic Floor Disorders Network. Do Women Who Self-report More Exercise Have Increased Rates of Symptomatic Stress Urinary Incontinence After Midurethral Slings? *Female Pelvic Med Reconstr Surg*. 2021 Jan 1;27(1):e202-e207. doi: 10.1097/SPV.0000000000000893. PMID: 32898050; PMCID: PMC7793633.
- Rickey LM, Constantine ML, **Lukacz ES**, Lowder JL, Newman DK, Brubaker L, Rudser K, Lewis CE, Low LK, Palmer MH, Rockwood T. Measuring Bladder Health: Development and Cognitive Evaluation of Items for a Novel Bladder Health Instrument. *J Urol*. 2021 May;205(5):1407-1414. doi: 10.1097/JU.0000000000001581. Epub 2020 Dec 22. PMID: 33350312; PMCID: PMC8068674.
- **Lukacz ES**, Constantine ML, Kane Low L, Lowder JL, Markland AD, Mueller ER, Newman DK, Rickey LM, Rockwood T, Rudser K; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Rationale and design of the validation of bladder health instrument for evaluation in women (VIEW) protocol. *BMC Womens Health*. 2021 Jan 7;21(1):18. doi: 10.1186/s12905-020-01136-w. PMID: 33413284; PMCID: PMC7789348.
- Hendrickson WK, Amundsen CL, Rahn DD, Meyer I, Bradley MS, Smith AL, Myers DL, Jelovsek JE, **Lukacz ES**. Comparison of 100 U With 200 U of Intradetrusor OnabotulinumToxinA for Nonneurogenic Urgency Incontinence. *Female Pelvic Med Reconstr Surg*. 2021 Mar 1;27(3):140-146. doi: 10.1097/SPV.0000000000001020. PMID: 33620895.
- Zyczynski HM, Arya LA, **Lukacz ES**, Richter HE, Rahn DD, Sung VW, Visco AG, Shaffer A, Jelovsek JE, Rogers R, Mazloomdoost D, Gantz MG; Eunice Kennedy Shriver NICHD Pelvic Floor Disorders Network (PFDN). Design of a Randomized Controlled Trial of Percutaneous Posterior Tibial Nerve Stimulation for the Treatment of

Refractory Fecal Incontinence in Women: The NeuroModulation for Accidental Bowel Leakage Study. Female Pelvic Med Reconstr Surg. 2021 Dec 1;27(12):726-734. doi: 10.1097/SPV.0000000000001050. PMID: 33950027; PMCID: PMC8567096.

- Jelovsek JE, Gantz MG, **Lukacz ES**, Zyczynski HM, Sridhar A, Kery C, Chew R, Harvie HS, Dunivan G, Schaffer J, Sung V, Varner RE, Mazloomdoost D, Barber MD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Pelvic Floor Disorders Network. Subgroups of failure after surgery for pelvic organ prolapse and associations with quality of life outcomes: a longitudinal cluster analysis. Am J Obstet Gynecol. 2021 Nov;225(5):504.e1-504.e22. doi: 10.1016/j.ajog.2021.06.068. Epub 2021 Jun 19. PMID: 34157280; PMCID: PMC8578254.
- Brubaker L, Gourdi JF, Siddiqui NY, Holland A, Halverson T, Limeria R, Pride D, Ackerman L, Forster CS, Jacobs KM, Thomas-White KJ, Putonti C, Dong Q, Weinstein M, **Lukacz ES**, Karstens L, Wolfe AJ. Forming Consensus To Advance Urobiome Research. mSystems. 2021 Aug 31;6(4):e0137120. doi: 10.1128/mSystems.01371-20. Epub 2021 Jul 20. PMID: 34282932; PMCID: PMC8409733.
- Richter HE, Carnes MU, Komesu YM, **Lukacz ES**, Arya L, Bradley M, Rogers RG, Sung VW, Siddiqui NY, Carper B, Mazloomdoost D, Dinwiddie D, Gantz MG; Eunice Kennedy Shriver National Institute of Child Health and Human Development Pelvic Floor Disorders Network. Association between the urogenital microbiome and surgical treatment response in women undergoing midurethral sling operation for mixed urinary incontinence. Am J Obstet Gynecol. 2021 Jul 21:S0002-9378(21)00794-8. doi: 10.1016/j.ajog.2021.07.008. Epub ahead of print. PMID: 34297969.

Invited Presentations

- Invited Speaker, UC Los Angeles Virtual Grand Rounds, “Shifting the paradigm of clinical research: The Prevention of Lower Urinary Tract Symptoms (PLUS) Consortium Method.” February 3, 2021
- Invited Panelist, AUGS and PFDR Foundation State of the Science Conference, “Overactive Bladder and Cognitive Impairment.” December 2021
- Invited Speaker, Scripps Mercy Hospital Grand Rounds, “Updates in the Evaluation & Treatment Urinary Incontinence.” November 30, 2021

Honors and Awards

- Castle Connolly “Top Doctors” Exceptional Women In Medicine: 2021

NAGER, Charles

Peer-Reviewed Research Publications

- **Nager CW**, Visco AG, Richter HE, Rardin CR, Komesu Y, Harvie HS, Zyczynski HM, Paraiso MFR, Mazloomdoost D, Sridhar A, Thomas S; National Institute of Child Health and Human Development Pelvic Floor Disorders Network. Effect of sacrospinous hysteropexy with graft vs vaginal hysterectomy with uterosacral ligament suspension on treatment failure in women with uterovaginal prolapse: 5-year results of a randomized clinical trial. Am J Obstet Gynecol. 2021 Mar 12; S0002-9378(21)00163-0. doi: 10.1016/j.ajog.2021.03.012. Online ahead of print.
- Bowen ST, Moalli PA, Abramowitch SD, Lockhart ME, Weidner AC, Ferrando CA, **Nager CW**, Richter HE, Rardin CR, Komesu YM, Harvie HS, Mazloomdoost D, Sridhar A, Gantz MG; Eunice Kennedy Shriver National Institute of Child Health and Human Development Pelvic Floor Disorders Network. Defining mechanisms of recurrence following apical prolapse repair based on imaging criteria. Am J Obstet Gynecol. 2021 Jun 1;S0002-9378(21)00609-8. doi: 10.1016/j.ajog.2021.05.041. Online ahead of print.
- **Nager CW**. Database Updates and Resulting Changes in Data in Study of Vaginal Mesh Hysteropexy vs Vaginal Hysterectomy. JAMA. 2021 Feb 16;325(7):695-696. doi: 10.1001/jama.2021.0477.
- **Nager CW**. Long-term data support slings as the best surgical procedures for stress urinary incontinence. AM J Obstet Gynecol 2021 Dec; 225(6):591-592. doi: 10.1016/j.ajog.2021.09.022.
- Bowen ST, Moalli PA, Abramowitch SD, Lockhart ME, Weidner AC, Ferrando CA, **Nager CW**, Richter HE, Rardin CR, Komesu YM, Harvie HS, Mazloomdoost D, Sridhar A, Gantz MG; Eunice Kennedy Shriver National Institute of Child Health and Human Development Pelvic Floor Disorders Network. Defining mechanisms of recurrence following apical prolapse repair based on imaging criteria. Am J Obstet Gynecol. 2021 Nov;225(5):506.e1-506.e28.

Invited Presentations

- Distinguished Guest Speaker Howard Kelly Lectureship in Reconstructive Pelvic Surgery, Johns Hopkins Medical School, “Randomized Trials for Pelvic Floor Disorders – The NIH Network Experience” April 29, 2021.
- Invited Speaker IUGA State of the Art Lecture, December 10, 2021.

Honors and Awards

- ACOG/CREOG National Faculty Award for Excellence in Resident Education 2021

GENERAL OBSTETRICS AND GYNECOLOGY

GROSS, Erin

Invited Presentations

- Invited Speaker, “Vulvar Pruritis”, UC San Diego Department of Dermatology Grand Rounds, May 13, 2021.

KINGSTON, Jessica

Invited Presentations

- Invited Speaker, “New Pap Smear Guidelines”, Society for Academic Specialists in General Obstetrics & Gynecology, Annual Meeting, April 9, 2021.

Honors and Awards

- “Top Doctor”, San Diego County Medical Society’s annual Physicians of Exceptional Excellence” survey, 2013, 2015, 2021

MACAULAY, Kathryn

Invited Presentations

- Speaker, “Postmenopausal Osteoporosis: Recent Advances in Screening and Diagnosis”, Cardiometabolic Health Congress CME symposium (Virtual event), February 2021
- Speaker, Grand Rounds, Bronx Lebanon Hospital, “Conventional and Alternative Treatments for Menopause”, Bronx, NY, May 2021

Honors and Awards

- Exceptional Women in Medicine, San Diego Magazine 2021

MILLER, Christine

Peer-Reviewed Research Publications

- LaCoursiere DY, Eskander R, **Miller** C, Brubaker L. Rapid Reorganization of an Academic OB-GYN Workforce During the COVID-19 Pandemic. J Reprod Med. 2021 Apr;66(2)67-74.

Honors and Awards

- SDCMS Top Doctor 2021
- America's Most Honored Doctors 2021, American Registry
- America's Most Honored Professionals 2021, American Registry
- Castle Connolly Top Doctors 2021
- Castle Connolly Exceptional Women in Medicine 2021
- Castle Connolly Regional Top Doctor 2021

VARON, Shira

Honors and Awards

- Castle Connolly Top Doctor 2020, 2021

GYNECOLOGIC ONCOLOGY

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Charo LM, **Eskander RN**, Okamura R, Patel SP, Nikanjam M, Lanman RB, Piccioni DE, Kato S, **McHale MT**, Kurzrock R. Charo LM, et al. Clinical implications of plasma circulating tumor DNA in gynecologic cancer patients Among authors: **mchale mt**. Mol Oncol. 2021 Jan;15(1):67-79. doi: 10.1002/1878-0261.12791. Epub 2020 Sep 17. Mol Oncol. 2021. PMID: 32881280.
- Jou J, **Binder P**, **Saenz C**, **Eskander R**, **McHale M**, **Plaxe S**. Charting a professional course for academic gynecologic oncology mentors. Gynecol Oncol. 2021 Jan;160(1):265-270. doi: 10.1016/j.ygyno.2020.10.024. Epub 2020 Oct 31. PMID: 33131903.
- Kato S, McFall T, Takahashi K, Bamel K, Ikeda S, **Eskander RN**, **Plaxe S**, Parker B, Stites E, Kurzrock R. KRAS-Mutated, Estrogen Receptor-Positive Low-Grade Serous Ovarian Cancer: Unraveling an Exceptional Response Mystery. Oncologist. 2021 Feb 2. doi: 10.1002/onco.13702. Epub ahead of print. PMID: 33528846.
- Jou J, Zimmer Z, Charo L, Yau C, **Saenz C**, **Eskander R**, **McHale M**, Veerapong J, **Plaxe S**, **Binder P**. HIPEC after neoadjuvant chemotherapy and interval debulking is associated with development of platinum-refractory or -resistant disease. Gynecol Oncol. 2021 Apr;161(1):25-33. doi: 10.1016/j.ygyno.2020.11.035. Epub 2020 Dec 6. PMID: 33293046.
- Dawson JC, Serrels A, **Stupack DG**, **Schlaepfer DD**, Frame MC. Targeting FAK in anticancer combination therapies. Nat Rev Cancer. 2021 May;21(5):313-324. doi: 10.1038/s41568-021-00340-6. Epub 2021 Mar 17. PMID: 33731845.
- Melber DJ, Berman ZT, Jacobs MB, Picel AC, Conturie CL, Zhang-Rutledge K, **Binder PS**, **Eskander RN**, Roberts AC, **McHale MT**, Ramos GA, Ballas J, Kelly TF. Placenta Accreta Spectrum Treatment With Intraoperative Multivessel Embolization: the PASTIME protocol. Am J Obstet Gynecol. 2021 Oct;225(4):442.e1-442.e10. doi: 10.1016/j.ajog.2021.07.001. Epub 2021 Jul 7. PMID: 34245679.
- Jou J, Brodsky A, Charo L, **Binder P**, **Saenz C**, **Eskander RN**, **McHale M**, **Plaxe S**. Trends and geographic variation in women's representation as principal investigators (PI) in phase 3 gynecologic oncology clinical trials. Gynecol Oncol. 2021 Aug;162(2):389-393. doi: 10.1016/j.ygyno.2021.05.037. Epub 2021 Jun 5. PMID: 34099315.
- Dyer BA, Feng CH, **Eskander R**, Sharabi AB, Mell LK, **McHale M**, Mayadev JS. Dyer BA, et al. Current Status of Clinical Trials for Cervical and Uterine Cancer Using Immunotherapy Combined With Radiation Among authors:

mchale m. Int J Radiat Oncol Biol Phys. 2021 Feb 1;109(2):396-412. doi: 10.1016/j.ijrobp.2020.09.016. Epub 2020 Sep 15. Int J Radiat Oncol Biol Phys. 2021. PMID: 32942005.

- Jou J, Charo L, Hom-Tedla M, Coakley K, **Binder P, Saenz C, Eskander RN, McHale M, Plaxe S**. Practice patterns and survival in FIGO 2009 stage 3B endometrial cancer. Gynecol Oncol. 2021 Nov;163(2):299-304. doi: 10.1016/j.ygyno.2021.09.005. Epub 2021 Sep 22. PMID: 34561099.
- Jou J, Coulter E, Roberts T, **Binder P, Saenz C, McHale M, Plaxe S**, Mayadev J, **Eskander RN**. Assessment of malnutrition by unintentional weight loss and its implications on oncologic outcomes in patient with locally advanced cervical cancer receiving primary chemoradiation. Gynecol Oncol. 2021 Mar;160(3):721-728. doi: 10.1016/j.ygyno.2020.12.009. Epub 2020 Dec 18. PMID: 33342621.
- Yusufaly T, Zou J, Nelson T, Williamson C, Simon A, Singhal M, Liu H, Wong H, **Saenz C**, Mayadev J, **McHale M**, Yashar C, **Eskander R**, Sharabi A, Hoh C, Obrzut S, Mell L. Improved Prognosis of Treatment Failure in Cervical Cancer with Non-Tumor Positron Emission Tomography / Computed Tomography Radiomics. J Nucl Med. 2021 Oct 28;jnumed.121.262618. doi: 10.2967/jnumed.121.262618. Epub ahead of print. PMID: 34711618.
- Graf RP, **Eskander R**, Brueggeman L, **Stupack DG**. Association of Copy Number Variation Signature and Survival in Patients With Serous Ovarian Cancer. *JAMA Netw Open*. 2021;4(6):e2114162. doi:10.1001/jamanetworkopen.2021.14162.

Abstracts

- Hom MS, Mowers E, Barrie A, Jou J, Harrison T, Koonings P, **Saenz C, Plaxe S, Binder R, McHale M, Eskander R**. Effect of mismatch repair protein status on outcomes in high intermediate risk endometrial cancer. 52nd Annual Meeting of Society of Gynecologic Oncology, March 19-25, 2021.
- Jou J, **Binder P, Saenz C, Eskander R, McHale M, Plaxe S**. Adjuvant radiation in stage 1 endometrioid endometrial cancer (EC), a National Cancer Database (NCDB) study of clinical decision making in practice. Poster presentation. Society of Gynecologic Oncology March 2021 Annual Meeting.
- Jou J, Charo L, Hom M, Coakley K, **Binder P, Saenz C, Eskander R, McHale M, Plaxe S**. Patients with stage 3B endometrial cancer receive less chemotherapy, more radiation and have worse survival than other stage 3 EC patients. Poster presentation. Society of Gynecologic Oncology March 2021 Annual Meeting.
- Jou J, Brodsky A, Charo L, **Binder PS, Saenz CC, Eskander RN, McHale MT, Plaxe SC**. Trends and Regional Variation in Women's Representation as Principal Investigators (PI) in Phase 3 Gynecologic Oncology Clinical Trials. Poster presentation. Society of Gynecologic Oncology March 2021 Annual Meeting.

Peer-Reviewed Research Publications

- Jou J, Brodsky A, Charo L, **Binder P**, Saenz C, Eskander RN, McHale M, Plaxe S. Trends and geographic variation in women's representation as principal investigators (PI) in phase 3 gynecologic oncology clinical trials. *Gynecol Oncol*. 2021 Aug;162(2):389-393. doi: 10.1016/j.ygyno.2021.05.037. Epub 2021 Jun 5. PMID: 34099315.
- Melber DJ, Berman ZT, Jacobs MB, Picel AC, Conturie CL, Zhang-Rutledge K, **Binder PS**, Eskander RN, Roberts AC, McHale MT, Ramos GA, Ballas J, Kelly TF. Placenta Accreta Spectrum Treatment With Intraoperative Multivessel Embolization: the PASTIME protocol. *Am J Obstet Gynecol*. 2021 Oct;225(4):442.e1-442.e10. doi: 10.1016/j.ajog.2021.07.001. Epub 2021 Jul 7. PMID: 34245679.
- Jou J, Charo L, Hom-Tedla M, Coakley K, **Binder P**, Saenz C, Eskander RN, McHale M, Plaxe S. Practice patterns and survival in FIGO 2009 stage 3B endometrial cancer. *Gynecol Oncol*. 2021 Nov;163(2):299-304. doi: 10.1016/j.ygyno.2021.09.005. Epub 2021 Sep 22. PMID: 34561099.
- Jou J, Coulter E, Roberts T, **Binder P**, Saenz C, McHale M, Plaxe S, Mayadev J, Eskander RN. Assessment of malnutrition by unintentional weight loss and its implications on oncologic outcomes in patient with locally advanced cervical cancer receiving primary chemoradiation. *Gynecol Oncol*. 2021 Mar;160(3):721-728. doi: 10.1016/j.ygyno.2020.12.009. Epub 2020 Dec 18. PMID: 33342621.
- Jou J, Zimmer Z, Charo L, Yau C, Saenz C, Eskander R, McHale M, Veerapong J, Plaxe S, **Binder P**. HIPEC after neoadjuvant chemotherapy and interval debulking is associated with development of platinum-refractory or -resistant disease. *Gynecol Oncol*. 2021 Apr;161(1):25-33. doi: 10.1016/j.ygyno.2020.11.035. Epub 2020 Dec 6. PMID: 33293046.
- Jou J, **Binder P**, Saenz C, Eskander R, McHale M, Plaxe S. Charting a professional course for academic gynecologic oncology mentors. *Gynecol Oncol*. 2021 Jan;160(1):265-270. doi: 10.1016/j.ygyno.2020.10.024. Epub 2020 Oct 31. PMID: 33131903.

Abstracts

- Hom MS, Mowers E, Barrie A, Jou J, Harrison T, Koonings P, Saenz C, Plaxe S, **Binder P**, McHale M, Eskander R. Effect of mismatch repair protein status on outcomes in high intermediate risk endometrial cancer. 52nd Annual Meeting of Society of Gynecologic Oncology, March 19-25, 2021.

- Jou J, **Binder P**, Saenz C, Eskander R, McHale M, Plaxe S. Adjuvant radiation in stage 1 endometrioid endometrial cancer (EC), a National Cancer Database (NCDB) study of clinical decision making in practice. Poster presentation. Society of Gynecologic Oncology March 2021 Annual Meeting.
- Jou J, Charo L, Hom M, Coakley K, **Binder P**, Saenz C, Eskander R, McHale M, Plaxe S. Patients with stage 3B endometrial cancer receive less chemotherapy, more radiation and have worse survival than other stage 3 EC patients. Poster presentation. Society of Gynecologic Oncology March 2021 Annual Meeting.
- Jou J, Brodsky A, Charo L, **Binder PS**, Saenz CC, Eskander RN, McHale MT, Plaxe SC. Trends and Regional Variation in Women's Representation as Principal Investigators (PI) in Phase 3 Gynecologic Oncology Clinical Trials. Poster presentation. Society of Gynecologic Oncology March 2021 Annual Meeting.

Invited Presentations

- Melber D, Berman Z, Jacobs M, Conturie C, Zhang-Rutledge K, Parast M, **Binder P**, Eskander R, Roberts A, McHale M, Kelly T, Ramos G, Ballas J. Placenta Accreta Spectrum Treatment with Intraoperative Multivessel Embolization to improve surgical outcomes: The PASTIME Protocol. *Society for Maternal-Fetal Medicine's (SMFM) 41st Annual Pregnancy Meeting*. January 25-30, 2021: Las Vegas, NV (virtual).

ESKANDER, Ramez

Peer-Reviewed Research Publications

- Charo LM, **Eskander RN**, Okamura R, Patel SP, Nikanjam M, Lanman RB, Piccioni DE, Kato S, McHale MT, Kurzrock R. Charo LM, et al. Clinical implications of plasma circulating tumor DNA in gynecologic cancer patients Among authors: mchale mt. *Mol Oncol*. 2021 Jan;15(1):67-79. doi: 10.1002/1878-0261.12791. Epub 2020 Sep 17. *Mol Oncol*. 2021. PMID: 32881280.
- **Eskander RN**, Powell MA. Immunotherapy as a treatment strategy in advanced stage and recurrent endometrial cancer: review of current phase III immunotherapy clinical trials. *Therapeutic Advances in Medical Oncology*. January 2021. DOI: [10.1177/17588359211001199](https://doi.org/10.1177/17588359211001199).
- Dyer BA, Feng CH, **Eskander R**, Sharabi AB, Mell LK, McHale M, Mayadev JS. Dyer BA, et al. Current Status of Clinical Trials for Cervical and Uterine Cancer Using Immunotherapy Combined With Radiation Among authors: mchale m. *Int J Radiat Oncol Biol Phys*. 2021 Feb 1;109(2):396-412. doi: 10.1016/j.ijrobp.2020.09.016. Epub 2020 Sep 15. *Int J Radiat Oncol Biol Phys*. 2021. PMID: 32942005.

- **Ramez N. Eskander**, Razelle Kurzrock. Maternal to fetal transmission of cancer: implications for molecular tumor testing, immune regulation, and pediatric malignancies. *Med.* March 2021. Vol 2. P211-213. DOI: <https://doi.org/10.1016/j.medj.2021.02.006>.
- Kato S, McFall T, Takahashi K, Bamel K, Ikeda S, **Eskander RN**, Plaxe S, Parker B, Stites E, Kurzrock R. KRAS-Mutated, Estrogen Receptor-Positive Low-Grade Serous Ovarian Cancer: Unraveling an Exceptional Response Mystery. *Oncologist*. 2021 Feb 2. doi: 10.1002/onco.13702. Epub ahead of print. PMID: 33528846.
- Monk BJ, Coleman RL, Herzog TJ, Moore KN, O'Malley DM, Randall LM, Slomovitz BM, **Eskander R**, Pothuri B, Reese LL, Mannel RS, Copeland LJ. The GOG partners: A program for industry sponsored clinical trials in gynecologic oncology within the GOG foundation. *Gynecol Oncol*. 2021 Mar 12:S0090-8258(21)00230-4. doi: 10.1016/j.ygyno.2021.03.010. Epub ahead of print. PMID: 33722417.
- **Eskander RN**, Powell MA. Immunotherapy as a treatment strategy in advanced stage and recurrent endometrial cancer: review of current phase III immunotherapy clinical trials. *Therapeutic Advances in Medical Oncology*. January 2021. doi: [10.1177/17588359211001199](https://doi.org/10.1177/17588359211001199).
- Chambers LM, Watson CH, Yao M, Levinson K, Alvarez RD, **Eskander RN**, Buechel M, Michener CM, Jernigan A. Survey of trends in authorship assignment in gynecologic oncology: Keeping score and playing fair. *Gynecol Oncol Rep*. 2021 Mar 23;36:100755. doi: 10.1016/j.gore.2021.100755. PMID: 33855146; PMCID: PMC8027688.
- Hahn EE, Munoz-Plaza C, Altman D, Hsu C, Cannizzaro N, Ngo-Metzger Q, Wride P, Gould MK, Mittman BS, Hodeib M, Tewari K, Lena A, **Eskander R**, Tewari D, Chun C. De-implementation and Substitution of Clinical Care Processes: Stakeholder Perspectives on the Transition to Primary Human Papillomavirus (HPV) Testing for Cervical Cancer Screening. Research Square. <https://orcid.org/0000-0002-8419-2331>. DOI: <https://doi.org/10.21203/rs.3.rs-318847/v1>.
- LaCoursiere DY, **Eskander R**, Miller C, Brubaker L. Rapid Reorganization of an Academic OB-GYN Workforce During the COVID-19 Pandemic. *J Reprod Med*. 2021 Apr;66(2):67-74.
- Jessica Jou, Allison Brodsky, Lindsey Charo, Pratibha Binder, Cheryl Saenz, **Ramez N. Eskander**, Michael McHale, Steve Plaxe. Trends and geographic variation in women's representation as principal investigators (PI) in phase 3 gynecologic oncology clinical trials, *Gynecologic Oncology*, 2021, ISSN 0090-8258, <https://doi.org/10.1016/j.ygyno.2021.05.037>.
- Graf RP, **Eskander R**, Brueggeman L, Stupack DG. Association of Copy Number Variation Signature and Survival in Patients With Serous Ovarian Cancer. *JAMA Netw Open*. 2021;4(6):e2114162. doi:10.1001/jamanetworkopen.2021.14162.

- Dora J. Melber, Zachary T. Berman, Marni B. Jacobs, Andrew C. Picel, Charlotte L. Conturie, Kathy Zhang-Rutledge, Pratibha S. Binder, **Ramez N. Eskander**, Anne C. Roberts, Michael T. Mchale, Gladys A. Ramos, Jerasimos Ballas, Thomas F. Kelly. Placenta Accreta Spectrum Treatment with Intraoperative Multivessel Embolization: The PASTIME Protocol. American Journal of Obstetrics and Gynecology, 2021, ISSN 0002-9378, <https://doi.org/10.1016/j.ajog.2021.07.001>.
- Jessica Jou, Lindsey Charo, Marianne Hom-Tedla, Katherine Coakley, Pratibha Binder, Cheryl Saenz, **Ramez N. Eskander**, Michael McHale, Steven Plaxe, Practice patterns and survival in FIGO 2009 stage 3B endometrial cancer, Gynecologic Oncology, 2021, ISSN 0090-8258, <https://doi.org/10.1016/j.ygyno.2021.09.005>.
- N.S. Horowitz, **R.N. Eskander**, M.R. Adelman, W. Burke, Epidemiology, diagnosis, and treatment of gestational trophoblastic disease: A Society of Gynecologic Oncology evidenced-based review and recommendation, Gynecologic Oncology, 2021, ISSN 0090-8258, <https://doi.org/10.1016/j.ygyno.2021.10.003>.
- Yusufaly T, Zou J, Nelson T, Williamson C, Simon A, Singhal M, Liu H, Wong H, Saenz C, Mayadev J, McHale M, Yashar C, **Eskander R**, Sharabi A, Hoh C, Obrzut S, Mell L. Improved Prognosis of Treatment Failure in Cervical Cancer with Non-Tumor Positron Emission Tomography / Computed Tomography Radiomics. J Nucl Med. 2021 Oct 28;jnumed.121.262618. doi: 10.2967/jnumed.121.262618. Epub ahead of print. PMID: 34711618.
- Charo LM, **Eskander RN**, Sicklick J, Kim KH, Lim HJ, Okamura R, Lee S, Subramanian R, Schwab R, Shatsky R, Plaxe S, Kato S, Kurzrock R. Real-World Data From a Molecular Tumor Board: Improved Outcomes in Breast and Gynecologic Cancers Patients With Precision Medicine. JCO Precis Oncol. 2022 Jan;6:e2000508. doi: 10.1200/PO.20.00508. PMID: 35005995; PMCID: PMC8769125.
- Williamson CW, Sirák I, Xu R, Portelance L, Wei L, Tarnawski R, Mahantshetty U, Heide ES, Yashar CM, McHale MT, Bosch W, Lowenstein J, Saenz CC, Plaxe S, **Eskander R**, Einck J, Mundt AJ, Mayadev J, Mell LK. Positron Emission Tomography-Guided Bone Marrow-Sparing Radiation Therapy for Locoregionally Advanced Cervix Cancer: Final Results From the INTERTECC Phase II/III Trial. Int J Radiat Oncol Biol Phys. 2022 Jan 1;112(1):169-178. doi: 10.1016/j.ijrobp.2021.08.019. Epub 2021 Aug 20. PMID: 34419564; PMCID: PMC8688221.

Abstracts

- Hom MS, Mowers E, Barrie A, Jou J, Harrison T, Koonings P, Saenz C, Plaxe S, Binder P, McHale M, **Eskander R**. Effect of mismatch repair protein status on outcomes in high intermediate risk endometrial cancer. 52nd Annual Meeting of Society of Gynecologic Oncology, March 19-25, 2021.

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Invited Presentations

- Melber D, Berman Z, Jacobs M, Conturie C, Zhang-Rutledge K, Parast M, Binder P, **Eskander R**, Roberts A, McHale M, Kelly T, Ramos G, Ballas J. Placenta Accreta Spectrum Treatment with Intraoperative Multivessel Embolization to improve surgical outcomes: The PASTIME Protocol. *Society for Maternal-Fetal Medicine's (SMFM) 41st Annual Pregnancy Meeting*. January 25-30, 2021: Las Vegas, NV (virtual).
- Innovations and Advancements in Cervical Cancer Care – A virtual community event. Lecture on Cervical Cancer Clinical trials, and therapeutic advances. Jan 27, 2021 (virtual platform)
- Gynecologic Cancer Review – General Internal Medicine Grand Rounds. UC San Diego Health. Virtual Platform. March 2021
- Management of Node Positive Endometrial Cancer – Tumor Board Distillation. Society of Gynecologic Oncology 2021 Virtual Annual Meeting. March 2021
- Can biomarker testing inform treatment decision making in Endometrial Cancer? 12th Annual International Symposium on Ovarian Cancer and Gynecologic Malignancies. May 2021
- Korean Gynecologic Oncology Group (KGOG) – Inviter Lecture: The Current Treatment Landscape for Advanced Stage Endometrial Cancer: Progress Made... Virtual Presentation to the KGOG at their annual meeting. August 2021
- Great Debates & Updates. Women's Oncology. Targeted Agents in Front Line Metastatic Endometrial Cancer. Oct 2021

Honors and Awards

- 2021 San Diego Top Doc in Obstetrics and Gynecology (2021)
- 2021 Elected as Active Fellow of the American Gynecological and Obstetrical Society (AGOS)

MCHALE, Michael

Peer-Reviewed Research Publications

- Charo LM, Eskander RN, Okamura R, Patel SP, Nikanjam M, Lanman RB, Piccioni DE, Kato S, **McHale MT**, Kurzrock R. Charo LM, et al. Clinical implications of plasma circulating tumor DNA in gynecologic cancer patients Among authors: **mchale mt**. Mol Oncol. 2021 Jan;15(1):67-79. doi: 10.1002/1878-0261.12791. Epub 2020 Sep 17. Mol Oncol. 2021. PMID: 32881280.
- Melber DJ, Berman ZT, Jacobs MB, Picel AC, Conturie CL, Zhang-Rutledge K, Binder PS, Eskander RN, Roberts AC, **McHale MT**, Ramos GA, Ballas J, Kelly TF. Melber DJ, et al. Among authors: **mchale mt**. Am J Obstet Gynecol. 2021 Oct;225(4):442.e1-442.e10. doi: 10.1016/j.ajog.2021.07.001. Epub 2021 Jul 7. Am J Obstet Gynecol. 2021. PMID: 34245679.
- Current Status of Clinical Trials for Cervical and Uterine Cancer Using Immunotherapy Combined With Radiation Dyer BA, Feng CH, Eskander R, Sharabi AB, Mell LK, **McHale M**, Mayadev JS. Dyer BA, et al. Among authors: **mchale m**. Int J Radiat Oncol Biol Phys. 2021 Feb 1;109(2):396-412. doi: 10.1016/j.ijrobp.2020.09.016. Epub 2020 Sep 15. Int J Radiat Oncol Biol Phys. 2021. PMID: 32942005.
- Charting a professional course for academic gynecologic oncology mentors Jou J, Binder P, Saenz C, Eskander R, **McHale M**, Plaxe S. Jou J, et al. Among authors: **mchale m**. Gynecol Oncol. 2021 Jan;160(1):265-270. doi: 10.1016/j.ygyno.2020.10.024. Epub 2020 Oct 31. Gynecol Oncol. 2021. PMID: 33131903.
- Essential surgery during the covid 19 pandemic: The implementation of a pre-operative universal covid testing program Jou J, Waterman R, Rhodes L, Haworth J, Moberg A, Schaefer R, **McHale M**. Jou J, et al. Among authors: **mchale m**. Am J Surg. 2021 Apr;221(4):770-771. doi: 10.1016/j.amjsurg.2020.08.033. Epub 2020 Aug 31. Am J Surg. 2021. PMID: 32981653.
- Practice patterns and survival in FIGO 2009 stage 3B endometrial cancer Jou J, Charo L, Hom-Tedla M, Coakley K, Binder P, Saenz C, Eskander RN, **McHale M**, Plaxe S. Jou J, et al. Among authors: **mchale m**. Gynecol Oncol. 2021 Nov;163(2):299-304. doi: 10.1016/j.ygyno.2021.09.005. Epub 2021 Sep 22. Gynecol Oncol. 2021. PMID: 34561099.

- HIPEC after neoadjuvant chemotherapy and interval debulking is associated with development of platinum-refractory or -resistant disease Jou J, Zimmer Z, Charo L, Yau C, Saenz C, Eskander R, **McHale M**, Veerapong J, Plaxe S, Binder P. Jou J, et al. Among authors: **mchale m**. Gynecol Oncol. 2021 Apr;161(1):25-33. doi: 10.1016/j.ygyno.2020.11.035. Epub 2020 Dec 6. Gynecol Oncol. 2021. PMID: 33293046.
- Placenta Accreta Spectrum Treatment With Intraoperative Multivessel Embolization: the PASTIME protocol Melber DJ, Berman ZT, Jacobs MB, Picel AC, Conturie CL, Zhang-Rutledge K, Binder PS, Eskander RN, Roberts AC, **McHale MT**, Ramos GA, Ballas J, Kelly TF. Melber DJ, et al. Among authors: **mchale mt**. Am J Obstet Gynecol. 2021 Oct;225(4):442.e1-442.e10. doi: 10.1016/j.ajog.2021.07.001. Epub 2021 Jul 7. Am J Obstet Gynecol. 2021. PMID: 34245679.
- Improved Prognosis of Treatment Failure in Cervical Cancer with Non-Tumor Positron Emission Tomography / Computed Tomography Radiomics Yusufaly T, Zou J, Nelson T, Williamson C, Simon A, Singhal M, Liu H, Wong H, Saenz C, Mayadev J, **McHale M**, Yashar C, Eskander R, Sharabi A, Hoh C, Obrzut S, Mell L. Yusufaly T, et al. Among authors: **mchale m**. J Nucl Med. 2021 Oct 28; jnumed.121.262618. doi: 10.2967/jnumed.121.262618. Online ahead of print. J Nucl Med. 2021. PMID: 34711618.
- Trends and geographic variation in women's representation as principal investigators (PI) in phase 3 gynecologic oncology clinical trials Jou J, Brodsky A, Charo L, Binder P, Saenz C, Eskander RN, **McHale M**, Plaxe S. Jou J, et al. Among authors: **mchale m**. Gynecol Oncol. 2021 Aug;162(2):389-393. doi: 10.1016/j.ygyno.2021.05.037. Epub 2021 Jun 5. Gynecol Oncol. 2021. PMID: 34099315.
- Mutated p53 portends improvement in outcomes when bevacizumab is combined with chemotherapy in advanced/recurrent endometrial cancer: An NRG Oncology study Leslie KK, Filiaci VL, Mallen AR, Thiel KW, Devor EJ, Moxley K, Richardson D, Mutch D, Secord AA, Tewari KS, McDonald ME, Mathews C, Cosgrove C, Dewdney S, Casablanca Y, Jackson A, Rose PG, Zhou X, **McHale M**, Lankes H, Levine DA, Aghajanian C. Leslie KK, et al. Among authors: **mchale m**. Gynecol Oncol. 2021 Apr;161(1):113-121. doi: 10.1016/j.ygyno.2021.01.025. Epub 2021 Feb 2. Gynecol Oncol. 2021. PMID: 33541735.
- Assessment of malnutrition by unintentional weight loss and its implications on oncologic outcomes in patient with locally advanced cervical cancer receiving primary chemoradiation. Jou J, Coulter E, Roberts T, Binder P, Saenz C, **McHale M**, Plaxe S, Mayadev J, Eskander RN. Jou J, et al. Among authors: **mchale m**. Gynecol Oncol. 2021 Mar;160(3):721-728. doi: 10.1016/j.ygyno.2020.12.009. Epub 2020 Dec 18. Gynecol Oncol. 2021. PMID: 33342621.

Review Articles and Book Chapters (Peer-reviewed)

- Prolog: Gynecologic Oncology and Critical Care, Eight Edition

Abstracts

- Hom MS, Mowers E, Barrie A, Jou J, Harrison T, Koonings P, Saenz C, Plaxe S, Binder P, **McHale M**, Eskander R. Effect of mismatch repair protein status on outcomes in high intermediate risk endometrial cancer. 52nd Annual Meeting of Society of Gynecologic Oncology, March 19-25, 2021.
- Jou J, Binder P, Saenz C, Eskander R, **McHale M**, Plaxe S. Adjuvant radiation in stage 1 endometrioid endometrial cancer (EC), a National Cancer Database (NCDB) study of clinical decision making in practice. Poster presentation. Society of Gynecologic Oncology March 2021 Annual Meeting.
- Jou J, Charo L, Hom M, Coakley K, Binder P, Saenz C, Eskander R, **McHale M**, Plaxe S. Patients with stage 3B endometrial cancer receive less chemotherapy, more radiation and have worse survival than other stage 3 EC patients. Poster presentation. Society of Gynecologic Oncology March 2021 Annual Meeting.
- Jou J, Brodsky A, Charo L, Binder PS, Saenz CC, Eskander RN, **McHale MT**, Plaxe SC. Trends and Regional Variation in Women's Representation as Principal Investigators (PI) in Phase 3 Gynecologic Oncology Clinical Trials. Poster presentation. Society of Gynecologic Oncology March 2021 Annual Meeting.

Invited Presentations

- Melber D, Berman Z, Jacobs M, Conturie C, Zhang-Rutledge K, Parast M, Binder P, Eskander R, Roberts A, **McHale M**, Kelly T, Ramos G, Ballas J. Placenta Accreta Spectrum Treatment with Intraoperative Multivessel Embolization to improve surgical outcomes: The PASTIME Protocol. *Society for Maternal-Fetal Medicine's (SMFM) 41st Annual Pregnancy Meeting*. January 25-30, 2021: Las Vegas, NV (virtual).

PLAXE, Steven

Peer-Reviewed Research Publications

- Dasanu CA, Lerner J, Ocampo MM, Iskandar AS, Kaur J, Tuler S, Codreanu I, Farrell S, **Plaxe SC**. Advanced uterine papillary serous cancer: Could there be a role for newer targeted therapeutic approaches or immune checkpoint inhibitors? *J Oncol Pharm Pract*. 2021 Jul;27(5):1181-1185. doi: 10.1177/10781552211015769. Epub 2021 May 13. PMID: 33983075.
- Jou J, Brodsky A, Charo L, Binder P, Saenz C, Eskander RN, McHale M, **Plaxe S**. Trends and geographic variation in women's representation as principal investigators (PI) in phase 3 gynecologic oncology clinical trials. *Gynecol Oncol*. 2021 Aug;162(2):389-393. doi: 10.1016/j.ygyno.2021.05.037. Epub 2021 Jun 5. PMID: 34099315.

- Jou J, Charo L, Hom-Tedla M, Coakley K, Binder P, Saenz C, Eskander RN, McHale M, **Plaxe S**. Practice patterns and survival in FIGO 2009 stage 3B endometrial cancer. *Gynecol Oncol*. 2021 Nov;163(2):299-304. doi: 10.1016/j.ygyno.2021.09.005. Epub 2021 Sep 22. PMID: 34561099.
- Jou J, Coulter E, Roberts T, Binder P, Saenz C, McHale M, **Plaxe S**, Mayadev J, Eskander RN. Assessment of malnutrition by unintentional weight loss and its implications on oncologic outcomes in patient with locally advanced cervical cancer receiving primary chemoradiation. *Gynecol Oncol*. 2021 Mar;160(3):721-728. doi: 10.1016/j.ygyno.2020.12.009. Epub 2020 Dec 18. PMID: 33342621.
- Jou J, Zimmer Z, Charo L, Yau C, Saenz C, Eskander R, McHale M, Veerapong J, **Plaxe S**, Binder P. HIPEC after neoadjuvant chemotherapy and interval debulking is associated with development of platinum-refractory or -resistant disease. *Gynecol Oncol*. 2021 Apr;161(1):25-33. doi: 10.1016/j.ygyno.2020.11.035. Epub 2020 Dec 6. PMID: 33293046.
- Jou J, Binder P, Saenz C, Eskander R, McHale M, **Plaxe S**. Charting a professional course for academic gynecologic oncology mentors. *Gynecol Oncol*. 2021 Jan;160(1):265-270. doi: 10.1016/j.ygyno.2020.10.024. Epub 2020 Oct 31. PMID: 33131903.

Abstracts

- Hom MS, Mowers E, Barrie A, Jou J, Harrison T, Koonings P, Saenz C, **Plaxe S**, Binder P, McHale M, Eskander R. Effect of mismatch repair protein status on outcomes in high intermediate risk endometrial cancer. 52nd Annual Meeting of Society of Gynecologic Oncology, March 19-25, 2021.
- Jou J, Binder P, Saenz C, Eskander R, McHale M, **Plaxe S**. Adjuvant radiation in stage 1 endometrioid endometrial cancer (EC), a National Cancer Database (NCDB) study of clinical decision making in practice. Poster presentation. Society of Gynecologic Oncology March 2021 Annual Meeting.
- Jou J, Charo L, Hom M, Coakley K, Binder P, Saenz C, Eskander R, McHale M, **Plaxe S**. Patients with stage 3B endometrial cancer receive less chemotherapy, more radiation and have worse survival than other stage 3 EC patients. Poster presentation. Society of Gynecologic Oncology March 2021 Annual Meeting.
- Jou J, Brodsky A, Charo L, Binder PS, Saenz CC, Eskander RN, McHale MT, **Plaxe SC**. Trends and Regional Variation in Women's Representation as Principal Investigators (PI) in Phase 3 Gynecologic Oncology Clinical Trials. Poster presentation. Society of Gynecologic Oncology March 2021 Annual Meeting.

SAENZ, Cheryl

Peer-Reviewed Research Publications

- Jou J, Brodsky A, Charo L, Binder P, **Saenz C**, Eskander RN, McHale M, Plaxe S. Trends and geographic variation in women's representation as principal investigators (PI) in phase 3 gynecologic oncology clinical trials. *Gynecol Oncol*. 2021 Aug;162(2):389-393. doi: 10.1016/j.ygyno.2021.05.037. Epub 2021 Jun 5. PMID: 34099315.
- Jou J, Charo L, Hom-Tedla M, Coakley K, Binder P, **Saenz C**, Eskander RN, McHale M, Plaxe S. Practice patterns and survival in FIGO 2009 stage 3B endometrial cancer. *Gynecol Oncol*. 2021 Nov;163(2):299-304. doi: 10.1016/j.ygyno.2021.09.005. Epub 2021 Sep 22. PMID: 34561099.
- Jou J, Coulter E, Roberts T, Binder P, **Saenz C**, McHale M, Plaxe S, Mayadev J, Eskander RN. Assessment of malnutrition by unintentional weight loss and its implications on oncologic outcomes in patient with locally advanced cervical cancer receiving primary chemoradiation. *Gynecol Oncol*. 2021 Mar;160(3):721-728. doi: 10.1016/j.ygyno.2020.12.009. Epub 2020 Dec 18. PMID: 33342621.
- Jou J, Zimmer Z, Charo L, Yau C, **Saenz C**, Eskander R, McHale M, Veerapong J, Plaxe S, Binder P. HIPEC after neoadjuvant chemotherapy and interval debulking is associated with development of platinum-refractory or -resistant disease. *Gynecol Oncol*. 2021 Apr;161(1):25-33. doi: 10.1016/j.ygyno.2020.11.035. Epub 2020 Dec 6. PMID: 33293046.
- Jou J, Binder P, **Saenz C**, Eskander R, McHale M, Plaxe S. Charting a professional course for academic gynecologic oncology mentors. *Gynecol Oncol*. 2021 Jan;160(1):265-270. doi: 10.1016/j.ygyno.2020.10.024. Epub 2020 Oct 31. PMID: 33131903.

Abstracts

- Hom MS, Mowers E, Barrie A, Jou J, Harrison T, Koonings P, **Saenz C**, Plaxe S, Binder P, McHale M, Eskander R. Effect of mismatch repair protein status on outcomes in high intermediate risk endometrial cancer. 52nd Annual Meeting of Society of Gynecologic Oncology, March 19-25, 2021.
- Jou J, Binder P, **Saenz C**, Eskander R, McHale M, Plaxe S. Adjuvant radiation in stage 1 endometrioid endometrial cancer (EC), a National Cancer Database (NCDB) study of clinical decision making in practice. Poster presentation. Society of Gynecologic Oncology March 2021 Annual Meeting.
- Jou J, Charo L, Hom M, Coakley K, Binder P, **Saenz C**, Eskander R, McHale M, Plaxe S. Patients with stage 3B endometrial cancer receive less chemotherapy, more radiation and have worse survival than other stage 3 EC patients. Poster presentation. Society of Gynecologic Oncology March 2021 Annual Meeting.

- Jou J, Brodsky A, Charo L, Binder PS, **Saenz CC**, Eskander RN, McHale MT, Plaxe SC. Trends and Regional Variation in Women's Representation as Principal Investigators (PI) in Phase 3 Gynecologic Oncology Clinical Trials. Poster presentation. Society of Gynecologic Oncology March 2021 Annual Meeting.

Honors and Awards

- Expert Reviewer, Gynecologic Oncology Medical Board of California, Department of Consumer Affairs January 2021 - Present

SCHLAEPFER, David

Peer-Reviewed Research Publications

- Lee SG, Kim JS, Kim HJ, **Schlaepfer DD**, Kim IS, Nam JO (2021). Endothelial angiogenic activity and adipose angiogenesis is controlled by extracellular matrix protein TGFBI. Science Reports 2021 May 6;11(1):9644. PMCID: PMC8102489.
- Dawson JC, Serrels A, Stupack DG, **Schlaepfer DD**, Frame MC. Targeting FAK in anticancer combination therapies. Nat Rev Cancer. 2021 May;21(5):313-324. doi: 10.1038/s41568-021-00340-6. Epub 2021 Mar 17. PMID: 33731845.
- Zhou DW, Fernández-Yagüe MA, Holland EN, García AF, Castro NS, O'Neill EB, Eyckmans J, Chen CS, Fu J, **Schlaepfer DD**, García AJ (2021). Force-FAK signaling coupling at individual focal adhesions coordinates mechanosensing and microtissue repair. Nature Communications Apr 21;12(1):2359. PMCID: PMC8060400.
- Jeong K, Murphy JM, Kim JH, Campbell PM, Park H, Rodriguez YAR, Choi CS, Kim JS, Park S, Kim HJ, Scammell JG, Weber DS, Honkanen RE, **Schlaepfer DD**, Ahn EE, Lim SS (2021). FAK activation promotes SMC dedifferentiation via increased DNA methylation in contractile genes. Circulation Research 2021 Dec 3;129(12):e215-e233. doi: 10.1161/CIRCRESAHA.121.319066. PMCID: PMC8639767.

STUPACK, Dwayne

Peer-Reviewed Research Publications

- Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition)1 DJ Klionsky et al., Autophagy 17 (1), 1-382. doi: 10.1080/15548627.2020.1797280. Epub 2021 Feb 8. PMID: 33634751.

- C Secchi, P Benaglio, F Mulas, M Belli, **D Stupack**, S Shimasaki FOXO1 Mitigation of FOXL2C143W/SMAD3 Transcriptomic Landscape in a Model of Granulosa Cell Tumor Journal of the Endocrine Society doi: 10.1186/s12967-021-02754-0. PMID: 33639972.
- Secchi C, Belli M, Harrison NH, Swift J, Ko CM, Duleba AJ, **Stupack D**, Chang RJ. Effect of the special-temporal specific theca cell Cyp17 overexpression on the reproductive phenotype of the novel TC17 mouse. J Transl Med 2021.19:428 PMID: 34654452
- Dawson JC, Serrels A, **Stupack DG**, Schlaepfer DD, Frame MC. Targeting FAK in anticancer combination therapies. Nat Rev Cancer. 2021 May;21(5):313-324. doi: 10.1038/s41568-021-00340-6. Epub 2021 Mar 17. PMID: 33731845.
- Association of Copy Number Variation Signature and Survival in Patients With Serous Ovarian Cancer. Graf RP, Eskander R, Brueggeman L, **Stupack DG**. JAMA Network Open 4 (6), 2021 Jun 1;4(6):e2114162. doi: 10.1001/jamanetworkopen.2021.14162. PMID: 34181012.

Invited Presentations

- UCSD Obstetrics and Gynecology Retreat 2021

HOSPITALIST

Scholarly work involved multiple members of this division:

Abstracts

- **Cormano JL, Hoang M**, Mody SK, Coffey CS. Remote Clinical Learning in the OB/GYN Clerkship: An Innovative Strategy During COVID-19. 2021 CREOG & APGO Meeting.

CORMANO, Julia

Abstracts

- **Cormano JL**, Hoang M, Mody SK, Coffey CS. Remote Clinical Learning in the OB/GYN Clerkship: An Innovative Strategy During COVID-19. 2021 CREOG & APGO Meeting.

Invited Presentations

- 2021 – Remote Clinical Learning in the OB/GYN Clerkship: An Innovative Strategy During COVID-19 Cormano, J, Hoang, M. Mody, S, Coffey C.S. Oral presentation at APGO/CREOG Annual meeting March 2021

Honors and Awards

- TellyAward Winner 2021 for Motherhood TV segment, “Breastfeeding your Baby: Common Difficulties and Helpful Resources”

FRUGONI, Gina

Invited Presentations

- UCSD Department of Surgery – General Surgery Residency Core Curriculum faculty moderator “Topics in Gynecology and Obstetrics” May 2021

Honors and Awards

- 2021 Society for Academic Specialists in General Obstetrics and Gynecology Faculty Award

HARVEY, Scott

Peer-Reviewed Research Publications

- Estrada P, Ahn HJ, **Harvey SA**. Racial/Ethnic Disparities in Intensive Care Admissions in a Pregnant and Postpartum Population, Hawai'i, 2012-2017. Public Health Reports. June 2021. doi:10.1177/00333549211021146.

Review Articles and Book Chapters (Peer-reviewed)

- Fundamentals of Critical Care Support: Obstetrics, Version 2. Society of Critical Care Medicine, Mount Prospect, Illinois (Chief Editor of the book, lectures, course, and simulations, administrative work). September 2021.

Abstracts

- Estrada P, Ahn H, **Harvey SA**. Associations between race/ethnicity and perinatal outcomes in Hawai'i. Society for Maternal Fetal Medicine, Friday, January 29, 2021, Abstract number 679

Invited Presentations

- Estrada P, Ahn HJ, **Harvey S**. Associations between race/ethnicity and perinatal outcomes in Hawai'i. Society for Maternal Fetal Medicine 40th Annual Pregnancy Meeting. Abstract presented on January 29th, 2021.
- Obstetric Critical Care: Obstetric Hemorrhage for Family Planning Department, Obstetrics & Gynecology and Women's Health, University Health Partners on 29th of January, 2021, Honolulu, HI
- Trauma in Pregnancy: Obstetrics and Gynecology Resident Lecture Series at Kapi'olani Medical Center on 22nd of January 2021, Honolulu, HI
- Coagulation: ECMO Anticoagulation: Hanuola ECMO ONLINE Training Course: Biannually at Hawai'i Pacific Health, Honolulu, Hawai'i. January 2021.
- Respiratory Failure in Pregnancy and Arterial Blood Gas Interpretation: Maternal Fetal Medicine Fellowship lecture, UC San Diego Health, San Diego, California. December 2021.

- Critical Care in Obstetrics: Maternal Physiology, Cardiac Arrest in Pregnancy, Hypertension in Pregnancy, UC San Diego Health, Internal Medicine Residency Noon Report, San Diego, California. August 2021.
- Physiology of Pregnancy, UC San Diego Health, Obstetrics, Gynecology, & Reproductive Health Residency, San Diego, California. August 2021.

Honors and Awards

- Certificate of Recognition for acknowledgement through the Most Valuable Team Player Program for dedication to teaching physicians, nurses, and other staff, transforming care to exceed national standards, running the simulation program, and Directing the Adult Intensive Care Unit. Kapi'olani Medical Center for Women and Children, Hawai'i Pacific Health. February 2021.
- Certificate of Great Appreciation Award. "In recognition of your outstanding contributions to the department and our gratitude for your exemplary dedication and commitment to our learners. Department of Obstetrics, Gynecology & Women's Health, John A Burns School of Medicine, University of Hawai'i, Manoa. March 2021.

HOANG, Mai

Abstracts

- Cormano JL, **Hoang M**, Mody SK, Coffey CS. Remote Clinical Learning in the OB/GYN Clerkship: An Innovative Strategy During COVID-19. 2021 CREOG & APGO Meeting

Invited Presentations

- Remote Clinical Learning in the OB/GYN Clerkship: An Innovative Strategy During COVID-19 Cormano, J, **Hoang, M**. Mody, S, Coffey C.S. Oral presentation at APGO/CREOG Annual meeting March 2021

LACOURSIERE, Yvette

Peer-Reviewed Research Publications

- **LaCoursiere DY**, Scott JR, Chelmow D, Young AE, Sawaya GF, DeLancey J, Learman LA. In Reply. Obstet Gynecol. 2021 Feb 1;137(2):375. PMID: 33481512.

- **LaCoursiere DY**, Eskander R, Miller C, Brubaker L. Rapid Reorganization of an Academic OB-GYN Workforce During the COVID-19 Pandemic. J Reprod Med. 2021 Apr;66(2)67-74.
- Swor EC, Armijo GN, Ramos GA, Richards MK, **LaCoursiere DY**. Incidence of Abnormal Glucose Values After Delivery in Women With Gestational Diabetes Mellitus. Obstet Gynecol. 2021 Apr 1;137(4):670-672. PMID: 33706347.
- Meister MR, Zhou J, Chu H, Coyne-Beasley T, Gahagan S, **Yvette LaCoursiere D**, Mueller ER, Scal P, Simon L, Stapleton AE, Stoll CRT, Sutcliffe S, Berry A, Wyman JF; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Non-invasive bladder function measures in healthy, asymptomatic female children and adolescents: A systematic review and meta-analysis. J Pediatr Urol. 2021 Epub ahead of print. PMID: 34090791.
- Melber DJ, **Lacoursiere DY**. The Clerkship Passport Increases Student Participation in the Third-Year Medical Student Obstetrics Clerkship. J Repro Med. 2021 Oct;66(5)263-270. PMID: pending
- Delker E, Bandoli G, **LaCoursiere Y**, Ferran K, Gallo L, Oren E, Gahagan S, Ramos SG, Allison M. Chronic hypertension and risk of preterm delivery: National Longitudinal Study of Adolescents to Adult Health. Paediatric and Perinatal Epidemiology. Accepted, 2021.

Review Articles and Book Chapters (Peer-reviewed)

- M Kominiarek, M Smid, **DY LaCoursiere**. Obesity in Pregnancy. Creasy & Resnik's Maternal Fetal Medicine, Principles and Practice. Ninth Edition, Elsevier 2021.
- **LaCoursiere DY**. Behavioral Counseling Interventions for Healthy Weight During Pregnancy: An Ambitious Endeavor. JAMA. 2021 May 25;325(20):2053-2055. PMID: 34032846.

Honors and Awards

- "Top Doc" *San Diego Magazine* "Physicians of Exceptional Excellence", 2021

SUTTON, Alice

Invited Presentations

- "Bleeding, Babies, and Other Emergencies: OBGYN for the non-OBGYN" Lecture presented to the fourth-year medical students as part of the transition to residency course, UCSD School of Medicine. March 2021

Honors and Awards

- Whitehill Prize for Excellence June 2021

THOMSON, Samantha

Honors and Awards

- Cedars-Sinai Circle of Friends 2021
- Los Angeles Magazine Top Doctors 2021

MATERNAL-FETAL MEDICINE

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Zhang-Rutledge K, Pinson K, Perez M, Adami RR, Melber D, **Jacobs M**, Parast M, **Lamale-Smith L**, Averbach S, Hahn M, Pretorius D, **Ballas J**. FundAI Retroflexion (FAR) angle is a novel sonographic marker associated with Cesarean scar pregnancies in the first trimester: A case–control study. *Journal of Ultrasound in Medicine*. 2021 Mar 26.
- Green S, Pretorius DH, Crouch A, Anton T, **Jacobs M**, Ho Y, Henver R, **Lamale-Smith L**. What are the double lines on the fetal cavum septi pellucidi on ultrasound? *Journal of Ultrasound in Medicine*. Online ahead of print November 9, 2021. [PMID: 34751464]
- Melber DJ, Berman Z, **Jacobs MB**, Picel AC, Conturie C, Zhang-Rutledge K, Binder P, Eskander R, Roberts A, McHale M, **Ramos G**, **Ballas J**, **Kelly T**. Placenta accreta spectrum treatment with intraoperative multivessel embolization: The PASTIME Protocol. *American Journal of Obstetrics & Gynecology*. 2021; 225(4):442.e1-442.e10. [PMID: 34245679]
- Zhang-Rutledge, K., Pinson, K., Perez, M., Adami, R.R., Melber, D., **Jacobs, M.**, Parast, M., **Lamale-Smith, L.**, Averbach, S., Hahn, M., Pretorius, D. and **Ballas, J.** (2021), FundAI Retroflexion (FAR) angle is a novel sonographic marker associated with Cesarean scar pregnancies in the first trimester. *J Ultrasound Med*. <https://doi.org/10.1002/jum.15704>
- Pantham P, Soncin F, Zhang-Rutledge K, Srinivasan S, **Lamale-Smith L**, **Laurent L**, Parast M. (2021) Pathology of the Human Placenta. *Innovations in Placental Pathology*. Springer-Verlag Berlin Heidelberg (in press)

Review Articles and Book Chapters (Peer-reviewed)

- **Pantham P**, Soncin F, Zhang-Rutledge K, Srinivasan S, **Lamale-Smith L**, **Laurent LC**, Parast M. *Innovations in Placental Pathology*. *Benirschke's Pathology of the Human Placenta, 7th edition 2021*, 837-867, Springer-Verlag Berlin Heidelberg

Abstracts

- Zhang-Rutledge K[†], Tran V, Magallanes C, Roeder H, **Pantham P**, Srinivasan S, Barshop BA, Gertsman I, **Laurent LC**. Metabolomic markers for preeclampsia prediction. *American Journal of Obstetrics and Gynecology* 2021 Feb: 224 (2) Supplement S162. Society for Maternal Fetal Medicine Meeting 2021 Jan (Virtual conference)
- Zhang-Rutledge K[†], Tran V, Magallanes C, Roeder H, **Pantham P**, Srinivasan S, **Laurent LC**. Metabolomic biomarkers of chronic hypertension in pregnancy. *American Journal of Obstetrics and Gynecology* 2021 Feb: 224 (2) Supplement S175-S176. Society for Maternal Fetal Medicine Meeting 2021 Jan (Virtual conference)
- **Tarsa, M, Ramos G, Jacobs Marni**, Ghebrendrias S. Oral presentation. Top Plenary Award. Race and Payer Status as Indicators if the First Cesarean Section: An Institutional Analysis. Society for Academic Specialists in Obstetrics and Gynecology, April 2021.
- **Pantham P[†]**, Srinivasan S, DeHoff P, Vuppula A, Morey A, Parast M, Wildman DE, **Laurent LC**. Optimization of Extracellular Small RNA Isolation Methods for Transcriptomic Profiling of Urinary Extracellular Vesicles in Pregnancy. *Placenta* 2021 Sep: 112 E31-E32. Poster presentation, International Federation of Placenta Associations Meeting 2021 Sep (Virtual conference)
- Melber D, Berman A, **Jacobs M**, Picel A, Conturie CL, Zhang-Rutledge K, Parast M, Binder P, Eskander R, Roberts A, McHale M, **Ramos GA, Ballas J, Kelly T**. Placenta accreta spectrum treatment with intraoperative multivessel embolization to improve surgical outcomes: The PASTIME Protocol. Society of Maternal Fetal Medicine 41st Annual Pregnancy Meeting, 2021 Virtual. Am J Obstet Gynecol 2021: 224; S214-5.

BALLAS, Jerasimos

Peer-Reviewed Research Publications

- Hall S, White A, **Ballas J**, Saxton SN, Dempsey A, Saxer K. Education in Trauma-informed Care in Maternity Settings Can Promote Mental Health During the COVID-19 Pandemic. *Journal of Obstetric, Gynecologic & Neonatal Nursing*. 2021 Jan 9.
- Melber DJ, **Ballas J**. Clinical Applications for Doppler Ultrasonography in Obstetrics. *Curr Radiol Rep* 9, 2 (2021). <https://doi.org/10.1007/s40134-020-00377-9>.
- Zhang-Rutledge K, Pinson K, Perez M, Adami RR, Melber D, Jacobs M, Parast M, Lamale-Smith L, Averbach S, Hahn M, Pretorius D, **Ballas J**. FundAI Retroflexion (FAR) angle is a novel sonographic marker associated with Cesarean scar pregnancies in the first trimester: A case–control study. *Journal of Ultrasound in Medicine*. 2021 Mar 26.

Invited Presentations

- Melber D, Berman Z, Jacobs M, Conturie C, Zhang-Rutledge K, Parast M, Binder P, Eskander R, Roberts A, McHale M, Kelly T, Ramos G, **Ballas J**. Placenta Accreta Spectrum Treatment with Intraoperative Multivessel Embolization to improve surgical outcomes: The PASTIME Protocol. *Society for Maternal-Fetal Medicine's (SMFM) 41st Annual Pregnancy Meeting*. January 25-30, 2021: Las Vegas, NV (virtual).
- Invited Speaker and Panelist, Society for Maternal-Fetal Medicine Annual Meeting. January 27, 2021. Virtual Conference Substance Use Disorders, Medication Assisted Therapy & Peripartum Pain Management.
- Webinar Lecture, National Perinatal Association and NICU Parents Network, March 31, 2021. Covid-19 and the Fourth Trimester – A year of lessons learned

FISCH, Kathleen

Peer-Reviewed Research Publications

- Pang J, Nguyen NP, Luebeck J, Ball L, Finegersh A, Ren S, Nakagawa T, Flagg M, Sadat S, Mischel PS, Xu G, **Fisch K**, Guo T, Cahill G, Panuganti B, Bafna V, Califano J. [Extrachromosomal DNA in HPV mediated oropharyngeal cancer drives diverse oncogene transcription](#). *Clinical Cancer Research*. 2021 Sep 21;. doi: 10.1158/1078-0432.CCR-21-2484. PubMed PMID: 34548317. *Contribution: Investigation, Methodology, Supervision, Writing – review & editing*.
- Rosenthal SB, Willsey HR, Xu Y, Mei Y, Dea J, Wang S, Curtis C, Sempou E, Khokha MK, Chi NC, Willsey AJ, **Fisch KM**, Ideker T. [A convergent molecular network underlying autism and congenital heart disease](#). *Cell Systems*. 2021 Aug 13;. doi:10.1016/j.cels.2021.07.009. PubMed PMID: 34411509. *Contribution: Co-Corresponding Author, Conceptualization, Data Curation, Formal Analysis, Investigation, Methodology, Project Administration, Software, Supervision, Visualization, Writing – original draft, Writing – review & editing*.
- Vasquez-Bolanos LS, Gibbons MC, Ruoss S, Wu IT, Vargas-Vila M, Hyman SA, Esparza MC, Fithian DC, Lane JG, Singh A, Nasamran CA, **Fisch KM**, Ward SR. [Transcriptional Time Course After Rotator Cuff Tear](#). *Frontiers in Physiology*. 2021. doi:10.3389/fphys. 2021.707116. PubMed PMID: 34421646; PubMed Central PMCID: PMC8378535. *Contribution: Data Curation, Formal Analysis, Investigation, Methodology, Software, Supervision, Visualization, Writing – review & editing*.
- Shoshani O, Bakker B, de Haan L, Tijhuis AE, Wang Y, Kim DH, Maldonado M, Demarest MA, Artates J, Zhengyu O, Mark A, Wardenaar R, Sasik R, Spierings DCJ, Vitre B, **Fisch K**, Foijer F, Cleveland DW. [Transient genomic](#)

[instability drives tumorigenesis through accelerated clonal evolution](#). **Genes & Development**. 2021 Aug 1; 35(15-16): 1093-1108. doi: 10.1101/gad.348319.121. PubMed PMID: 34266887; PubMed Central PMCID: PMC8336898.

Contribution: Formal Analysis, Investigation, Methodology, Supervision, Visualization, Writing – review & editing.

- Bickler SW, Cauvi DM, **Fisch KM**, Prieto JM, Sykes AG, Thangarajah H, Lazar DA, Ignacio RC, Gerstmann DR, Ryan AF, Bickler PE, De Maio A. [Extremes of age are associated with differences in the expression of selected pattern recognition receptor genes and ACE2, the receptor for SARS-CoV-2: implications for the epidemiology of COVID-19 disease](#). **BMC Medical Genomics**. 2021 May 24;14(1):138. doi: 10.1186/s12920-021-00970-7. PubMed PMID: 34030677; PubMed Central PMCID: PMC8142073.

Contribution: Formal Analysis, Investigation, Methodology, Software, Visualization, Writing – review & editing.

- Overbey EG, Saravia-Butler AM, Zhang Z, Rathi KS, Fogle H, da Silveira WA, Barker RJ, Bass JJ, Beheshti A, Berrios DC, Blaber EA, Cekanaviciute E, Costa HA, Davin LB, **Fisch KM**, Gebre SG, Geniza M, Gilbert R, Gilroy S, Hardiman G, Herranz R, Kidane YH, Kruse CPS, Lee MD, Liefeld T, Lewis NG, McDonald JT, Meller R, Mishra T, Perera IY, Ray S, Reinsch SS, Rosenthal SB, Strong M, Szewczyk NJ, Tahimic CGT, Taylor DM, Vandenbrink JP, Villacampa A, Weging S, Wolverton C, Wyatt SE, Zea L, Costes SV, Galazka JM. [NASA GeneLab RNA-seq consensus pipeline: standardized processing of short-read RNA-seq data](#). **iScience**. 2021 Apr 23;24(4):102361. doi: 10.1016/j.isci.2021.102361 PubMed PMID: 33870146; PubMed Central PMCID: PMC8044432. *Contribution: Methodology, Writing – review & editing.*
- Ruoss S, Walker JT, Nasamran CA, **Fisch KM**, Paez CJ, Parekh JN, Ball ST, Chen JL, Ahmed SS, Ward SR. Strategies to Identify Mesenchymal Stromal Cells in Minimally Manipulated Human Bone Marrow Aspirate Concentrate Lack Consensus. **The American Journal of Sports Medicine**. 2021 Apr;49(5):1313-1322. doi: 10.1177/0363546521993788. Epub 2021 Mar 1. PubMed PMID: 33646886. *Contribution: Investigation, Methodology, Supervision, Writing – review & editing.*
- Zhou Y, Bastian IN, Long MD, Dow M, Li W, Liu T, Ngu RK, Antonucci L, Huang JY, Phung QT, Zhao XH, Banerjee S, Lin XJ, Wang H, Dang B, Choi S, Karin D, Su H, Ellisman MH, Jamieson C, Bosenberg M, Cheng Z, Haybaeck J, Kenner L, **Fisch KM**, Bourgon R, Hernandez G, Lill JR, Liu S, Carter H, Mellman I, Karin M, Shalapour S. Activation of NF- κ B and p300/CBP potentiates cancer chemotherapeutic response through induction of MHC-I antigen presentation. **Proceedings of the National Academy of Sciences of the United States of America**. 2021 Feb 23;118(8). doi: 10.1073/pnas.2025840118. PubMed PMID: 33602823; PubMed Central PMCID: PMC7923353. *Contribution: Data Curation, Formal Analysis, Visualization, Writing – review & editing.*
- Nasamran CA, Sachan ANS, Mott J, Kuras YI, Scherzer CR, Study HB, Ricciardelli E, Jepsen K, Edland SD, **Fisch KM**, Desplats P. Differential blood DNA methylation across Lewy body dementias. **Alzheimer's & Dementia** (Amst).

2021;13(1):e12156. doi: 10.1002/dad2.12156. eCollection 2021. PubMed PMID: 33665346; PubMed Central PMCID: PMC7896631. *Contribution: Data Curation, Formal Analysis, Investigation, Methodology, Project Administration, Software, Supervision, Visualization, Writing – review & editing.*

- Jiang Q, Isquith J, Ladel L, Mark A, Holm F, Mason C, He Y, Mondala P, Oliver I, Pham J, Ma W, Reynoso E, Ali S, Morris IJ, Diep R, Nasamran C, Xu G, Sasik R, Rosenthal SB, Birmingham A, Coso S, Pineda G, Crews L, Donohoe ME, Venter JC, Whisenant T, Mesa RA, Alexandrov LB, **Fisch KM**, Jamieson C. Inflammation-driven deaminase deregulation fuels human pre-leukemia stem cell evolution. **Cell Reports**. 2021 Jan 26;34(4):108670. doi: 10.1016/j.celrep.2020.108670. PubMed PMID: 33503434. *Contribution: Co-Corresponding Author, Conceptualization, Data Curation, Formal Analysis, Investigation, Methodology, Project Administration, Software, Supervision, Visualization, Writing – original draft, Writing – review & editing.*

Abstracts

- Gabriel, R., **Fisch, K.**, Waterman, R. 2021. The Association of ABCB1 Gene Polymorphism and Postoperative Chronic Opioid Use Following Lower Extremity Total Joint Arthroplasty. 46th Annual Regional Anesthesiology and Acute Pain Medicine Meeting, Lake Buena Vista, FL. (*oral presentation*)
- 35. Tan, M., **Fisch, K.**, Waterman, R., Gabriel, R. 2021. The Association of ABCB1 Gene Polymorphism and Postoperative Persistent Opioid Use Following Lower Extremity Total Joint Arthroplasty. Western Anesthesia Residents Conference 2021. (*oral presentation*)
- 34. **Fisch, K.**, Gabriel, R., Shahidi, B., Said, E., Waterman, R. 2019. Pharmacogenomics and opioid use patterns in patients with chronic spine pain. American Society of Human Genetics Annual Meeting, Houston, TX. (*poster presentation*)

Invited Presentations

- **Fisch, K.** “Integrative Multi-Omics in the A2CPS Consortium.” September 20, 2021. NIH Common Fund Acute to Chronic Pain Signatures Meeting, Virtual Meeting.
- **Fisch, K.** “Building a Molecular Atlas of the Human Placenta.” September 8, 2021. UC San Diego Department of Obstetrics, Gynecology & Reproductive Sciences Research Retreat, Virtual Meeting.

GYAMFI-BANNERMAN, Cynthia

Peer-Reviewed Research Publications

- Kern-Goldberger AR, Booker W, Friedman A, **Gyamfi-Bannerman C**. Racial and Ethnic Disparities in Cesarean Morbidity. *Am J Perinatol*. 2021 Dec 10. doi: 10.1055/s-0041-1739305. Epub ahead of print. PMID: 34891196.
- Spiegelman J, Bertozzi-Villa C, D'Alton ME, Aubey JJ, Fuchs K, Goffman D, **Gyamfi-Bannerman C**, Miller R, Robinson KE, Sheen JJ, Simpson LL, Valderrama NE, Wen T, Zork N, Friedman AM. Obstetric Inpatient and Ultrasound Clinical Personnel Absences during the COVID-19 Pandemic in New York City. *Am J Perinatol*. 2021 Nov 22. doi: 10.1055/s-0041-1740008. Epub ahead of print. PMID: 34808686.
- Andrikopoulou M, Panigrahi SK, Jaconia GD, **Gyamfi-Bannerman C**, Smiley RM, Page-Wilson G. Pregnancy-specific Adaptations in Leptin and Melanocortin Neuropeptides in Early Human Gestation. *J Clin Endocrinol Metab*. 2021 Nov 19;106(12):e5156-e5164. doi: 10.1210/clinem/dgab510. PMID: 34255061.
- Emeruwa UN, **Gyamfi-Bannerman C**, Wen T, Booker W, Wright JD, Huang Y, D'Alton ME, Friedman AM. Adverse Outcomes during Postpartum Readmissions after Deliveries Complicated by Hypertensive Disorders of Pregnancy. *Am J Perinatol*. 2021 Nov 12. doi: 10.1055/s-0041-1739429. Epub ahead of print. PMID: 34768308.
- Takyi AK, **Gyamfi-Bannerman C**. The association between assisted reproductive technology and preterm delivery in twin pregnancies. *Am J Obstet Gynecol MFM*. 2021 Oct 23;4(2):100522. doi: 10.1016/j.ajogmf.2021.100522. Epub ahead of print. PMID: 34700025.
- Booker WA, Ekpe EE, Handal-Orefice RC, Zhang Y, Cande A, Nieto V, **Gyamfi-Bannerman C**. Quantitative activity levels and gestational age at delivery: a prospective cohort study among nulliparous women. *Am J Obstet Gynecol MFM*. 2021 Oct 17;4(1):100503. doi: 10.1016/j.ajogmf.2021.100503. Epub ahead of print. PMID: 34666197.
- Battarbee AN, Stockwell MS, Varner M, Newes-Adeyi G, Daugherty M, **Gyamfi-Bannerman C**, Tita AT, Vorwaller K, Vargas C, Subramaniam A, Reichle L, Galang RR, Powers E, Lucca-Susana M, Parks M, Chen TJ, Razzaghi H, Dawood FS. Attitudes Toward COVID-19 Illness and COVID-19 Vaccination among Pregnant Women: A Cross-Sectional Multicenter Study during August-December 2020. *Am J Perinatol*. 2022 Jan;39(1):75-83. doi: 10.1055/s-0041-1735878. Epub 2021 Oct 1. PMID: 34598291.
- Booker WA, Reed EG, Power ML, Schulkin J, **Gyamfi-Bannerman C**, Manuck T, Berghella V, Vink J. OBGYN practice patterns regarding combination therapy for prevention of preterm birth: A national survey. *Eur J Obstet Gynecol Reprod Biol*. 2021 Nov;266:23-30. doi: 10.1016/j.ejogrb.2021.09.003. Epub 2021 Sep 10. PMID: 34560330.

- Madden N, Emeruwa UN, Polin M, Bejerano S, **Gyamfi-Bannerman C**, Booker WA. SARS-CoV-2 and hypertensive disease in pregnancy. *Am J Obstet Gynecol MFM*. 2021 Sep 25;4(1):100496. doi: 10.1016/j.ajogmf.2021.100496. Epub ahead of print. PMID: 34583055; PMCID: PMC8464081.
- Dawood FS, Varner M, Tita A, Newes-Adeyi G, **Gyamfi-Bannerman C**, Battarbee A, Bruno A, Daugherty M, Reichle L, Vorwaller K, Vargas C, Parks M, Powers E, Lucca-Susana M, Gibson M, Subramaniam A, Cheng YJ, Feng PJ, Ellington S, Galang RR, Meece J, Flygare C, Stockwell MS. Incidence, Clinical Characteristics, and Risk Factors of SARS-CoV-2 Infection among Pregnant Individuals in the United States. *Clin Infect Dis*. 2021 Aug 19:ciab713. doi: 10.1093/cid/ciab713. Epub ahead of print. PMID: 34410340; PMCID: PMC8513407.
- Hughes BL, Clifton RG, Rouse DJ, Saade GR, Dinsmoor MJ, Reddy UM, Pass R, Allard D, Mallett G, Fette LM, **Gyamfi-Bannerman C**, Varner MW, Goodnight WH, Tita ATN, Costantine MM, Swamy GK, Gibbs RS, Chien EK, Chauhan SP, El-Sayed YY, Casey BM, Parry S, Simhan HN, Napolitano PG, Macones GA; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal–Fetal Medicine Units Network. A Trial of Hyperimmune Globulin to Prevent Congenital Cytomegalovirus Infection. *N Engl J Med*. 2021 Jul 29;385(5):436-444. doi: 10.1056/NEJMoa1913569. PMID: 34320288; PMCID: PMC8363945.
- Mourad M, Jacob T, Sadovsky E, Bejerano S, Simone GS, Bagalkot TR, Zucker J, Yin MT, Chang JY, Liu L, Debelenko L, Shawber CJ, Firestein M, Ouyang Y, **Gyamfi-Bannerman C**, Penn A, Sorkin A, Wapner R, Sadovsky Y. Placental response to maternal SARS-CoV-2 infection. *Sci Rep*. 2021 Jul 13;11(1):14390. doi: 10.1038/s41598-021-93931-0. PMID: 34257394; PMCID: PMC8277865.
- American College of Obstetricians and Gynecologists' Committee on Obstetric Practice, Society for Maternal-Fetal Medicine. Medically Indicated Late-Preterm and Early-Term Deliveries: ACOG Committee Opinion, Number 831. *Obstet Gynecol*. 2021 Jul 1;138(1):e35-e39. doi: 10.1097/AOG.0000000000004447. PMID: 34259491.
- **Gyamfi-Bannerman C**, Huang Y, Bateman BT, Benson RJ, Pack AM, Wright JD, D'Alton ME, Friedman AM. Maternal morbidity and mortality associated with epilepsy. *J Matern Fetal Neonatal Med*. 2021 Jun 21:1-7. doi: 10.1080/14767058.2021.1938528. Epub ahead of print. PMID: 34154486.
- Gulersen M, **Gyamfi-Bannerman C**, Greenman M, Lenchner E, Rochelson B, Bornstein E. Time interval from late preterm antenatal corticosteroid administration to delivery and the impact on neonatal outcomes. *Am J Obstet Gynecol MFM*. 2021 Sep;3(5):100426. doi: 10.1016/j.ajogmf.2021.100426. Epub 2021 Jun 18. PMID: 34153514.
- Andrikopoulou M, Emeruwa UN, Ludwig E, Overton E, **Gyamfi-Bannerman C**. Race and neonatal respiratory morbidity in the late preterm period. *Am J Obstet Gynecol MFM*. 2021 Sep;3(5):100408. doi: 10.1016/j.ajogmf.2021.100408. Epub 2021 May 28. PMID: 34058419.

- Sutton D, D'Alton M, Zhang Y, Kahe K, Cepin A, Goffman D, Staniczenko A, Yates H, Burgansky A, Coletta J, Williams Z, **Gyamfi-Bannerman C**. COVID-19 vaccine acceptance among pregnant, breastfeeding, and nonpregnant reproductive-aged women. *Am J Obstet Gynecol MFM*. 2021 Sep;3(5):100403. doi: 10.1016/j.ajogmf.2021.100403. Epub 2021 May 25. PMID: 34048965; PMCID: PMC8146275.
- Bogardus MH, Wen T, **Gyamfi-Bannerman C**, Wright JD, Goffman D, Sheen JJ, D'Alton ME, Friedman AM. Racial and Ethnic Disparities in Peripartum Hysterectomy Risk and Outcomes. *Am J Perinatol*. 2021 Aug;38(10):999-1009. doi: 10.1055/s-0041-1729879. Epub 2021 May 27. PMID: 34044460.
- **Gyamfi-Bannerman C**, Jablonski KA, Blackwell SC, Tita ATN, Reddy UM, Jain L, Saade GR, Rouse DJ, Clark EAS, Thorp JM Jr, Chien EK, Peaceman AM, Gibbs RS, Swamy GK, Norton ME, Casey BM, Caritis SN, Tolosa JE, Sorokin Y, VanDorsten JP; Eunice Kennedy Shriver National Institute of Child Health Human Development Maternal-Fetal Medicine Units Network. Evaluation of Hypoglycemia in Neonates of Women at Risk for Late Preterm Delivery: An Antenatal Late Preterm Steroids Trial Cohort Study. *Am J Perinatol*. 2021 May 27;10.1055/s-0041-1729561. doi: 10.1055/s-0041-1729561. Epub ahead of print. PMID: 34044454; PMCID: PMC8626537.
- Dawood FS, Varner M, Munoz F, Stockwell MS, Suyama J, Li DK, Tita A, Mathias L, Shakib JH, Piedra PA, **Gyamfi-Bannerman C**, Weissman A, Ferber J, Battarbee AN, Wesley MG, Vorwaller K, Powers E, Gibson M, Bond N, Santarcangelo P, Avadhanula V, Newes-Adeyi G, Hunt DR, Subramaniam A, Sanusi A, Boone A, Ogokeh C, Macio I, Odouli R, Thind P, Vargas CY, Almonte C, Galang RR, Shapiro-Mendoza C, Campbell AP. Respiratory Viral Infections and Infection Prevention Practices Among Women With Acute Respiratory Illness During Delivery Hospitalizations During the 2019-2020 Influenza Season. *J Infect Dis*. 2022 Jan 5;225(1):50-54. doi: 10.1093/infdis/jiab292. Epub 2021 May 25. PMID: 34037764.
- Grobman WA, Sandoval G, Rice MM, Bailit JL, Chauhan SP, Costantine MM, **Gyamfi-Bannerman C**, Metz TD, Parry S, Rouse DJ, Saade GR, Simhan HN, Thorp JM Jr, Tita ATN, Longo M, Landon MB; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network. Prediction of vaginal birth after cesarean delivery in term gestations: a calculator without race and ethnicity. *Am J Obstet Gynecol*. 2021 Dec;225(6):664.e1-664.e7. doi: 10.1016/j.ajog.2021.05.021. Epub 2021 May 24. PMID: 34043983; PMCID: PMC8611105.
- Htun ZT, Hairston JC, **Gyamfi-Bannerman C**, Marasch J, Duarte Ribeiro AP. Antenatal Corticosteroids: Extending the Practice for Late-Preterm and Scheduled Early-Term Deliveries? *Children (Basel)*. 2021 Apr 1;8(4):272. doi: 10.3390/children8040272. PMID: 33916116; PMCID: PMC8066880.
- Dumitriu D, **Gyamfi-Bannerman C**. Understanding Risk for Newborns Born to SARS-CoV-2-Positive Mothers. *JAMA*. 2021 May 25;325(20):2051-2052. doi: 10.1001/jama.2021.6210. PMID: 33914045.

- Wen T, Liao L, Kern-Goldberger A, Guglielminotti J, **Gyamfi-Bannerman C**, Wright JD, D'Alton ME, Friedman AM. Risk for and temporal trends in cesarean surgical complications. *J Matern Fetal Neonatal Med*. 2021 Apr 28:1-9. doi: 10.1080/14767058.2021.1916461. Epub ahead of print. PMID: 33910462.
- Sutton D, Wen T, Staniczenko AP, Huang Y, Andrikopoulou M, D'Alton M, Feinberg BB, Fuchs K, Goffman D, **Gyamfi-Bannerman C**, Kahe K, Landau R, Lasky JA, Miller R, Ntoso AD, Panzer A, Sheen JJ, Simpson LL, Friedman AM. Clinical and Demographic Risk Factors for COVID-19 during Delivery Hospitalizations in New York City. *Am J Perinatol*. 2021 Apr 20. doi: 10.1055/s-0041-1727168. Epub ahead of print. PMID: 33878775.
- Madden N, Andrikopoulou M, Overton E, **Gyamfi-Bannerman C**. Latency Period after Preterm Premature Rupture of Membranes: Singletons versus Twins. *Am J Perinatol*. 2021 Apr 20. doi: 10.1055/s-0041-1727277. Epub ahead of print. PMID: 33878769.
- Schuster M, Ananth CV, Gomez D, Huang Y, **Gyamfi-Bannerman C**, Wright JD, D'Alton ME, Friedman AM. 17-alpha hydroxyprogesterone caproate and risk for venous thromboembolism during pregnancy. *J Matern Fetal Neonatal Med*. 2021 Apr 15:1-2. doi: 10.1080/14767058.2021.1911997. Epub ahead of print. PMID: 33855933.
- Ona S, Huang Y, Ananth CV, **Gyamfi-Bannerman C**, Wen T, Wright JD, D'Alton ME, Friedman AM. Services and Payer Mix of Black-Serving Hospitals and Related Severe Maternal Morbidity. *Am J Obstet Gynecol*. 2021 Mar 30:S0002-9378(21)00214-3. doi: 10.1016/j.ajog.2021.03.034. Epub ahead of print. PMID: 33798475.
- Kern-Goldberger AR, Arditi B, Wen T, Guglielminotti J, **Gyamfi-Bannerman C**, D'Alton M, Friedman AM. Risk for and disparities in critical care during delivery hospitalizations. *Am J Obstet Gynecol MFM*. 2021 Mar 22;3(4):100354. doi: 10.1016/j.ajogmf.2021.100354. Epub ahead of print. PMID: 33766807.
- Kern-Goldberger AR, Friedman A, Moroz L, **Gyamfi-Bannerman C**. Racial Disparities in Maternal Critical Care: Are There Racial Differences in Level of Care? *J Racial Ethn Health Disparities*. 2021 Mar 8. doi: 10.1007/s40615-021-01000-z. Epub ahead of print. PMID: 33686625.
- Metz TD, Clifton RG, Hughes BL, Sandoval G, Saade GR, Grobman WA, Manuck TA, Miodovnik M, Sowles A, Clark K, **Gyamfi-Bannerman C**, Mendez-Figueroa H, Sehdev HM, Rouse DJ, Tita ATN, Bailit J, Costantine MM, Simhan HN, Macones GA; Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. Disease Severity and Perinatal Outcomes of Pregnant Patients With Coronavirus Disease 2019 (COVID-19). *Obstet Gynecol*. 2021 Apr 1;137(4):571-580. doi: 10.1097/AOG.0000000000004339. PMID: 33560778; PMCID: PMC7984765.
- Kachikis A, Walker CL, McAdams RM, **Gyamfi-Bannerman C**, Adams Waldorf KM. Phenotypic overlap in neonatal respiratory morbidity following preterm premature rupture of membranes versus spontaneous preterm labor. *J*

Matern Fetal Neonatal Med. 2021 Jun;34(12):1941-1948. doi: 10.1080/14767058.2019.1651280. Epub 2019 Aug 11. PMID: 31402735; PMCID: PMC7010543.

- Battarbee AN, Glover AV, Vladutiu CJ, **Gyamfi-Bannerman C**, Aliaga S, Manuck TA, Boggess KA. Risk factors associated with prolonged neonatal intensive care unit stay after threatened late preterm birth. *J Matern Fetal Neonatal Med.* 2021 Apr;34(7):1042-1047.
- Mourad M, Too G, **Gyamfi-Bannerman C**, Zork N. Hypertensive disorders of pregnancy in twin gestations complicated by gestational diabetes. *J Matern Fetal Neonatal Med.* 2021 Mar;34(5):720-724.
- Dumitriu D, Emeruwa UN, Hanft E, Liao GV, Ludwig E, Walzer L, Arditi B, Saslaw M, Andrikopoulou M, Scripps T, Baptiste C, Khan A, Breslin N, Rubenstein D, Simpson LL, Kyle MH, Friedman AM, Hirsch DS, Miller RS, Fernández CR, Fuchs KM, Keown MK, Glassman ME, Stephens A, Gupta A, Sultan S, Sibbles C, Whittier S, Abreu W, Akita F, Penn A, D'Alton ME, Orange JS, Goffman D, Saiman L, Stockwell MS, **Gyamfi-Bannerman C**. Outcomes of Neonates Born to Mothers With Severe Acute Respiratory Syndrome Coronavirus 2 Infection at a Large Medical Center in New York City. *JAMA Pediatr.* 2021 Feb 1;175(2):157-167.
- Martinez R, Bernstein K, Ring L, Ona S, Baptiste C, Syeda S, Aziz A, Robinson K, Valderrama N, Sheen JJ, D'Alton M, Goffman D, **Gyamfi-Bannerman C**, Moroz L, Landau R. Critical Obstetric Patients During the Coronavirus Disease 2019 Pandemic: Operationalizing an Obstetric Intensive Care Unit. *Anesth Analg.* 2021 Jan;132(1):46-51.

Abstracts

- Madden N, Emeruwa U, Polin M, Bejerano S, **Gyamfi-Bannerman C**, Booker WA. 32: COVID-19 and new hypertensive disease in pregnancy. *Am J Obstet Gynecol* 2021;224(suppl1):S23-S24.
- Andrikopoulou M, **Gyamfi-Bannerman C**, Bejerano S, Ludwig E, Berkowitz RL. 94: Perinatal outcomes of asymptomatic versus symptomatic COVID positive pregnant women. *Am J Obstet Gynecol* 2021;224(suppl1):S67.
- Arditi B, Syeda SK, Chen C, Timothy Wen, Clara Bertozzi-Villa, Ukachi Emeruwa, Samsiya Ona, **Gyamfi-Bannerman C**. 587: Disparities in COVID-19 incidence and outcomes by insurance type. *Am J Obstet Gynecol* 2021;224(suppl1):S370.
- Kane VA, Andrikopoulou M, Bertozzi-Villa C, **Gyamfi-Bannerman C**. 595: Low-dose aspirin for preterm birth prevention in low-risk mothers by race. *Am J Obstet Gynecol* 2021;224(suppl1):S374-S375.
- Ludwig E, Frappalo A, Bejerano S, Polin M, **Gyamfi-Bannerman C**, Booker WA. 807: Oral nifedipine versus intravenous labetalol in the treatment of severe hypertension in the postpartum period. *Am J Obstet Gynecol* 2021;224(suppl1):S502.

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- Ona S, Bejerano S, Chen C, Polin M, Arditi B, Vink J, Coletta JL, **Gyamfi-Bannerman C**, Turitz A. 947: Recurrence risk of short cervix in women with history of short cervix and term delivery. *Am J Obstet Gynecol* 2021;224(suppl1):S588.
- Ona S, Andrikopoulou M, Chen C, Miller RS, Simpson L, Cynthia **Gyamfi-Bannerman C**, Turitz A. 951: The association between COVID19 infection and umbilical artery dopplers in growth-restricted pregnancies. *Am J Obstet Gynecol* 2021;224(suppl1):S590.
- Ona S, Krenitsky N, Chen C, Hairston J, Reed-Weston AE, Polin M, Arditi B, Vink J, Mourad M, Coletta JL, Turitz A, Goffman D, D'Alton ME, **Gyamfi-Bannerman C**. 953: Risk of cervical shortening and spontaneous preterm births during the COVID19 pandemic. *Am J Obstet Gynecol* 2021;224(suppl1):S591-S592.
- Gulersen M, **Gyamfi-Bannerman C**, Greenman M, Lenchner E, Rochelson B, Bornstein E. 958: The impact of time interval from late preterm corticosteroid administration to delivery on neonatal outcomes. *Am J Obstet Gynecol* 2021;224(suppl1):S594-S595.
- Emeruwa U, **Gyamfi-Bannerman C**, Wen T, Wright JD, D'Alton ME. 991: Adverse outcomes during postpartum readmissions after deliveries complicated by hypertensive disorders of pregnancy. *Am J Obstet Gynecol* 2021;224(suppl1):S614-S615.
- Emeruwa U, Ona S, Kahe K, Chen C, Syeda SK, Bertozzi-Villa C, Arditi B, Spiegelman J, Melamed A, Miller RS, **Gyamfi-Bannerman C**. 1068: Racial and ethnic disparities in pregnancy related to SARS-CoV-2 infection. *Am J Obstet Gynecol* 2021;224(suppl1):S660-S661.

Invited Presentations

- **Invited Keynote Speaker**, ACOG Hawaii Section, 33rd Annual OB-GYN Update, “Progesterone and Preterm Birth”, “Late Preterm Steroids”, and “Maternal Morbidity & Mortality”, Hualalai, Kailua-Kona, Hawaii, November 12-14, 2021

- **Invited Keynote Speaker**, San Diego Study of Outcomes in Mothers and Infants (SOMI), The Big Picture: Linking and Leveraging Administrative Data for Maternal and Child Health Research, “Maternal Morbidity and Mortality / Health Disparities”, Webinar: October 25, 2021
- **Invited Speaker**, Advancing NIH Research on the Health of Women: A 2021 Conference, “Opportunities in Clinical Research to Reduce Maternal Morbidity and Mortality”, Webinar: October 20, 2021
- **Invited Guest Speaker**, American Academy of Pediatrics 46th Annual Seminar on Neonatal-Perinatal Medicine, Controversies in Perinatal Medicine: Evidence for Current Practice, “What the Society for Maternal Fetal Medicine Can Do for You” and “MFM Talk”, Scottsdale, Arizona, September 18-21, 2021
- **Invited Speaker**, Christiana Care Health OBGYN Virtual Grand Rounds, “COVID-19 pandemic in NYC: Perspectives from pregnancy in defining the COVID literature”, Webinar: August 11, 2021
- **President**, PREBIC Global Meeting, “COVID-19: The Evolution of a Pandemic in New York City”, Webinar (SRI PREBIC session): July 6, 2021
- **Invited Speaker**, The 13th Philadelphia Virtual Prenatal Conference, “The Current Management of PPRM & Preterm labor”, Philadelphia, PA, June 10, 2021
- **Invited Speaker**, Hologic Inc. 2021 Virtual Lecture Series, “Triage and Management of Late Preterm Birth”, Marlborough, MA, June 3, 2021
- **Invited Speaker**, Saint Peter’s University Hospital OBGYN Grand Rounds, “PACT”, New Brunswick, NJ, May 14, 2021
- **Invited Speaker**, Saint Francis Hospital and Medical Center 9th Annual OBGYN Resident Research Day, “COVID-19 pandemic in NYC: Perspectives from pregnancy in defining the COVID literature”, Hartford, CT, May 12, 2021
- **Invited Speaker**, Chief Pro Tem at Brown/Women & Infants OBGYN Grand Rounds, “COVID-19: The Evolution of a Pandemic in NYC”, Providence, RI, May 6, 2021
- **Invited Speaker**, Rutgers New Jersey Medical School OBGYN Grand Rounds, “COVID-19: The Evolution of a Pandemic in NYC”, Newark, NJ, May 5, 2021
- **Invited Speaker**, Perinatal Loss Conference, “Racial inequalities and perinatal loss”, April 30, 2021
- **President**, PREBIC Global Annual Meeting, “Antenatal Corticosteroids and preterm birth in LMICs”, Webinar: April, 2021
- **Invited Faculty Lecturer**, Columbia University Irving Medical Center Didactic Lecture for Residents, “Basics of Study Design and Regression”, New York, April 1, 2021
- **Invited Faculty Lecturer**, Columbia University Irving Medical Center Didactic Lecture for Residents, “PPROM”, New York, February 25, 2021

- **Invited Faculty Lecturer**, “Modern Perinatology”, Webinar: Łódź, Poland, February 2021
- **Invited Faculty Lecturer**, Mailman School of Public Health, “Perinatal Epidemiology”, New York, February 24, 2021
- **Speaker**, SMFM Annual Meeting, “Racism, Equity and Respectful Care: A Primer for MFMs”, January 27, 2021

Honors and Awards

- SMFM Award of Research Excellence, “Low-dose aspirin for preterm birth prevention in low-risk mothers by race.” Kane V, Andrikopoulou M, Bertozzi-Villa C, **Gyamfi-Bannerman C**. January 2021

HULL, Andrew

Peer-Reviewed Research Publications

- Strobel KM, Romero T, Kramer K, Fernandez E, Rottkamp C, Uy C, Keller R, Moyer L, Poulain F, Kim JH, DeUgarte DA, Calkins KL; University of California Fetal Consortium. Growth Failure Prevalence in Neonates with Gastroschisis: A Statewide Cohort Study. (2021) J Pediatr. S0022-3476(21)00122-0. PMID: 33647253. ORIGINAL RESEARCH (Member of UC Fetal Consortium, involved in study design, data collection, interpretation and writing).

Jacobs, Marni

Peer-Reviewed Research Publications

- Frantantoni K, Soghier L, Kritikos K, Jacangelo J, Herrera N, Tuchman L, Glass P, Streisand R, **Jacobs M**. Giving Parents Support: A randomized trial of peer support for parents after NICU discharge. *Journal of Perinatology*. In Press.
- Green S, Pretorius DH, Crouch A, Anton T, **Jacobs M**, Ho Y, Henver R, Lamale-Smith L. What are the double lines on the fetal cavum septi pellucidi on ultrasound? *Journal of Ultrasound in Medicine*. Online ahead of print November 9, 2021. [PMID: 34751464]
- Wu Y, Lu Y, Kapse K, **Jacobs M**, Niforatos-Andescavage N, Donofrio M, Lopez C, Quistorff JL, Vezina G, Krishnan A, du Plessis A, Limperopoulos C. In utero MRI identifies impaired second trimester subplate growth in

fetuses with congenital heart disease. *Cerebral Cortex*. Online ahead of print October 28, 2021. [PMID: 34882775]

- Fu L, Smith A, Ciotoli C, Dannenbaum M, **Jacobs M**. An immunization quality improvement learning collaborative in the college health setting. *Journal of American College Health*. Online ahead of print October 20, 2021. [PMID: 34670105]
- Andescavage N, Kapse K, Lu Y, Barnett S, **Jacobs M**, Gimovsky A, Ahmadzia H, Quistorff J, Lopez C, Andersen N, Bulas D, Limperopoulos C. Normative placental structure in pregnancy using quantitative in-vivo magnetic resonance imaging. *Placenta*. 2021; 112: 172-179. [PMID: 34365206; PMCID: 8493557]
- Melber DJ, Berman Z, **Jacobs MB**, Picel AC, Conturie C, Zhang-Rutledge K, Binder P, Eskander R, Roberts A, McHale M, Ramos G, Ballas J, Kelly T. Placenta accreta spectrum treatment with intraoperative multivessel embolization: The PASTIME Protocol. *American Journal of Obstetrics & Gynecology*. 2021; 225(4):442.e1-442.e10. [PMID: 34245679]
- Unegbu C, Iyer J, **Jacobs M**, Deutsch N, Matisoff A. Perioperative outcomes in children with congenital heart disease when cared for by a congenital cardiac anesthesiologist during noncardiac surgery. *Perioperative Care and Operating Room Management*. 2021; 24: 100194.
- DiGiacomo DV, Herbert L, **Jacobs M**, Ramos A, Robbins KA. Maternal dietary allergen restriction while breastfeeding: Pediatric resident knowledge and practices. *Journal of Food Allergy*. 2021; 3(2): 50-55.
- Zhang-Rutledge K, **Jacobs M**, Patberg E, Field N, Holliman K, Strobel KM, Murphy A, Robles D, Rangwala N, Gonzalez JM, Sparks TN. Interval growth across gestation in pregnancies with fetal gastroschisis. *American Journal of Obstetrics & Gynecology Maternal-Fetal Medicine*. 2021; 3(5). [PMID: 34082169; PMCID: 8434973]
- Krishnan A, **Jacobs MB**, Morris SA, Peyvandi S, Bhat AH, Chelliah A, Chiu JS, Cuneo BF, Freire G, Hornberger LK, Howley L, Husain N, Ikemba C, Kavanaugh-McHugh A, Kutty S, Lee C, Lopez KN, McBrien A, Michelfelder EC, Pinto NM, Schwartz R, Stern KWD, Taylor C, Thakur V, Tworetzky W, Wittlieb-Weber C, Woldu K, Donofrio MT. Impact of socioeconomic status, race and ethnicity, and geography on prenatal detection of hypoplastic left heart syndrome and transposition of the great arteries. *Circulation*. 2021; 143(21):2049-2060. [PMID: 33993718; PMCID: 8162295]
- **Jacobs M**,* James MK,* Lowes LP, Alfano LN, Eagle M, Lofra RM, Moore U, Feng J, Rufibach LE, Rose K, Duong T, Bello L, Pedrosa-Hernandez I, Holsten S, Sakamoto C, Canal A, Sánchez-Aguilera Práxedes N, Thiele S, Siener C, Vandevelde B, DeWolf B, Maron E, Guglieri M, Hogrel J, Blamire AM, Carlier PG, Spuler S, Day JW, Jones KJ, Bharucha-Goebel DX, Salort-Campana E, Pestronk A, Walter MC, Paradas C, Stojkovic T, Mori-Yoshimura M, Bravver E, Diaz-Manera J, Pegoraro E, Mendell JR, The Jain Consortium, Mayhew AG,† Straub V.‡ Assessing

dysferlinopathy patients over three years with a new motor scale. *Co-first authors; ‡Co-last authors. *Annals of Neurology*. 2021; 89(5): 967-978. [PMID: 33576057]

- Zun Z, Kushal K, **Jacobs M**, Basu S, Said M, Anderson N, Murnick J, Chang T, du Plessis A, Limperopoulos C. Longitudinal trajectories of regional cerebral blood flow in very preterm infants during third trimester ex utero development assessed using MRI. *Radiology*. 2021; 299(3): 691-702. [PMID: 33787337; PMCID: 8165945]
- Rieger MM, Duran P, Cook M, Schnek S, Shah M, **Jacobs M**, Christman K, Kado D, Alperin M. Quantifying the effects of aging on morphological and cellular properties of human female pelvic floor muscles. *Annals of Biomedical Engineering*. 2021; 49(8): 1836-1847. [PMID: 33683527; PMCID: 8376748]
- Obeid R, **Jacobs M**, Chang T, Massaro AN, Bluth E, Murnick JG, Bulas D, Bandarkar A, Oluigbo C, Penn AA. The utility of the fronto-temporal horn ratio on cranial ultrasound in premature newborns: a ventriculomegaly marker. *Pediatric Research*. 2021; 89(7): 1715-1723. [PMID: 33504949]

Abstracts

- Tarsa, M, Ramos G, **Jacobs Marni**, Ghebrendrias S. Oral presentation. Top Plenary Award. Race and Payer Status as Indicators if the First Cesarean Section: An Institutional Analysis. Society for Academic Specialists in Obstetrics and Gynecology, April 2021.

Invited Presentations

- Zachek C, Mody S, Siddiqui N, Bukowski K, **Jacobs M**, Averbach S. Exploring the impact of COVID-19 on gestational age at the time of abortion: An interrupted time series analysis in Southwest California. *Society of Family Planning Annual Meeting*. October 1-2, 2021: Virtual.
- Obeid R, **Jacobs M**, Chang T, Masaro AN, Bulas D, Penn A. Cerebral perfusion using the resistive index on doppler ultrasound in extremely premature newborns with ventriculomegaly. *Pediatric Academic Societies (PAS) 2021 Virtual Meeting (Phase 1)*. April 30-May 4, 2021.
- Martinez-King LC, Waks A, Mochizuki M, Santiago G, Sanders B, Fratto V, Laurent LC, **Jacobs M**. Clinical presentation impacts optimization of antenatal corticosteroids in patients evaluated for preterm labor. *The Society for Academic Specialists in General Obstetrics and Gynecology Virtual Annual Meeting*. April 9, 2021.
- Waks A, Martinez-King C, Santiago G, Mochizuki M, Young B, Sanders B, Fratto V, Laurent L, **Jacobs M**. Are we triaging effectively? Likelihood of preterm delivery following triage versus antepartum admission. *Society for Maternal-Fetal Medicine's (SMFM) 41st Annual Pregnancy Meeting*. January 25-30, 2021: Las Vegas, NV (virtual).

- Melber D, Berman Z, Jacobs M, Conturie C, Zhang-Rutledge K, Parast M, Binder P, Eskander R, Roberts A, McHale M, Kelly T, Ramos G, Ballas J. Placenta Accreta Spectrum Treatment with Intraoperative Multivessel Embolization to improve surgical outcomes: The PASTIME Protocol. *Society for Maternal-Fetal Medicine's (SMFM) 41st Annual Pregnancy Meeting*. January 25-30, 2021: Las Vegas, NV (virtual).

Pantham, Priya

Peer-Reviewed Research Publications

- **Pantham P**, Armstrong DL, Bodnariuc, J, Haupt, O, Johnson AW, Underhill L, Iozzo R, Lechner B, Wildman DW. Transcriptomic Profiling of Fetal Membranes of Mice Deficient in Biglycan and Decorin as a Model of Preterm Birth. *Biology of Reproduction* 2021 Mar11;104(3):611-623

Review Articles and Book Chapters (Peer-reviewed)

- **Pantham P**, Soncin F, Zhang-Rutledge K, Srinivasan S, Lamale-Smith L, Laurent LC, Parast M. Innovations in Placental Pathology. *Benirschke's Pathology of the Human Placenta, 7th edition 2021*, 837-867, Springer-Verlag Berlin Heidelberg

Abstracts

- Zhang-Rutledge K[†], Tran V, Magallanes C, Roeder H, **Pantham P**, Srinivasan S, Barshop BA, Gertsman I, Laurent LC. Metabolomic markers for preeclampsia prediction. *American Journal of Obstetrics and Gynecology* 2021 Feb: 224 (2) Supplement S162. Society for Maternal Fetal Medicine Meeting 2021 Jan (Virtual conference)
- Zhang-Rutledge K[†], Tran V, Magallanes C, Roeder H, **Pantham P**, Srinivasan S, Laurent LC. Metabolomic biomarkers of chronic hypertension in pregnancy. *American Journal of Obstetrics and Gynecology* 2021 Feb: 224 (2) Supplement S175-S176. Society for Maternal Fetal Medicine Meeting 2021 Jan (Virtual conference)
- **Pantham P[†]**, Srinivasan S, DeHoff P, Vuppula A, Morey A, Parast M, Wildman DE, Laurent LC. Optimization of Extracellular Small RNA Isolation Methods for Transcriptomic Profiling of Urinary Extracellular Vesicles in Pregnancy. *Placenta* 2021 Sep: 112 E31-E32. Poster presentation, International Federation of Placenta Associations Meeting 2021 Sep (Virtual conference)

Invited Presentations

- “Transcriptomic Profiling of Maternal Urine for Identification of Biomarkers in Preeclampsia”, Perinatal Biology Seminar 2021 Jun, Loma Linda University, CA, USA
- “Transcriptomic Profiling of Maternal Urine for Identification of Biomarkers in Preeclampsia”, Center for Perinatal Discovery Annual Symposium Jun 2021, University of California San Diego, CA, USA
- “Transcriptomic Profiling of Maternal Urine for Identification of Biomarkers in Preeclampsia”, Reproductive and Perinatal Biology Seminar Series 2021 Sep, University of Florida, FL, US

KELLY, Thomas

Peer-Reviewed Research Publications

- Yang JZ, Fernandes TM, Kim NH, Poch DS, Lombardi S, Melber D, **Kelly T**, Papamatheakis DG. Pregnancy and pulmonary hypertension: A case series and literature review. Am J Obstet Gynecol Maternal Fetal Medicine, 2021 <http://dx.doi.org/10.1016/j.ajogmf.2021.100358>
- Melber DJ, Berman ZT, Jacobs MB, Picel AC, Conturie CL, Zhang-Rutledge K, Binder PS, Eskander RN, Roberts AC, McHale MT, Ramos GA, Ballas J, **Kelly TF**. Placenta accreta spectrum treatment with intraoperative multivessel embolization: The PASTIME protocol. Am J Obstet Gynecol 2021; Online ahead of print. <http://dx.doi.org/10.1016/j.ajog.2021.07.001>

Review Articles and Book Chapters (Peer-reviewed)

- CA-PMSS Review Committee for California Pregnancy-Related Deaths 2008-2016, Published by the California Pregnancy Mortality Surveillance System, September 2021
<https://www.cdph.ca.gov/Programs/CFH/DMCAH/surveillance/CDPH%20Document%20Library/CA-PMSS/CA-PMSS-Surveillance-Report-2008-2016.pdf>

Abstracts

- Melber D, Berman A, Jacobs M, Picel A, Conturie CL, Zhang-Rutledge K, Parast M, Binder P, Eskander R, Roberts A, McHale M, Ramos GA, Ballas J, **Kelly T**. Placenta accreta spectrum treatment with intraoperative multivessel embolization to improve surgical outcomes: The PASTIME Protocol. Society of Maternal Fetal Medicine 41st Annual Pregnancy Meeting, 2021 Virtual. Am J Obstet Gynecol 2021: 224; S214-5.

- Yang J, Fernandes T, Kim NH, Poch DS, Kerr KM, Lombardi S, Melber D, **Kelly T**, Papamatheakis DG. Pregnancy, labor and delivery in pulmonary arterial hypertension. American Thoracic Society Annual Meeting, 2021, San Diego. Am J Respir Crit Care Med 2021; 203: A3703.

Invited Presentations

- Melber D, Berman Z, Jacobs M, Conturie C, Zhang-Rutledge K, Parast M, Binder P, Eskander R, Roberts A, McHale M, **Kelly T**, Ramos G, Ballas J. Placenta Accreta Spectrum Treatment with Intraoperative Multivessel Embolization to improve surgical outcomes: The PASTIME Protocol. *Society for Maternal-Fetal Medicine's (SMFM) 41st Annual Pregnancy Meeting*. January 25-30, 2021: Las Vegas, NV (virtual).
- Speaker, Annual Doctors' Panel- Lupus Doctors' Panel Sponsored by Lupus Foundation of Southern California, Virtual Zoom Webinar Room, May 2021

LAMALE-SMITH, Leah

Peer-Reviewed Research Publications

- Strobel KM, Romero T, Kramer K, Fernandez E, Rottkamp C, Uy C, Keller R, Moyer L, Poulain F, Kim JH, DeUgarte DA, Calkins KL, et al; University of California Fetal Consortium. Growth Failure Prevalence in Neonates with Gastroschisis: A Statewide Cohort Study. J Pediatr. 2021 Feb 26:S0022-3476(21)00122-0. doi: 10.1016/j.jpeds.2021.02.013. Epub ahead of print. PMID: 33647253.
- Zhang-Rutledge, K., Pinson, K., Perez, M., Adami, R.R., Melber, D., Jacobs, M., Parast, M., **Lamale-Smith, L.**, Averbach, S., Hahn, M., Pretorius, D. and Ballas, J. (2021), FundAI Retroflexion (FAR) angle is a novel sonographic marker associated with Cesarean scar pregnancies in the first trimester. J Ultrasound Med. <https://doi.org/10.1002/jum.15704>
- Pantham P, Soncin F, Zhang-Rutledge K, Srinivasan S, **Lamale-Smith L**, Laurent L, Parast M. (2021) Pathology of the Human Placenta. Innovations in Placental Pathology. Springer-Verlag Berlin Heidelberg (in press)

LAURENT, Louise

Peer-Reviewed Research Publications

- Singh NK, Ray P, Carlin AF, Magallanes C, Morgan SC, **Laurent LC**, Aronoff-Spencer ES, Hall EA. 2021. "Hitting the diagnostic sweet spot: Point-of-care SARS-CoV-2 salivary antigen testing with an off-the-shelf glucometer." *Biosensors and Bioelectronics*, 180: 113111. *Supervision of sample collection and editing of manuscript.*
- Zeller M, Gangavarapu K, Anderson C, Smither A R, Vanchiere J A, Rose R, Dudas G, Snyder D J, Watts A, Matteson N L, Robles-Sikisaka R, Marshall M, Feehan A K, Sabino-Santos G, Bell-Kareem A, Hughes L D, Alkuzweny M, Snarski P, Garcia-Diaz J, Scott R S, Melnik L I, Klitting R, McGraw M, Belda-Ferre P, DeHoff P, Sathe S, Marotz C, Grubaugh N, Nolan D J, Drouin A C, Genemaras K J, Chao K, Topol S, Spencer E, Nicholson L, Aigner S, Yeo G W, Farnaes L, Hobbs C A, **Laurent LC**, Knight R, Hodcroft E B, Khan K, Fusco D N, Cooper V S, Lemey P, Gardner L, Lamers S L, Kamil J P, Garry R F, Suchard M A, Andersen K G. 2021. "Emergence of an early SARS-CoV-2 epidemic in the United States." *Cell*, 184(19):4939-4952. PMID: 34508652 PMCID: PMC8313480. *Participation in implementation of SARS-CoV-2 viral RNA detection and whole genome sequencing, editing of manuscript.*
- Washington NL, Ganavarapu K, Zeller M, Bolze A, Cirulli ET, Schiabor KM, Larsen BB, Anderson C, White S, Cassens T, Jacobs S, Levan G, Nguyen J, Ramirez JM, Rivera-Garcia C, Sandoval E, Wang X, Wong D, Spencer E, Robles-Sikisaka R, Kurzban E, Hughes LD, Deng X, Wang C, Servellita V, Valentine H, De Hoff P, Seaver P, Sathe S, Gietzen K, Sickler B, Antico J, Hoon K, Liu J, Harding A, Bakhtar O, Basler T, Austin B, MacCannell D, Isaksson M, Febbo PG, Becker D, Laurent M, McDonald E, Yeo GW, Knight R, **Laurent LC**, de Feo E, Worobey M, Chiu C, Suchard MA, Lu JT, Lee E, Andersen KG. 2021. "Genomic epidemiology identifies emergence and rapid transmission of SARS-CoV-2 B.1.1.7 in the United States." *Cell*, 184(10):2587-2594. PMID: 33861950 PMCID: PMC8009040. *Supervision of SARS-CoV-2 viral RNA detection and whole genome sequencing, editing of manuscript.*
- Singh NK, Ray P, Carlin AF, Magallanes C, Morgan SC, **Laurent LC**, Aronoff-Spencer ES, Hall DA. 2021. "Hitting the diagnostic sweet spot: Point-of-care SARS-CoV-2 salivary antigen testing with an off-the-shelf glucometer." *Biosens Bioelectron*, 180:113111. PMID: 33743492 PMCID: PMC7908832. *Clinical samples for validation, editing of manuscript.*
- Morey R, Farah O, Kallol S, Requena DF, Meads M, Moretto-Zita M, Soncin F, **Laurent LC**, Parast MM. 2021. "Transcriptomic Drivers of Differentiation, Maturation, and Polyploidy in Human Extravillous Trophoblast." *Front Cell Dev Biol.*, 9:702046. PMID: 34540826 PMCID: PMC8446284. *Supervision of data generation and analysis, editing of manuscript.*
- Valkov N, Das A, Tucker NR, Li G, Salvador AM, Chaffin MD, Pereira De Oliveira Junior G, Kur I, Gokulnath P, Ziegler O, Yeri A, Lu S, Khamesra A, Xiao C, Rodosthenous R, Srinivasan S, Toxavidis V, Tigges J, **Laurent LC**,

Momma S, Kitchen R, Ellinor P, Ghiran I, Das S. 2021. "SnRNA sequencing defines signaling by RBC-derived extracellular vesicles in the murine heart." *Life Sci Alliance*, 4(12):e202101048. PMID: 34663679 PMCID: PMC8548207. *Supervision of data generation, editing of manuscript.*

- Salido RA, Cantú VJ, Clark AE, Leibel SL, Foroughishafiei A, Saha A, Hakim A, Nouri A, Lastrella AL, Castro-Martínez A, Plascencia A, Kapadia BK, Xia B, Ruiz CA, Marotz CA, Maunder D, Lawrence ES, Smoot EW, Eisner E, Crescini ES, Kohn L, Franco Vargas L, Chacón M, Betty M, Machnicki M, Wu MY, Baer NA, Belda-Ferre P, De Hoff P, Seaver P, Ostrander RT, Tsai R, Sathe S, Aigner S, Morgan SC, Ngo TT, Barber T, Cheung W, Carlin AF, Yeo GW, **Laurent LC**, Fielding-Miller R, Knight R. 2021. "Analysis of SARS-CoV-2 RNA Persistence across Indoor Surface Materials Reveals Best Practices for Environmental Monitoring Programs." *mSystems*, 6(6):e0113621. PMID: 34726486 PMCID: PMC8562474. *Supervision of development of data generation methods, supervision of data generation and analysis, editing of manuscript.*
- Keehner J, Horton LE, Binkin NJ, **Laurent LC**; SEARCH Alliance, Pride D, Longhurst CA, Abeles SR, Torriani FJ. "Resurgence of SARS-CoV-2 Infection in a Highly Vaccinated Health System Workforce." *N Engl J Med*, 2021 Sep 30;385(14):1330-1332. PMID: 34469645 PMCID: PMC8451183. *Supervision of development of data generation methods, supervision of data generation and analysis, editing of manuscript.*
- Fielding-Miller R, Karthikeyan S, Gaines T, Garfein RS, Salido R, Cantu V, Kohn L, Martin NK, Wijaya C, Flores M, Omaleki V, Majnoonian A, Gonzalez-Zuniga P, Nguyen M, Vo AV, Le T, Duong D, Hassani A, Dahl A, Tweeten S, Jepsen K, Henson B, Hakim A, Birmingham A, Mark AM, Nasamran CA, Rosenthal SB, Moshiri N, Fisch KM, Humphrey G, Farmer S, Tubb HM, Valles T, Morris J, Kang J, Khaleghi B, Young C, Akel AD, Eilert S, Eno J, Curewitz K, **Laurent LC**, Rosing T; SEARCH, Knight R. "Wastewater and surface monitoring to detect COVID-19 in elementary school settings: The Safer at School Early Alert project." *medRxiv*, 2021.10.19.21265226. PMID: 34704096 PMCID: PMC8547528. *Supervision of development of data generation methods, supervision of data generation and analysis, editing of manuscript.*
- Cantú VJ, Salido RA, Huang S, Rahman G, Tsai R, Valentine H, Magallanes CG, Aigner S, Baer NA, Barber T, Belda-Ferre P, Betty M, Bryant M, Maya MC, Castro-Martínez A, Chacón M, Cheung W, Crescini ES, Hoff P, Eisner E, Farmer S, Hakim A, Kohn L, Lastrella AL, Lawrence ES, Morgan SC, Ngo TT, Nouri A, Ostrander RT, Plascencia A, Ruiz CA, Sathe S, Seaver P, Schwartz T, Smoot EW, Valles T, Yeo GW, **Laurent LC**, Fielding-Miller R, Knight R. "SARS-CoV-2 Distribution in Residential Housing Suggests Contact Deposition and Correlates with *Rothia* sp." *medRxiv*, 2021.12.06.21267101. PMID: 34909793 PMCID: PMC8669860. *Supervision of sample collection, supervision of data generation, editing of manuscript.*

- Demmer RT, Ulrich AK, Wiggen TD, Strickland A, Naumchik BM, Kulasingam S, Stovitz SD, Marotz C, Belda-Ferre P, Humphrey G, De Hoff P, **Laurent LC**, Kline S, Knight R. “Severe acute respiratory coronavirus virus 2 (SARS-CoV-2) screening among symptom-free healthcare workers.” *Infect Control Hosp Epidemiol*, 12:1-4. PMID: 33706827 PMCID: PMC8185420. *Supervision of data generation, editing of manuscript.*
- Pantham P, Soncin F, Zhang-Rutledge K, Srinivasan S, Lamale-Smith L, **Laurent L**, Parast M. (2021) Pathology of the Human Placenta. *Innovations in Placental Pathology*. Springer-Verlag Berlin Heidelberg (in press)

Abstracts

- Stadnick NA, Cain K, Oswald W, Watson P, Castelo M, Logoc R, Ayers L, Salgin L, Broyles S, **Laurent LC**, Rabin B. 2021. Using Meaningful Community Engagement Methods to Advance COVID-19 Testing and Vaccine Uptake in Underserved Communities. Poster. Colorado Pragmatic Research in Health. Virtual meeting. *Supervision of study subject enrollment, editing of abstract.*
- Cohen A, Rabin B, Ayers L, Salgin L, Laurent C, Laurent E, Cain K, Burola ML, Engler A-M, Gay L, Osuna A, Svoboda A, **Laurent LC**, Stadnick NA. 2021 Virtual Dissemination Strategies to Raise Awareness of a Community-driven COVID-19 Testing Program. Poster. Colorado Pragmatic Research in Health. Virtual meeting. *Supervision of study subject enrollment, editing of abstract.*
- Stadnick NA, Cain KL, Oswald W, Watson P, Castelo M, Logoc R, Ayers L, Salgin L, Broyles S, **Laurent LC**, Pezzoli K, Rabin B. 2021. Meaningful community engagement through a co-created theory of change process to promote COVID-19 testing and vaccine equity. Oral presentation. Annual UK Implementation Science Research Conference. Virtual meeting. *Supervision of study subject enrollment, editing of abstract.*
- Zhang-Rutledge K[†], Tran V, Magallanes C, Roeder H, Pantham P, Srinivasan S, Barshop BA, Gertsman I, **Laurent LC**. Metabolomic markers for preeclampsia prediction. *American Journal of Obstetrics and Gynecology 2021 Feb: 224 (2) Supplement S162*. Society for Maternal Fetal Medicine Meeting 2021 Jan (Virtual conference)
- Zhang-Rutledge K[†], Tran V, Magallanes C, Roeder H, Pantham P, Srinivasan S, **Laurent LC**. Metabolomic biomarkers of chronic hypertension in pregnancy. *American Journal of Obstetrics and Gynecology 2021 Feb: 224 (2) Supplement S175-S176*. Society for Maternal Fetal Medicine Meeting 2021 Jan (Virtual conference)
- Pantham P[†], Srinivasan S, DeHoff P, Vuppula A, Morey A, Parast M, Wildman DE, **Laurent LC**. Optimization of Extracellular Small RNA Isolation Methods for Transcriptomic Profiling of Urinary Extracellular Vesicles in Pregnancy. *Placenta 2021 Sep: 112 E31-E32*. Poster presentation, International Federation of Placenta Associations Meeting 2021 Sep (Virtual conference)

Invited Presentations

- Laurent, LC. 2021. “Key Considerations Relating to exRNA Isolation for Biomarker Discovery.” Annual Meeting of the Endocrine Society. Virtual meeting. 90. Laurent, LC. 2021. “Discovery of Extracellular RNA Biomarkers for Prediction of Preeclampsia.” Annual Meeting of the Society for Reproductive Investigation. Boston, MA

LEWIS, Amanda

Peer-Reviewed Research Publications

- ilbert NM, Choi B, Du J, Collins C, **Lewis AL**, Putonti C, Wolfe AJ. A mouse model displays host and bacterial strain differences in *Aerococcus urinae* urinary tract infection. **Biol Open.** 2021 Aug 15;10(8). doi: 10.1242/bio.058931. Epub 2021 Aug 13. PubMed PMID: 34387311; PubMed Central PMCID: PMC8380466.
- Tortelli BA, **Lewis AL**, Fay JC. The structure and diversity of strain-level variation in vaginal bacteria. **Microb Genom.** 2021 Mar;7(3). doi: 10.1099/mgen.0.000543. Epub 2021 Mar 3. PubMed PMID: 33656436; PubMed Central PMCID: PMC8190618.
- bioRxiv 2020.06.26.173922; doi: <https://doi.org/10.1101/2020.06.26.173922>
- O'Brien VP, **Lewis AL**, Gilbert NM. Bladder Exposure to *Gardnerella* Activates Host Pathways Necessary for *Escherichia coli* Recurrent UTI. **Front Cell Infect Microbiol.** 2021;11:788229. doi: 10.3389/fcimb.2021.788229. eCollection 2021. PubMed PMID: 34938672; PubMed Central PMCID: PMC8685330.

Review Articles and Book Chapters (Peer-reviewed)

- Agarwal K, Lewis AL. 2021 Vaginal sialoglycan foraging by *Gardnerella vaginalis*: Mucus barriers as a meal for unwelcome guests? Glycobiology. 2021 Jun 29;31(6):667-680. doi: 10.1093/glycob/cwab024. Review. PubMed PMID: 33825850; PubMed Central PMCID: PMC8252861.

Abstracts

- **Invited Speaker:** San Diego Glycobiology Symposium, “Mucus Barriers as a Meal for Unwelcome Guests” April, 2021

Honors and Awards

- **2021: Session Chair:** Glycobiology Special Interest Group, Experimental Biology Annual Meeting
- **2021: Ad Hoc Reviewer, NIH Scientific review group** ZRG1 IDIA-W (80) S, Topics in Bacteriology
- **2021: Ad Hoc Reviewer,** NIH Scientific Review Group ZRG1 IDM-R (02) Clinical Research and Field Studies of Infectious Diseases (CRFS)
- **Keystone Symposia Scholarship**

Keystone Symposium: Global Priorities in Vaginal Health: Microbes, Mucosal Immunity, and Interventions
Recipients: Kavita Agarwal, Ph.D. and Sydney Morrill (graduate student)

- **Best Poster Presentation**

The Society for Glycobiology Annual Meeting, 2021
Recipient: Sudeshna Saha, Ph.D.

MOORE, Thomas

Invited Presentations

- Invited Speaker, UCSD Health Leadership Academy: Strategy, Culture, and Change. March 27, 2021. San Diego, CA (virtual). Leading Up: Getting Your Boss on Board

RAMOS, Gladys

Peer-Reviewed Research Publications

- Swor EC, Armijo GN, **Ramos GA**, Richards MK, LaCoursiere DY. Incidence of Abnormal Glucose Values After Delivery in Women With Gestational Diabetes Mellitus. Obstet Gynecol. 2021 Apr 1;137(4):670-672. doi: 10.1097/AOG.0000000000004310. PMID: 33706347.
- Melber DJ, Berman ZT, Jacobs MB, Picel AC, Conturie CL, Zhang-Rutledge K, Binder PS, Eskander RN, Roberts AC, McHale MT, **Ramos GA**, Ballas J, Kelly TF. Placenta Accreta Spectrum Treatment With Intraoperative Multivessel Embolization: the PASTIME protocol. Am J Obstet Gynecol. 2021 Oct;225(4):442.e1-442.e10. doi: 10.1016/j.ajog.2021.07.001. Epub 2021 Jul 7. PMID: 34245679.

- Fratto VM, Conturie CL, Ballas J, Pettit KE, Stephenson ML, Truong YN, Henry D, Afshar Y, Murphy A, Kim L, Field N, Wing DA, Norton ME, **Ramos GA**; University of California fetal Consortium. Assessing the multidisciplinary team approaches to placenta accreta spectrum across five institutions within the University of California fetal Consortium (UCfC). J Matern Fetal Neonatal Med. 2021 Sep;34(18):2971-2976. doi: 10.1080/14767058.2019.1676411. Epub 2019 Oct 24. PMID: 31645153.
- Delker E, Bandoli G, LaCoursiere Y, Ferran K, Gallo L, Oren E, Gahagan S, **Ramos SG**, Allison M. Chronic hypertension and risk of preterm delivery: National Longitudinal Study of Adolescents to Adult Health. Paediatric and Perinatal Epidemiology. Accepted, 2021.

Abstracts

- Melber D, Berman A, Jacobs M, Picel A, Conturie CL, Zhang-Rutledge K, Parast M, Binder P, Eskander R, Roberts A, McHale M, **Ramos GA**, Ballas J, Kelly T. Placenta accreta spectrum treatment with intraoperative multivessel embolization to improve surgical outcomes: The PASTIME Protocol. Society of Maternal Fetal Medicine 41st Annual Pregnancy Meeting, 2021 Virtual. Am J Obstet Gynecol 2021: 224; S214-5.
- Tarsa, M, **Ramos G**, Jacobs Marni, Ghebrendrias S. Oral presentation. Top Plenary Award. Race and Payer Status as Indicators if the First Cesarean Section: An Institutional Analysis. Society for Academic Specialists in Obstetrics and Gynecology, April 2021.

Invited Presentations

- Melber D, Berman Z, Jacobs M, Conturie C, Zhang-Rutledge K, Parast M, Binder P, Eskander R, Roberts A, McHale M, Kelly T, **Ramos G**, Ballas J. Placenta Accreta Spectrum Treatment with Intraoperative Multivessel Embolization to improve surgical outcomes: The PASTIME Protocol. *Society for Maternal-Fetal Medicine's (SMFM) 41st Annual Pregnancy Meeting*. January 25-30, 2021: Las Vegas, NV (virtual).
- Medical Education for Diverse Students (MEDS), Keynote Speaker. February 2021

TARSA, Maryam

Abstracts

- **Tarsa, M**, Ramos G, Jacobs Marni, Ghebrendrias S. Oral presentation. Top Plenary Award. Race and Payer Status as Indicators if the First Cesarean Section: An Institutional Analysis. Society for Academic Specialists in Obstetrics and Gynecology, April 2021.

Invited Presentations

- **Tarsa, M**, Ramos G, Jacobs Marni, Ghebrendrias S. Oral presentation. Top Plenary Award. Race and Payer Status as Indicators if the First Cesarean Section: An Institutional Analysis. Society for Academic Specialists in Obstetrics and Gynecology, April 2021.
- **Maryam Tarsa**, M.D., California Pharmacists Association. Pharmacologic Interventions for Healthily Pregnancies – a continuing pharmacy +medical education program. Webinar. October 2021 ROLE: Presenter.

WOELKERS, Douglas

Review Articles and Book Chapters (Peer-reviewed)

- Khosla K, Espinoza J, Perlaza L, Gencay M, Mueller A, Harris J, Wolf C, Posnett J, **Woelkers D**, Rana S. Cost effectiveness of the sFlt1/PIGF ratio test as an adjunct to the current practice of evaluating suspected preeclampsia in the United States. Value in Health. October 2021

REPRODUCTIVE ENDOCRINOLOGY AND INFERTILITY

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Bohaczuk, S. C., **Thackray V. G.**, Shen, J., Skowronska-Krawczyk, D., **Mellon, P. L.** (2021). *FSHB* Transcription is Regulated by a Novel 5' Distal Enhancer with a Fertility-Associated Single Nucleotide Polymorphism. *Endocrinology* 162(1), 1-12. PMID: 33009549, PMC7846141.
- Ryan, G. E., Bohaczuk, S. C., Cassin, J., Witham, E. A., Shojaei, S., Ho, E. V., **Thackray, V. G.**, **Mellon, P. L.** (2021). Androgen Receptor Positively Regulates Gonadotropin-releasing Hormone Receptor in Pituitary Gonadotropes. *Molecular and Cellular Endocrinology* 530(6), 111286. PMID: 33872733. PMC8177864
- Bohaczuk, S. C., Cassin, J., Slaiwa, T. I., **Thackray, V. G.**, **Mellon, P. L.** (2021). Distal Enhancer Potentiates Activin- and GnRH-Induced Transcription of *FSHB*. *Endocrinology* 162(7), 1-15. PMID: 33824966. PMC8157479.

AGARWAL, Sanjay

Peer-Reviewed Research Publications

- Missmer SA, Tu FF, **Agarwal SK**, Chapron C, Soliman AM, Chiuve S, Eichner S, Flores-Caldera I, Horne AW, Kimball AB, Laufer MR, Leyland N, Singh SS, Taylor HS, As-Sanie S. Impact of Endometriosis on Life-Course Potential: A Narrative Review. *Int J Gen Med.* 2021;14:9-25. DOI: 10.2147/IJGM.S261139.
- **Agarwal SK**, Antunez-Flores O, Foster WG, Hermes A, Golshan S, Soliman AM, Arnold A, Luna R. Real- World Characteristics of Women with Endometriosis-related Pain Entering a Multidisciplinary Endometriosis Program. *BMC Womens Health* 2021 Jan 7;21(1):19. DOI: 10.1186/s12905-020-01139-7.
- **Agarwal SK**, Singh SS, Archer DF, Mai Y, Chwalisz K, Gordon K, Surrey E. Endometriosis-related pain reduction during bleeding and nonbleeding days in women treated with elagolix. *J Pain Res.* 2021;14:263-271. <https://doi.org/10.2147/JPR.S284703>.
- Leonova A, Turpin VE, **Agarwal SK**, Leonardi M, Foster WG. A Critical Appraisal of the Circulating Levels of differentially expressed microRNA in Endometriosis. *Biol Reprod* 2021 Nov 15;105(5):1075-1085. doi: 10.1093/biolre/ioab134.

- Wessels JM, Dominguez MA, Leyland NA, **Agarwal SK** and Foster WG. Endometrial Microbiota is more diverse in women with endometriosis than symptomatic controls. Sci Rep. 2021 2021 Sep 23;11(1):18877. doi: 10.1038/s41598-021-98380-3
- Mori C, Wessels JM, Haikalis M, Tsoulis M, **Agarwal SK**, Foster WG. Endometrial microbiome in women with adenomyosis, endometriosis, and healthy controls: A pilot study. (submitted)

Review Articles and Book Chapters (Peer-reviewed)

- Anglin HP, Foster WG, Agarwal SK. GnRH agonists and antagonists for the treatment of endometriosis and adenomyosis. In Press.

Abstracts

- Surrey E, Zolekar A, Xu Y, Soliman AM, Pan I, **Agarwal SK**. ePoster presentation. Real-World Effectiveness of Elagolix in Reducing Endometriosis-Associated Pain: Interim Results from LOTUS Study. At the 2021 annual meeting of the American College of Obstetricians and Gynecologists. May 2021. Presenting author.
- Xu Y, **Agarwal SK**, Johns BA, Gordon K, Pan I, Estes SJ, Surrey E. Poster presentation. Real world Effectiveness of Elagolix in Improving Endometriosis Quality of Life: 3-month and 6-month interim results from the elagolix longitudinal outcomes (LOTUS) prospective study. At the 2021 annual meeting of the American Society for Reproductive Medicine. October 2021.
- **Agarwal SK**, Xu Y, Zolekar A, Cross S, Pan I, As-Sanie S, Surrey E. Oral presentation. Real-World Effectiveness of Elagolix in Reducing Endometriosis Pain: 6-Month Results from Elagolix Longitudinal Outcomes (LOTUS) Study. At the 50th annual meeting of the American Association of Gynecologic Laparoscopists, Austin, TX, November 2021. Presenting author.

Invited Presentations

- “Practical workup and management of infertility” Clinical Rounds at One Medical, San Diego, CA 6/9/2021
- “Endometriosis” Clinical Rounds at One Medical, San Diego, CA 6/30/2021

Honors and Awards

- Listed in “Best Doctors in America” by Best Doctors, Inc, Boston, MA. 2005-2021.

- Listed in America's Top Doctors in the nation by Castle Connolly, New York, NY. 2009-2021.
- The most cited paper from AJOG in 2021 not pertaining to pregnancy or COVID19

BREEN, Kellie

Peer-Reviewed Research Publications

- Kreisman MJ, Tadrousse KS, McCosh RB, **Breen KM**. Neuroendocrine Basis for Disrupted Ovarian Cyclicity in Female Mice During Chronic Undernutrition. *Endocrinology*. 2021 1;162(8):bqab103. PMID: 34037744; PMCID: PMC8272537.

Invited Presentations

- PanAmerican Neuroendocrine Society Seminar Series, "*Neural circuits controlling reproduction: implications for stress-activated pathways*," March 2021

Conference Presentations

- McCosh RB, Kreisman MJ, Tian K, Thomas SA, **Breen KM**. Activation of the A2 Population of Norepinephrine Neurons Suppresses LH Pulses and Increases Corticosterone Secretion in Female Mice. Kisspeptin Virtual Meeting, 2021.
- Tadrousse KT, McCosh RB, Kreisman MJ, **Breen KM**. Neuroendocrine Basis for Disrupted Ovarian Cyclicity in Females During Chronic Undernutrition: A Mouse Model. Program of the 103rd Annual Meeting of the Endocrine Society, Virtual due to COVID, 2021.
- McCosh RB, Kreisman MJ, Tian K, Thomas SA, **Breen KM**. Activation of Norepinephrine Neurons in the NTS (A2 population) is Sufficient to Suppress Pulsatile LH Secretion in Female Mice. Program of the 103rd Annual Meeting of the Endocrine Society, Virtual due to COVID, 2021.
- Kreisman MJ, McCosh RB, **Breen KM**. Role of CORT Duration and Estradiol Dependence for Stress-level of CORT to Inhibit Pulsatile LH Secretion in Female Mice. Program of the 103rd Annual Meeting of the Endocrine Society, Virtual due to COVID, 2021.

Honors and Awards

- 2021 NIH/NICHD R01 Award (R01 HD103725)
- 2021 NIH/NICHD R21 Award (R21 HD105103)
- 2021 NIH/NIDDK Pilot and Feasibility Funding (P30 DK063491)

DULEBA, Antoni

Peer-Reviewed Research Publications

- Gnaszak-Kaus N, Duleba AJ, Mrozikiewicz A, Kurzawinska G, Rozycka A, Hauke J, Gaca M, Pawelczyk L, Jagodzinski PP, Jedrzejczak P. Relationship of postoperative pain and PONV after minimally invasive surgery with the serotonin concentration and receptors' gene polymorphisms. J Pers Med 2021. 11:833 PMID: 34575611
- Secchi C, Belli M, Harrison NH, Swift J, Ko CM, Duleba AJ, Stupack D, Chang RJ, Shimasaki S. Effect of the special-temporal specific theca cell Cyp17 overexpression on the reproductive phenotype of the novel TC17 mouse. J Transl Med 2021.19:428 PMID: 34654452
- Chudzicka-Strugała I, Kubiak A, Banaszewska B, Zwozdziak B, Siakowska M, Pawelczyk L, Duleba AJ. Effects of synbiotic supplementation and lifestyle modifications on women with polycystic ovary syndrome. J Clin Endocrinol Metab 2021. 106:2566-2573 PMID: 34050763
- Fox, W, Zhang L, Moeller BC, Garzo VG, Chang RJ, Duleba AJ. Ibuprofen inhibits key genes involved in androgen production in theca-interstitial cells. Fertil Steril Sci. 2021., 2:2666-2335. PMID: 35199048

HARRISON, Tracy

Peer-Reviewed Research Publications

- Secchi C, Belli M, **Harrison T**, Swift J, Ko C, Duleba AJ, Stupack D, Chang RJ, Shimasaki S. Effect of the spatial-temporal specific theca cell Cyp17 overexpression on the reproductive phenotype of the novel TC17 mouse. J Transl Med. 2021 Oct 15;19(1):428. doi: 10.1186/s12967-021-03103-x. PMID: 34654452. PMC8520195.

Abstracts

- **Harrison T**, Chang RJ. "Reduced ovarian response to follicle stimulating hormone in women with polycystic ovary syndrome (PCOS) compared to ovulatory controls." American Society for Reproductive Medicine 2021 Scientific Congress. Baltimore, MD (October 2021).

- **Harrison T**, Chang RJ. “Ovarian Follicle Dose-Responsiveness to Follicle Stimulating Hormone Administration in Polycystic Ovary Syndrome.” UCSD Clinical Research Symposium. San Diego, CA (March 2021).

Honors and Awards

- 2021 Fertility and Sterility Journal Star Reviewer Award
- 2021 UCSD Clinical Research Symposium 1st Place Award for Best Poster Presentation

KAUFFMAN, Sasha

Peer-Reviewed Research Publications

- MA Mohr, LA Esparza, P Steffen, PE Micevych, and **AS Kauffman**. Progesterone receptors in AVPV kisspeptin neurons are sufficient for positive feedback induction of the LH surge. *Endocrinology*, 162 (11) 1-8. bqab161. **2021**. [PMCID: PMC8423423]
- Stephens SBZ and **AS Kauffman**. Estrogen regulation of the molecular phenotype and active transcriptome of AVPV kisspeptin neurons. *Endocrinology*, 162 (9): bqab080. **2021**. [PMCID: PMC8286094]

Invited Presentations

- University of Colorado Boulder, Integrative Physiology Research Colloquium, December 2021
“Your brain on steroids: hormone effects on reproductive neural circuits”
- UCSD Department of OBGYN and Reproductive Sciences, Annual Research Symposium, Sept. 2021
“Androgen inhibition of reproductive hormones: lessons from mice”

Honors and Awards

- The Richard E. Weitzman Outstanding Early Career Laureate Award, The Endocrine Society (2021)

LAWSON, Mark

Peer-Reviewed Research Publications

- Byrd, C. and R. S. Mason. (2021) “Academic Pipeline Programs: Diversifying Pathways from the Bachelor's to the Professoriate.” (Contributor) Lever Press, Amherst. <https://doi.org/10.3998/mpub.12216775>.
- Molinar-Inglis, O., C. A. Birch, D. A. Nicholas, L. Orduña-Castillo, M. Cisneros-Aguirre, A. Patwardhan, B. Chen, N. J. Grimsey, L.J. Coronel, H. Lin, P. K. Gomez Menzies, **M.A. Lawson**, H. H. Patel, and JoAnn Trejo. “aPC/PAR1 confers endothelial anti-apoptotic activity via a discrete, β -arrestin-2–mediated SphK1-S1PR1-Akt signaling axis.” (2021). Proc. Natl. Acad. Sci. USA. 188, 49 (e2106623118) <https://doi.org/10.1073/pnas.2106623>.
<https://doi.org/10.1073/pnas.2106623118>

Invited Presentations

- “Metabolic Sensing in the Pituitary Gonadotrope.” Symposium Session S27 “The Brain, the Pituitary, and Beyond,” ENDO 2021, March 20-23
- “NMRI Leadership for Tomorrow: My Path and Perspective” Network of Minority Health Research Investigators 19th Annual Workshop, April 28-30, 2021

MELLON, Pamela L.

Peer-Reviewed Research Publications

- Bohaczuk, S. C., Thackray V. G., Shen, J., Skowronska-Krawczyk, D., **Mellon, P. L.** (2021). *FSHB* Transcription is Regulated by a Novel 5' Distal Enhancer with a Fertility-Associated Single Nucleotide Polymorphism. *Endocrinology* 162(1), 1-12. PMID: 33009549, PMC7846141.
- Schoeller E. L.,* Tonsfeldt, K. J.,* Sinkovich, M., Shi, R., **Mellon, P. L.** (2021). Growth Hormone Pulses and Liver Gene Expression are Differentially Regulated by the Circadian Clock Gene *Bmal1*. *Endocrinology* 162(4), 1-16. PMID: 33539533. PMC7901660. *equivalent contributions
- Ryan, G. E., Bohaczuk, S. C., Cassin, J., Witham, E. A., Shojaei, S., Ho, E. V., Thackray, V. G., **Mellon, P. L.** (2021). Androgen Receptor Positively Regulates Gonadotropin-releasing Hormone Receptor in Pituitary Gonadotropes. *Molecular and Cellular Endocrinology* 530(6), 111286. PMID: 33872733. PMC8177864
- Bohaczuk, S. C., Cassin, J., Slaiwa, T. I., Thackray, V. G., **Mellon, P. L.** (2021). Distal Enhancer Potentiates Activin- and GnRH-Induced Transcription of *FSHB*. *Endocrinology* 162(7), 1-15. PMID: 33824966. PMC8157479.
- Lavalley, S. N., Chou, T., Hernandez, J., Naing, N. C. P., Tonsfeldt, K. J., Hoffmann, H. M., **Mellon, P. L.** (2021). *Kiss1* is Differentially Regulated in Male and Female Mice by the Homeodomain Transcription Factor VAX1. *Molecular Cellular Endocrinology* 534(8), 111358. PMID: 34098016. PMC8319105.

- Hoffmann, H. M., Meadows, J. D., Breuer, J. A., Yaw, A. M., Nguyen, D., Tonsfeldt, K. J., Chin, A. Y., Devries, B. M., Trang, C., Oosterhouse, H. J. Lee, J. S., Doser, J. W., Gorman, M. R., Welsh, D. K., **Mellon, P. L.** (2021). The Transcription Factors SIX3 and VAX1 are Required for Suprachiasmatic Nucleus Circadian Output and Fertility in Female Mice. *Journal of Neuroscience Research* 99(10), 2625-2645. PMID: 34212416. PMC8577618.
- Ho, E. V., Shi, C., Cassin, J., He, M. Y., Nguyen, R. D., Ryan, G. E., Tonsfeldt, K. J., **Mellon, P. L.** (2021). Reproductive Deficits Induced by Prenatal Anti-Mullerian Hormone Exposure Require Androgen Receptor in Kisspeptin Cells. *Endocrinology* 162(12), 1-23. PMID: 34529765. PMC8507963.

Abstracts

- **Mellon, P.L.**, Hoffmann, H.M. (2021). The Transcription Factor Ventral Anterior Homeobox 1 Regulates Circadian Time Keeping through Regulation of the Clock Genes Bmal1 and Per2 in VIP Neurons of the Suprachiasmatic Nucleus. The Endocrine Society, 103rd Annual Meeting.
- Chou, T., Lavalley, S.N., Hernandez, J., Naing, N.C.P., Tonsfeldt, K.J., and **Mellon, P.L.** (2021). The Expression of the Homeodomain Transcription Factor Six3 Within Kisspeptin Neurons Is Necessary for Female Fecundity in Mice. Kisspeptin+ 2021 meeting.
- Cassin, J., Stamou, M.I., Keefe, K.W., Sung, K.E., Chin, A.Y., Balasubramanian, R., Seminara, S.B., **Mellon, P.L.** (2021). Functional Validation of SOX2 Variants Contributing to Isolated GnRH Deficiency. Advancing Human Genetics and Genomics, American Society of Human Genetics Annual Meeting.

Honors and Awards

- Department of Obstetrics, Gynecology, and Reproductive Sciences, UC San Diego, new annual award for mentoring named as the Pamela L. Mellon Mentoring Award (2021)

SHIMASAKI, SHUNICHI

Peer-Reviewed Research Publications

- C Secchi, P Benaglio, F Mulas, M Belli, D Stupack, **S Shimasaki**. FOXO1 Mitigation of FOXL2C143W/SMAD3 Transcriptomic Landscape in a Model of Granulosa Cell Tumor Journal of the Endocrine Society doi: 10.1186/s12967-021-02754-0. PMID: 33639972.

- Secchi C, Belli M, Harrison NH, Swift J, Ko CM, Duleba AJ, Stupack D, Chang RJ, **Shimasaki S**. Effect of the special-temporal specific theca cell Cyp17 overexpression on the reproductive phenotype of the novel TC17 mouse. *J Transl Med* 2021.19:428 PMID: 34654452.

SU, Irene

Peer-Reviewed Research Publications

- Kim, J, Whitcomb BW, Kwan B, Zava D, Sluss PM, Dietz AC, Shliakhsitsava K, Romero SAD, Natarajan L, **Su HI**. "Psychosocial stress and ovarian function in adolescent and young adult cancer survivors." *Human Reproduction* (2021); 36(2): 405-414. Doi: 10.1093/humrep/deaa313. PMID: 33279981 PMCID: PMC7829546.
- Salama M, Laronda MM, Laura ER, Goldman K, Smith K Pavone M, Duncan FE, Brannigan R, Ataman-Millhouse L, Patrizio P, Rodriguez-Wallberg KA, Okutsu-Horage Y, Suzuki N, Lambertini M, Stern CK, Gomez-Lobo V, Maher JY, Hsieh MH, Moravek MB, Anazodo A, Westphal LM, Anderson RA, Wallace WH, Mitchell RT, Nahata L, Whiteside S, Senapati S, Shah DK, Gracia C, Fino ME, Blakemore JK, Quinn GP, Krussel JS, Baston-Bust DM, Liebenthron J, Andersen CY, Kristensen SG, Mamsen LS, Jayasinghe Y, **Su HI**, Dolmans MM, Amorim CA, Demeestere I, De Vos M, Van Moer E, Isachenko V, Isachenko E, Mallmann P, Rahimi G, Valli-Pulaski H, Steimer SR, McMahon KV, Orwig KE, Sroga J, Smith JF, Mok-Lin E, Woodruff TK. "Installing oncofertility programs for common cancers in optimum resource settings (Repro-Can-OPEN Study Part II): a committee opinion." *Journal of Assisted Reproductive Technology and Genetics* (2021); 38(1); 163-176. PMID 33452592. PMCID PMC7810602.
- Medica, ACO, Whitcomb BW, Shliakhsitsava K, Dietz AC, Pinson K, Lam CL, Romero SAD, Sluss P, Sammel MD, **Su HI**. Beyond premature ovarian insufficiency: Staging reproductive aging in adolescent and young adult cancer survivors." *Journal of Clinical Endocrinology and Metabolism* 2021 Jan 23; 106(2): e1002-e1013. doi: 10.1210/clinem/dgaa797. PMC7823232; PMID 33141175.
- Dornisch A, Yang EH, Gruspe J, Roesch ER, Aristizabal P, Aarons GA, Helsten T, Takemoto M, Romero SAD, Kaiser BN, **Su HI**. "Theory-guided development of fertility care implementation strategies for adolescent and young adult cancer survivors." *J Adolesc Young Adult Oncol* (2021), doi: 10.1089/jayao.2020.0156. PMID: 33470879.
- Woodruff TK, Ataman-Millhouse L, Acharya KS, Almeida-Santos T, Anazodo A, Anderson RA, Appiah L, Bader J, Beckett K, Brannigan RE, Breech L, Bourlon MT, Bumbuliene Z, Burns K, Campo-Engelstein L Campos JR, Centola GM, Chehin MB, Chen D, De Vos M, Duncan FE, El-Damen A, Fair D, Famuyiwa Y, Fechner PY, Fontoura P, Frias O, Gerkowicz SA, Ginsberg J, Gracia CR, Goldman K, Gomez-Lobo V, Hazelrigg B, Hsieh MH,

Hoyos LR, Hoyos-Martinez A, Jach R, Jassem J, Javed M, Jayasinghe Y, Jeelani R, Jeruss JS, Kaul-Mahajan N, Keim-Malpass J, Ketterl TG, Khrouf M, Kimelman D, Kusuvara A, Kutteh WH, Laronda MM, Lee JR, Lehmann V, Letourneau JM, McGinnis LK, McMahon E, Meacham LR, Mijangos MFV, Moravek M, Nahata L, Ogwen GM, Orwig KE, Pavone ME, Peccatori FA, Pesce RI, Pulaski H, Quinn G, Rios R, Rhoton-Vlasak AS, Rodriguez-Wallberg KA, Roeca C, Rotz SJ, Rowell E, Salama M, Saraf AJ, Scarella A, Schafer-Kalkhoff T, Schmidt D, Senapati S, Shah De, Shikanov A, Shnorhavorian M, Skiles JL, Smith JF, Smith K, Sobral F, Stimpert K, **Su HI**, Sugimoto K, Suzuki N, Thakur M, Victorson D, Viale L, Vitek W, Wallace WH, Wartella EA, Westphal LM, Whiteside S, Wilcox LH, Wyns C, Xiao S, Xu J, Zelinski M. "A View from the past into our collective future: the oncofertility consortium vision statement." *Journal of Assisted Reproduction and Genetics*. 2021 Jan; 38(1): 3-15. PMID 33405006. PMCID PMC7786868.

- Flores Ortega RE, Yoeun SW, Mesina O, Kaiser BN, McMenamin SB, **Su HI**. "Assessment of Health Insurance Benefit Mandates for Fertility Preservation Among 11 US States." *JAMA Health Forum* 2021;2(12):e214309.
- Zhou B, Joudeh A, Desai MJ, Kwan B, Nalawade V, Whitcomb BW, **Su HI**. "Trends in Infertility Care Among Commercially Insured US Women During the COVID-19 Pandemic." *JAMA Network Open* 2021; 2021 Oct 1;4(10): e2128520. PMC8495534 DOI: 10.1001/jamanetworkopen.2021.28520.
- Din HN, Strong D, Singh-Carlson S, Corliss HL, Hartman SJ, Madanat H, **Su HI**. "Association between pregnancy intention and preconception health behaviors." *Cancer* 2021, online ahead of print. PMID 34634132.

Abstracts

- Zhou B, Desai M, **Su HI**. "Ripe for the Taking - Leveraging Big Data to Estimate Ovarian Reserve." Oral presentation, American Society of Reproductive Medicine, 2021.
- Nerb L, Yang E, Dornisch A, Zhou B, Romero S, **Su HI**. "Development, User-Centered Design, and Implementation Mapping of CRISP, an Online Cancer-Related Infertility Risk Tool for Female Cancer Survivors." Poster presentation, American Society of Reproductive Medicine, 2021
- Stadnick NA, Viglione C, Crable EL, Montoya J, Linke S, Gholami M, **Su I**, Rabin, B. "Advancing review criteria for dissemination and implementation science grant proposals." Oral presentation, Annual Conference on the Science of Dissemination and Implementation in Health, 2021.
- McMenamin SB, Flores Ortega RE, Yoeun SW, Mesina O, Kaiser BN, **Su HI**. "Designing and implementing state-level fertility preservation health insurance benefit mandates." Oral presentation, Annual Conference on the Science of Dissemination and Implementation in Health, 2021

Invited Presentations

- March, 202: Rady Children's Hospital Hematology Oncology Division, "Meeting the Oncofertility Needs of Adolescent and Young Adult Cancer Survivors"
- May 2021: UC San Diego Division of Radiation Oncology, "Radiation Therapy and Oncofertility Risks."
- May 2021: Young Survival Coalition Summit, "Pregnancy After Breast Cancer"
- June 2021: Fred Hutchinson Cancer Research Center Seminar, "Advancing Oncofertility Research in Pediatric, Adolescent and Young Adult Cancer Survivors."
- October 2021: Delivering Discoveries: Updates in Cancer Care, "Reproductive considerations in Breast Cancer Survivorship"

THACKRAY, Varykina

Peer-Reviewed Research Publications

- Bohakzuk, S., **Thackray, V.G.**, Shen, J., Skowronska-Krawczyk, D. and Mellon, P.L. (2021) FSH β Transcription Is Regulated by a Novel 5' Distal Enhancer with a Fertility-Associated Single Nucleotide Polymorphism. *Endocrinology* 162(1):1-20.
- Sau, L., Olmstead, C.M., Cui, L.J., Chen, A., Shah, R., Kelley, S.T., **Thackray, V.G.** (2021) Alterations in Gut Microbiota Do Not Play a Causal Role in Diet-Independent Weight Gain Caused by Ovariectomy. *Journal of the Endocrine Society* 5(1):1-11. Bohakzuk, S., Cassin, J., Slaiwa, T., **Thackray, V.G.**, and Mellon, P.L. (2021) Distal Enhancer Potentiates Activin- and GnRH-Induced Transcription of FSH β . *Endocrinology* 162(7), 1-15.
- Ryan, G.E., Bohaczuk, S.C., Cassin, J., Witham, E.A., Shojaei, S., Ho, E.V., **Thackray, V.G.**, and Mellon, P.L. (2021) Androgen Receptor Positively Regulates Gonadotropin-releasing Hormone Receptor in Pituitary Gonadotropes. *Molecular and Cellular Endocrinology* 530:111286.
- Ho, B.S., Ryback, D., Benson, B., Mason, C.N., Torres, P.J., Quinn, R.A., **Thackray, V.G.**, and Kelley, S.T. (2021) Gut Metabolites are More Predictive of Disease- and Cohoused- States than Gut Bacterial Features in a Polycystic Ovary Syndrome-Like Mouse Model *MSystems*; 6(5)e0114920.

Review Articles and Book Chapters (Peer-reviewed)

- Rizk, M. and **Thackray, V.G.** (2021) Intersection of Polycystic Ovary Syndrome with the Gut Microbiome. *Journal of the Endocrine Society* 5(2):1-16.

Abstracts

- Bohaczuk, S.C., Cassin, J., Slaiwa, T.I., Shen, J., Skowronska-Krawczyk, D., **Thackray, V.G.** and Mellon P.L. (2021) *FSHB* Transcription is Regulated by a Novel, Activin-Responsive 5' Distal Enhancer containing a Fertility-Associated Single Nucleotide Polymorphism, *Transcriptional and Post-Transcriptional Gene Regulation in Reproductive Systems, National Centers for Translational Research in Reproduction and Infertility Research Meeting*, Bethesda, MD (oral presentation)
- Sisk-Hackworth, L., **Thackray, V.G.**, and Kelley, S.T. (2021). The Role of Puberty in the Maturation of the Gut Microbiome. *San Diego State University Student Research Symposium*, San Diego, CA
- Rizk, M.G., Cui, L., Sau, L., and **Thackray, V.G.** (2021) Alterations of Hepatic CYP Genes in a Mouse Model of Polycystic Ovary Syndrome. *Institutional Research and Academic Career Development Award Program Annual Virtual Meeting (NY and NJ)*
- Ford, K., Rizk, M.G. and **Thackray, V.G.** (2021) Role of the Liver Androgen Receptor in PCOS. *UCSD Summer Research Conference*, La Jolla, CA (oral presentation)
- Sisk-Hackworth, L., **Thackray, V.G.** and Kelley, S.T. (2021) The Role of Puberty in the Maturation of the Gut Microbiome. *84th Annual Meeting of the Southern California American Society for Microbiology*, La Jolla, CA (oral presentation)

Invited Presentations

- *Exploring the Connection of the Gut Microbiome with Polycystic Ovary Syndrome*, Department of Molecular and Integrative Physiology, University of Michigan, Ann Arbor, MI February 2021
- *Intersection of the Gut Microbiome and Polycystic Ovary Syndrome*, Department of Physiology and Pharmacology Molecular Medicine, University of Toledo, Toledo, OH October 2021

Honors and Awards

- 2021 Association for Women in Science San Diego Board Special Award

WILKINSON, Miles

Peer-Reviewed Research Publications

- Tan K, Kim ME, Song H-W, Skarbrevik D, Babajanian E, Bedrosian TA, Gage FH & **Wilkinson MF**. The *Rhox* gene cluster suppresses germline *LINE1* transposition. *Proc Natl Acad Sci USA* 118: e2024785118. doi: 10.1073/pnas.2024785118 (2021). PMID: 34083437.
- Tan K, Song H-W & **Wilkinson MF**. RHOX10 Drives Spermatogonial Stem Cell Establishment Through a Transcription Factor Signaling Cascade. *Cell Reports*, 36:109423 (2021). PMID: 34289349.
- Bhardwaj A, Sohni A, Lou C-H, De Gendt K, Zhang F, Kim E, Subbarayalu P, Chan W, Kerfhofs S, Claessens F, Kimmins S, Rao MK, Meistrich M & **Wilkinson MF**. Concordant Androgen-Regulated Expression of Divergent *Rhox5* Promoters in Sertoli Cells. *Endocrinology* (2021, in press) <https://doi.org/10.1210/endocr/bqab237>

Abstracts

- Sohni A, Brannan T, Tan K & **Wilkinson MF**, “The NMD Factor UPF3B Shapes RNA Metabolism During Mammalian Neural Development,” American Society of Human Genetics Annual Meeting (18-22 October 2021).

Invited Presentations

- 2021 “Nonsense-Mediated RNA Decay in Neural Development and Disease,” European Society of Human Genetics, Berlin, Germany (6-9 June)
- 2021 “The NMD Factor UPF3B Shapes RNA Metabolism During Mammalian Neural Development,” American Society of Human Genetics Annual Meeting (18-22 October)