

DEPARTMENT OF OBSTETRICS, GYNECOLOGY, AND REPRODUCTIVE SCIENCES
2022 DEPARTMENT CURRICULUM VITAE
Executive Summary

() is number of faculty in the division	Department Total (66 [1 hybrid])	Family Planning (4)	FPMRS (5)	General OG (15 [1 hybrid])	GynOnc (7)	Hospitalist (8 [1 hybrid])	MFM (16)	REI (12)
Peer-Reviewed Research Publications	186	21	31	2	27	2	78	25
Review Articles and Book Chapters	36	0	10	2	1	3	12	8
Abstracts	129	9	7	4	29	7	51	22
Invited Presentations	147	14	24	15	10	19	42	23
Honors and Awards	37	3	4	10	6	8	5	1

Scholarly work with multiple faculty members across divisions:

Peer-Reviewed Research Publications

- Sullender RT, **Jacobs M**, Bukowski K, Marengo A, **Mody SK**, **Averbach SH**. Impact of COVID-19 on abortion method under ten weeks gestational age in Southern California. *Contraception*. 2022 Jun;110:56-60. doi: 10.1016/j.contraception.2022.02.010. Epub 2022 Mar 6. PMID: 35263650; PMCID: PMC8898196.
- Rieger, Mary M. MD, MAS; Shah, Nemi M. MD; Ferrante, Kimberly L. MD, MAS; Tan-Kim, Jasmine MD, MAS; **Jacobs, Marni B. PhD; Brubaker, Linda MD, MS; Alperin, Marianna MD, MS**. Intraoperative Gentamicin Intravesical Instillation for Prevention of Urinary Tract Infection After Urogynecologic Surgery: A Randomized Controlled Trial. *Urogynecology (Hagerstown)*. 2022 Dec 1;28(12):825-833. PMID: 36409639.
- Reiger M, Shah N, Ferrante K, Tan-Kim J, **Jacobs M, Brubaker L, Alperin M**. Intraoperative Gentamicin Intravesical Instillation for Prevention of Urinary Tract Infection after Urogynecologic Surgery: A Randomized Controlled Trial. *Urogynecology*.

- **Gross E, Brubaker L.** Dyspareunia in Women. *JAMA*. 2022;327(18):1817–1818.
- Delker E, Bandoli G, **LaCoursiere Y**, Ferran K, Gallo L, Oren E, Gahagan S, **Ramos GA**, Allison M. Chronic hypertension and risk of preterm delivery: National Longitudinal Study of Adolescents to Adult Health. *Paediatric and Perinatal Epidemiology*. *Paediatr Perinat Epidemiol*. 2022 May;36(3):370-379. doi: 10.1111/ppe.12858. Epub 2022 Feb 2. PMID: 35107830.
- Tan K, **Stupack D & Wilkinson MF**. Nonsense-Mediated RNA Decay: A Modulator of Malignancy. *Nature Reviews Cancer* DOI: 10.1038/s41568-022-00481-2 (2022) PMID: 35624152.

Review Articles and Book Chapters (Peer-reviewed)

- **Linda Brubaker, MD (Chair)**; Joan Blomquist, MD; Olivia Cardenas-Trowers, MD; Colleen Fitzgerald, MD; **Yvette LaCoursiere, MD**; Christina Lewicky-Gaupp, MD; Jessica McKinney, PT, DScPT, MS; Melanie Meister, MD; Kate Meriwether, MD; Ingrid Nygaard, MD; Megan Schimpf, MD; and Elisa Trowbridge, MD. *Pelvic Floor Health: Your Guide to Pregnancy and Postpartum Care*.
- Tan K, **Stupack DG***, **Wilkinson MF**. Nonsense-mediated RNA decay: an emerging modulator of malignancy. *Nat Rev Cancer*. 2022 Aug;22(8):437-451. doi: 10.1038/s41568-022-00481-2. Epub 2022 May 27. PMID: 35624152. (Co)Corresponding Author

Abstracts

- Society of Family Planning Conference 2022: Poster Presentation: Schueller K, **Jacobs M, Averbach S**, Marengo A, **Mody S**. Understanding medication abortion ineligibility among a cohort of abortion clinic patients in Southern California.
- Marianne S. Hom-Tedla, Katherine Coakley, **Michael McHale, Cheryl Saenz, Steven Plaxe, Pratibha S. Binder**, Terry Harrison, **Marni B. Jacobs, Ramez N. Eskander**, 21 MLH1 promoter hypermethylation among mismatch repair deficient, high-intermediate risk, endometrial cancer patients is associated with differences in prognostic factors, *Gynecologic Oncology Reports*, Volume 44, Supplement 2, 2022, Pages S9-S10, ISSN 2352-5789, [https://doi.org/10.1016/S2352-5789\(22\)00233-8](https://doi.org/10.1016/S2352-5789(22)00233-8). (<https://www.sciencedirect.com/science/article/pii/S2352578922002338>)
- Delker E, Bandoli G, **LaCoursiere Y**, Ferran K, Gallo L, Oren E, Gahagan S, **Ramos GA**, Allison M. Associations between preconception glycaemia and preterm birth and the role of healthcare utilization. *SMFM Annual Meeting 2022*.

- Stepping Up: Creation of a Resident-Driven Program to Promote Leadership and Professional Growth. C Zachek, **R Eskander, DY LaCoursiere**. CREOG-APGO Annual Meeting, 2022.
- A Departmental Model for Anti-Racism Activities. S Ghebrendrias, **L Brubaker**, M Morales, **Y LaCoursiere**. SASGOG Annual Meeting, 2022.
- **A Sutton**, M Shankar, E Buckner, **A Meadows, Y LaCoursiere**. Increasing Medical Student Knowledge and Confidence in Applying the Reproductive Justice Framework. SASGOG Annual Meeting, 2022.
- Shankar M, Buckner E, **Meadows A, LaCoursiere Y, Sutton A**. Medical Student Knowledge and Attitudes on a Required Reproductive Justice Curriculum. Poster presentation at: National Society of General Internal Medicine. April 2022; Orlando, FL.
- Boone CE, Melber D, **Ballas J, Ramos GA, Kelly TF, McHale MT**, Picel AC, Roberts A, Berman Z. Multivessel pelvic embolization during cesarean hysterectomy for placenta accreta spectrum: A single center experience and comparison to internal iliac artery balloon occlusion. Society Interventional Radiology Annual Meeting 2022, Boston, MA.

List by division (alpha)

FAMILY PLANNING

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Sullender RT, Jacobs M, Bukowski K, Marengo A, **Mody SK, Averbach SH**. Impact of COVID-19 on abortion method under ten weeks gestational age in Southern California. *Contraception*. 2022 Jun;110:56-60. doi: 10.1016/j.contraception.2022.02.010. Epub 2022 Mar 6. PMID: 35263650; PMCID: PMC8898196.
- 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*. 2022 Jun;110:76-80. doi: 10.1016/j.contraception.2021.12.009. Epub 2021 Dec 28. PMID: 34971611; PMCID: PMC9086143.

Abstracts

- ACOG Annual Clinical Scientific Meeting 2022. Poster Presentation: Rigler N, **Averbach S**, Seandoval S, Meurice M, Hildebrand M, **Mody S**. Barriers and Facilitators of Extended Use of the Contraceptive Arm Implants: A Cross-Sectional Survey of Clinicians.
- 2022 Districts V, VIII, & IX Annual District Meeting. Oral Presentation: Meurice M, Marengo A, **Mody S, Averbach S**, Comparing characteristics of individuals choosing telemedicine versus in-person contraception care: a retrospective cohort study.
- Society of Family Planning Conference 2022: Poster Presentation: Schueller K, Jacobs M, **Averbach S**, Marengo A, **Mody S**. Understanding medication abortion ineligibility among a cohort of abortion clinic patients in Southern California.

AVERBACH, Sarah

Peer-Reviewed Research Publications

- **Averbach S**, Johns NE, Ghule M, Dixit A, Begum S, Battala M, Saggurti N, Silverman J, Raj A. Understanding quality of contraceptive counseling in the CHARM2 gender-equity focused family planning intervention: Findings

from a cluster randomized controlled trial among couples in rural India. *Contraception*. 2022 Nov 1:S0010-7824(22)00421-8. doi: 10.1016/j.contraception.2022.10.009. Epub ahead of print. PMID: 36328094.

- Dixit A, Ghule M, Rao N, Battala M, Begum S, Johns NE, **Averbach S**, Raj A. Qualitative Examination of the Role and Influence of Mothers-in-Law on Young Married Couples' Family Planning in Rural Maharashtra, India. *Glob Health Sci Pract*. 2022 Oct 31;10(5):e2200050. doi: 10.9745/GHSP-D-22-00050. PMID: 36316150; PMCID: PMC9622279.
- Sothornwit J, Kaewrudee S, Lumbiganon P, Pattanittum P, **Averbach SH**. Immediate versus delayed postpartum insertion of contraceptive implant and IUD for contraception. *Cochrane Database Syst Rev*. 2022 Oct 27;10(10):CD011913. doi: 10.1002/14651858.CD011913.pub3. PMID: 36302159; PMCID: PMC9612833.
- Dey AK, Dehingia N, Bhan N, Thomas EE, McDougal L, **Averbach S**, McAuley J, Singh A, Raj A. Using machine learning to understand determinants of IUD use in India: Analyses of the National Family Health Surveys (NFHS-4). *SSM Popul Health*. 2022 Sep 29;19:101234. doi: 10.1016/j.ssmph.2022.101234. PMID: 36203476; PMCID: PMC9529578.
- Nazarbegian M, **Averbach S**, Johns NE, Ghule M, Silverman J, Lundgren R, Battala M, Begum S, Raj A. Associations between Contraceptive Decision-Making and Marital Contraceptive Communication and use in Rural Maharashtra, India. *Stud Fam Plann*. 2022 Oct 3. doi: 10.1111/sifp.12214. Epub ahead of print. PMID: 36193029.
- Crouthamel B, Dixit A, Pearson E, Menzel J, Paul D, Shakhider MAH, Silverman J, **Averbach S**. The association between intimate partner violence and self-managed abortion: a cross-sectional study among women in urban Bangladesh. *Sex Reprod Health Matters*. 2022;29(2):2107078. doi: 10.1080/26410397.2022.2107078. PMID: 36001008; PMCID: PMC9415493.
- Kaller S, Ma M, Gurazada T, Baba CF, Rafie S, Raine-Bennett T, **Averbach S**, Chen M, Berry E, Meckstroth KR, Grossman D. "No Big Deal": A Qualitative Study of Pharmacists' Perspectives on Dispensing Mifepristone for Medication Abortion. *Womens Health Issues*. 2022 Nov-Dec;32(6):571-577. doi: 10.1016/j.whi.2022.06.007. Epub 2022 Jul 30. PMID: 35918240.
- Crouthamel B, Economou N, **Averbach S**, Rible R, Kully G, Meckstroth K, Mody SK. Effect of Paracervical Block Volume on Pain Control for Dilation and Aspiration: A Randomized Controlled Trial. *Obstet Gynecol*. 2022 Aug 1;140(2):234-242. doi: 10.1097/AOG.0000000000004862. Epub 2022 Jul 6. PMID: 35852274.
- **Averbach S**, Hofler L. Long-Acting Reversible Contraception With Contraceptive Implants and Intrauterine Devices. *JAMA*. 2022 May 24;327(20):2013-2014. doi: 10.1001/jama.2022.5448. PMID: 35522320.
- Dixit A, Johns NE, Ghule M, Battala M, Begum S, Saggurti N, Silverman J, Elizabeth Reed, Kiene SM, Benmarhnia T, **Averbach S**, Raj A. Association of traditional marital practices with contraceptive decision-making, couple communication, and method use among couples in rural Maharashtra, India. *Cult Health Sex*. 2022 Apr 24:1-16. doi: 10.1080/13691058.2022.2062052. Epub ahead of print. PMID: 35465833; PMCID: PMC9588848.

- 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.
- Raj A, Ghule M, Johns NE, Battala M, Begum S, Dixit A, Vaida F, Saggurti N, Silverman JG, **Averbach S**. Evaluation of a gender synchronized family planning intervention for married couples in rural India: The CHARM2 cluster randomized control trial. *EClinicalMedicine*. 2022 Mar 5;45:101334. doi: 10.1016/j.eclinm.2022.101334. PMID: 35274093; PMCID: PMC8902598.
- Sullender RT, Jacobs M, Bukowski K, Marengo A, Mody SK, **Averbach SH**. Impact of COVID-19 on abortion method under ten weeks gestational age in Southern California. *Contraception*. 2022 Jun;110:56-60. doi: 10.1016/j.contraception.2022.02.010. Epub 2022 Mar 6. PMID: 35263650; PMCID: PMC8898196.
- 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*. 2022 Jun;110:76-80. doi: 10.1016/j.contraception.2021.12.009. Epub 2021 Dec 28. PMID: 34971611; PMCID: PMC9086143.
- 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.

Abstracts

- ACOG Annual Clinical Scientific Meeting 2022. Poster Presentation: Rigler N, **Averbach S**, Seandoval S, Meurice M, Hildebrand M, Mody S. Barriers and Facilitators of Extended Use of the Contraceptive Arm Implants: A Cross-Sectional Survey of Clinicians.
- 2022 Districts V, VIII, & IX Annual District Meeting. Oral Presentation: Meurice M, Marengo A, Mody S, **Averbach S**, Comparing characteristics of individuals choosing telemedicine versus in-person contraception care: a retrospective cohort study.
- Society of Family Planning Conference 2022: Poster Presentation: Schueller K, Jacobs M, **Averbach S**, Marengo A, Mody S. Understanding medication abortion ineligibility among a cohort of abortion clinic patients in Southern California.

GUPTA, Pratima

Invited Presentations

- 6/22 Naval Medical Center Keynote Speaker Resident Research Day “Physician Advocacy and why your voice matters”
- 10/22 Ryan Program Community Call: Get Motivated for the Midterms
- 11/22 Lawyers Club of San Diego “Reproductive Equity in a Post-Dobbs World”
- 11/22 UCSD School of Public Health “Advocacy for Reproductive Justice”
- 12/22 Society of Family Planning “What do State Legislators need from researchers going into 2023”

Honors and Awards

- Rep. Mike Levin’s July Constituent of the Month.

MODY, Sheila

Peer-Reviewed Research Publications

- Crouthamel B, Economou N, Averbach S, Rible R, Kully G, Meckstroth K, **Mody SK**. Effect of Paracervical Block Volume on Pain Control for Dilation and Aspiration: A Randomized Controlled Trial. *Obstet Gynecol*. 2022 Aug 1;140(2):234-242. doi: 10.1097/AOG.0000000000004862. Epub 2022 Jul 6. PMID: 35852274.
- Thiel de Bocanegra H, Goliaei Z, Khan N, Banna S, Behnam R, **Mody SK**. Refugee Women's Receptiveness for Virtual Engagement on Reproductive Health During the COVID-19 Pandemic. *Int J Behav Med*. 2022 May 12:1–10. doi: 10.1007/s12529-022-10097-3. Epub ahead of print. PMID: 35554855; PMCID: PMC9097561.
- Sullender RT, Jacobs M, Bukowski K, Marengo A, **Mody SK**, Averbach SH. Impact of COVID-19 on abortion method under ten weeks gestational age in Southern California. *Contraception*. 2022 Jun;110:56-60. doi: 10.1016/j.contraception.2022.02.010. Epub 2022 Mar 6. PMID: 35263650; PMCID: PMC8898196.
- Stransky OM, Pam M, Ladores SL, Birru Talabi M, Borrero S, Godfrey EM, Roe AH, Sawicki GS, Zuckerwise LC, **Mody S**, Mentch L, Deal A, O'Leary R, Taylor-Cousar JL, Jain R, Kazmerski TM. Engaging Stakeholders in the Development of a Reproductive Goals Decision AID for Women with Cystic Fibrosis. *J Patient Exp*. 2022 Feb 1;9:23743735221077527. doi: 10.1177/23743735221077527. PMID: 35128042; PMCID: PMC8814976.

- 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*. 2022 Jun;110:76-80. doi: 10.1016/j.contraception.2021.12.009. Epub 2021 Dec 28. PMID: 34971611; PMCID: PMC9086143.
- 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*. 2022 Apr;108:7-18. doi: 10.1016/j.contraception.2021.11.004. Epub 2021 Dec 29. PMID: 34971601.

Review Articles and Book Chapters (Peer-reviewed)

- Sandoval S, Meurice M, Pebley N, **Mody S**. Alleviating Pain with IUD Placement: Recent Studies and Clinical Insight. March 2022. *Current Obstetrics and Gynecology Report*. DOI:[10.1007/s13669-022-00324-9](https://doi.org/10.1007/s13669-022-00324-9).
- Lyall M, Riberio de Oliveira, **Mody SK**. Considerations for Contraceptive Use Among Patients with Migraines. *Current Obstetrics and Gynecology Report*.

Abstracts

- European Cystic Fibrosis Society (ECFS) Meeting 2022: Oral Presentation: Pen G, Taylor-Cousa2 J, Lee M, Keller A, West N, Kazmerski T, Jen Goralaki, Aitken M, Roe A, Hadjiliadis D, Uluer A, Flume P, **Mody S**, Bray LB, Jain R. Impact of planned versus unplanned pregnancy in people with cystic fibrosis.
- North American Cystic Fibrosis Conference (NACFC) 2022: Poster Presentation: **Mody S**, Ruben M, Caldwell KE, Schwind E, Godfrey E, Brown G, Walker P, Sufian S. Feasibility of utilizing a modified menstrual tracking app to correlate menstrual cycles and cystic fibrosis symptoms among women with CF: Early findings of the MENSTRUAL study.
- ACOG Annual Clinical Scientific Meeting 2022. Poster Presentation: Rigler N, Averbach S, Seandoval S, Meurice M, Hildebrand M, **Mody S**. Barriers and Facilitators of Extended Use of the Contraceptive Arm Implants: A Cross-Sectional Survey of Clinicians.
- 2022 Districts V, VIII, & IX Annual District Meeting. Oral Presentation: Meurice M, Marengo A, **Mody S**, Averbach S, Comparing characteristics of individuals choosing telemedicine versus in-person contraception care: a retrospective cohort study.
- 2022 Districts V, VIII, & IX Annual District Meeting: Poster Presentation: Ribeiro de Oliveira A, Rigler N, Pai M, Meurice M, **Mody S**. My IUD is expired: A national mystery shopper study.

- Society of Family Planning Conference 2022: Poster Presentation: Schueller K, Jacobs M, Averbach S, Marengo A, **Mody S**. Understanding medication abortion ineligibility among a cohort of abortion clinic patients in Southern California.

Invited Presentations

- Thailand Abott-Expert View on Contraception November 2022
- One Medical-Updates in Complex Family Planning 2022
- Pearlman Clinic-Updates in Complex Family Planning 2022
- San Ysidro Health-Women's Health Grand Rounds 2022
- PRISM Health OB/GYN Grand Rounds 2022
- University of California, San Diego, OB/GYN RS MFM Division, Guest Lecturer "Updates in Family Planning" May 2022
- University of California, San Diego, Internal Medicine, Guest Lecturer "Post Dobbs" Nov 2022
- UCSD MedicalCommittee Grand Rounds speaker, Sept 2022
- Bioethics Symposium on The Role of Conscience, Guest speaker Nov 2022

Honors and Awards

- Accepted to Complex Family Planning Fellowship Council
- Accepted to Chair of the UCSD Academy of Clinician Scholars Grants Committee

FEMALE PELVIC MEDICINE AND RECONSTRUCTIVE SURGERY

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Rieger, Mary M. MD, MAS; Shah, Nemi M. MD; Ferrante, Kimberly L. MD, MAS; Tan-Kim, Jasmine MD, MAS; Jacobs, Marni B. PhD; **Brubaker, Linda MD, MS; Alperin, Marianna MD, MS**. Intraoperative Gentamicin Intravesical Instillation for Prevention of Urinary Tract Infection After Urogynecologic Surgery: A Randomized Controlled Trial. *Urogynecology (Hagerstown)*. 2022 Dec 1;28(12):825-833. PMID: 36409639.
- 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*. 2022 May;226(5):708.e1-708.e13. doi: 10.1016/j.ajog.2021.11.1353. Epub 2021 Nov 18. PMID: 34801444; PMCID: PMC9172206.\
- Smith AL, Rudser K, Harlow BL, McGwin G, Barthold J, Brady SS, **Brubaker L**, Cunningham SD, Griffith JW, Kenton K, Klusaritz H, Lewis CE, **Lukacz ES**, Maki J, Markland AD, Mueller ER, Newman DK, Nodora J, Rickey LM, Rockwood T, Simon M, Wyman JF, Sutcliffe S; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. RISE FOR HEALTH: Rationale and protocol for a prospective cohort study of bladder health in women. *Neurourol Urodyn*. 2022 Nov 2. doi: 10.1002/nau.25074. Epub ahead of print. PMID: 36321762.
- Kumar T, Bryant M, Cantrell K, Song SJ, McDonald D, Tubb HM, Farmer S, **Lukacz ES, Brubaker L**, Knight R. Effects of Variation in Urine Sample Storage Conditions on 16S Urogenital Microbiome Analyses. *mSystems*. 2022 Dec 8:e0102922. doi: 10.1128/msystems.01029-22. Epub ahead of print. PMID: 36475896.

Review Articles and Book Chapters (Peer-reviewed)

- **Alperin M**, Abramowitch S, Alarab M, Bortolini M, Brown B, **Burnett LA**, Connell KA, Damaser M, de Vita R, Gargett CE, Guess MK, Guler Z, Jorge RN, Kelley RS, Kibschull M, Miller K, Moalli PA, Mysorekar IU, Routzong MR, Shynlova O, Swenson CW, Therriault MA, Northington GM. Foundational science and mechanistic insights for a shared disease model: an expert consensus: Developed by the AUGS Basic Science Subcommittee and IUGA Special Interest Group. *Int Urogynecol J*. 2022 Jun;33(6):1387-1392. doi: 10.1007/s00192-022-05253-y. PMID: 35674811 PMCID:9266184.
- **Alperin M**, Abramowitch S, Alarab M, Bortolini M, Brown B, **Burnett LA**, Connell KA, Damaser MS, de Vita R, Gargett CE, Guess MK, Guler Z, Jorge RN, Kelley RS, Kibschull M, Miller K, Moalli PA, Mysorekar IU, Routzong

MR, Shynlova O, Swenson CW, Therriault MA, Northington GM. Foundational Science and Mechanistic Insights for a Shared Disease Model: An Expert Consensus: Developed by the AUGS Basic Science Subcommittee and IUGA Special Interest Group. *Female Pelvic Med Reconstr Surg*. 2022 May 25. doi: 10.1097/SPV.0000000000001216. PMID: 35609252 PMCID:9248017.

- Hochstedler B, Joyce C, Abdul-Rahim, Barnes H, Mueller E, Wolfe A, **Brubaker L, Burnett L**. One Size Does Not Fit All: Variability in Urinary Symptoms and Microbial Communities *Frontiers in Urology*. 2022 DOI10.3389/furo.2022.890990.
- Reiger M, Shah N, Ferrante K, Tan-Kim J, Jacobs M, **Brubaker L, Alperin M**. Intraoperative Gentamicin Intravesical Instillation for Prevention of Urinary Tract Infection after Urogynecologic Surgery: A Randomized Controlled Trial. *Urogynecology*.

ALPERIN, Marianna

Peer-Reviewed Research Publications

- Francesca Boscolo Sesillo, Varsha Rajesh, Michelle Wong, Pamela Duran, John B. Rudell, Courtney P. Rundio, Brittni B. Baynes, Louise C. Laurent, Alessandra Sacco, Karen L. Christman, **Marianna Alperin**. Muscle stem cells and fibro-adipogenic progenitors in female pelvic floor muscle regeneration following birth injury. *NPJ Regenerative Medicine*. *In Press*.
- Rieger, Mary M. MD, MAS; Shah, Nemi M. MD; Ferrante, Kimberly L. MD, MAS; Tan-Kim, Jasmine MD, MAS; Jacobs, Marni B. PhD; Brubaker, Linda MD, MS; **Alperin, Marianna MD, MS**. Intraoperative Gentamicin Intravesical Instillation for Prevention of Urinary Tract Infection After Urogynecologic Surgery: A Randomized Controlled Trial. *Urogynecology (Hagerstown)*. 2022 Dec 1;28(12):825-833. PMID: 36409639.
- Donaldson K, Thomas J, Zhu Y, Clark-Deener S, **Alperin M**, De Vita R. In-plane and out-of-plane deformations of gilt utero-sacral ligaments. *J Mech Behav Biomed Mater*. 2022 Jul;131:105249. doi: 10.1016/j.jmbbm.2022.105249. PMID: 35526346.
- 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*. 2022 May;226(5):708.e1-708.e13. doi: 10.1016/j.ajog.2021.11.1353. Epub 2021 Nov 18. PMID: 34801444; PMCID: PMC9172206.

Review Articles and Book Chapters (Peer-reviewed)

- **Alperin M**, Abramowitch S, Alarab M, Bortolini M, Brown B, Burnett LA, Connell KA, Damaser M, de Vita R, Gargett CE, Guess MK, Guler Z, Jorge RN, Kelley RS, Kibschull M, Miller K, Moalli PA, Mysorekar IU, Routzong MR, Shynlova O, Swenson CW, Therriault MA, Northington GM. Foundational science and mechanistic insights for a shared disease model: an expert consensus: Developed by the AUGS Basic Science Subcommittee and IUGA Special Interest Group. *Int Urogynecol J*. 2022 Jun;33(6):1387-1392. doi: 10.1007/s00192-022-05253-y. PMID: 35674811 PMCID:9266184.
- **Alperin M**, Abramowitch S, Alarab M, Bortolini M, Brown B, Burnett LA, Connell KA, Damaser MS, de Vita R, Gargett CE, Guess MK, Guler Z, Jorge RN, Kelley RS, Kibschull M, Miller K, Moalli PA, Mysorekar IU, Routzong MR, Shynlova O, Swenson CW, Therriault MA, Northington GM. Foundational Science and Mechanistic Insights for a Shared Disease Model: An Expert Consensus: Developed by the AUGS Basic Science Subcommittee and IUGA Special Interest Group. *Female Pelvic Med Reconstr Surg*. 2022 May 25. doi: 10.1097/SPV.0000000000001216. PMID: 35609252 PMCID:9248017.
- Deprest JA, Cartwright R, Dietz HP, Brito LGO, Koch M, Allen-Brady K, Manonai J, Weintraub AY, Chua JWF, Cuffolo R, Sorrentino F, Cattani L, Decoene J, Page AS, Weeg N, Varella Pereira GM, Mori da Cunha de Carvalho MGMC, Mackova K, Hympanova LH, Moalli P, Shynlova O, **Alperin M**, Bortolini MAT. International Urogynecological Consultation (IUC): pathophysiology of pelvic organ prolapse (POP). *Int Urogynecol J*. 2022 doi: 10.1007/s00192-022-05081-0. PMID: 35267063.

Abstracts

- “Effect of Non-Steroidal Anti-Inflammatory Drugs on the Pelvic Floor Muscle Regeneration in Preclinical Birth Injury Rat Model.” Podium presentation at 2022 AUGS/IUGA Joint Scientific Meeting, June 2022. Role: Senior Author, Postdoctoral Advisor.
- “Impact of Mode of Delivery on Structural and Soluble Components of the Extracellular Matrix in Rat Pelvic Floor Muscles.” Salon presentation at 2022 AUGS/IUGA Joint Scientific Meeting, June 2022. Role: Senior Author, Fellow Research Mentor.
- “Computational Quantification of External Anal Sphincter Thicknesses.” Podium presentation at 2022 AUGS/IUGA Joint Scientific Meeting, June 2022. Role: Senior Author, Postdoctoral Advisor.
- “Reversible and Persistent Alterations in Structural and Soluble Components in the Extracellular Matrix of the Rat Pelvic Floor Muscles Along the Nonpregnant-to-Postpartum Continuum.” Podium presentation at 2022 AUGS/IUGA Joint Scientific Meeting, June 2022. Role: Senior Author, Fellow Research Mentor.

- “The impact of microenvironmental and pregnancy-associated systemic factors on rat muscle progenitors.” Salon presentation at 2022 AUGS/IUGA Joint Scientific Meeting, June 2022. Role: Senior Author, Resident Research Mentor.
- “Gentamicin Intravesical Instillation for Prevention of Urinary Tract Infection After Urogynecologic Surgery (GIVE IT): A Randomized Controlled Trial.” Podium presentation at 2022 SUFU Winter Scientific Meeting, February 2022. Role: Senior Author, Fellow/Junior Faculty Research Mentor.

Invited Presentations

- “Pragmatic Regenerative Approaches for pelvic Soft Tissues” Invited state-of-the-art presentation at the Annual Society for pelvic Research Meeting, Charlotte, NC, December 2022.
- “Impact of pregnancy and delivery on the extracellular matrix of the rat pelvic floor muscles.” Invited presentation at the 24th Annual San Diego Glycobiology Symposium, Virtual, April 2022.
- “Strategies to prevent pelvic floor muscle damage postpartum.” Invited presentation at the 69th Annual Scientific Meeting, Society of Reproductive Investigators, Denver, CO, March 2022.

Honors and Awards

- Fellow, AGOS

BRUBAKER, Linda

Peer-Reviewed Research Publications

- Kumar T, Bryant M, Cantrell K, Song SJ, McDonald D, Tubb HM, Farmer S, Lukacz ES, **Brubaker L**, Knight R. Effects of Variation in Urine Sample Storage Conditions on 16S Urogenital Microbiome Analyses. mSystems. 2022 Dec 8:e0102922. doi: 10.1128/msystems.01029-22. Epub ahead of print. PMID: 36475896.
- **Brubaker L**, Barthold J, Fitzgerald CM, Kenton K, Lewis CE, Lowder J, Lukacz ES, Markland A, Meister M, Miller J, Mueller ER, Rudser K, Smith AL, Newman DK; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. The RISE FOR HEALTH study: Methods for in-person assessment and biospecimen collection. Neurourol Urodyn. 2022 Dec 27. doi: 10.1002/nau.25108. Epub ahead of print. PMID: 36573845.

- Dune TJ, Griffin A, Hoffman EG, Joyce C, Taege S, **Brubaker L**, Fitzgerald CM. Importance of internal vaginal pelvic floor muscle exams for women with external lumbar/hip/pelvic girdle pain. *Int Urogynecol J*. 2022 Oct 29. doi: 10.1007/s00192-022-05390-4. Epub ahead of print. PMID: 36308537.
- Halverson T, Mueller ER, **Brubaker L**, Wolfe AJ. Urobiome changes differ based on OAB treatment in adult females. *Int Urogynecol J*. 2022 Nov 24. doi: 10.1007/s00192-022-05416-x. Epub ahead of print. PMID: 36422657.
- Smith AL, Rudser K, Harlow BL, McGwin G, Barthold J, Brady SS, **Brubaker L**, Cunningham SD, Griffith JW, Kenton K, Klusaritz H, Lewis CE, Lukacz ES, Maki J, Markland AD, Mueller ER, Newman DK, Nodora J, Rickey LM, Rockwood T, Simon M, Wyman JF, Sutcliffe S; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. RISE FOR HEALTH: Rationale and protocol for a prospective cohort study of bladder health in women. *Neurourol Urodyn*. 2022 Nov 2. doi: 10.1002/nau.25074. Epub ahead of print. PMID: 36321762.
- **Brubaker L** and Bibbins-Domingo. Health Care Access and Reproductive Rights. *JAMA* 2022;328(17):1707-1709. Doi:10.1001/jama.2022.19172.
- Gregory WT, Schimpt M, Barber M, Minaglia S and **Brubaker L**. Call to Readiness: The Urogynecologist's Role in Post-Roe America. *Urogynecology* 2022;28:713-715 DOI: 10.1097/SPV.0000000000001250.
- **Brubaker L**, Nodora J, Bavendam T, Connett J, Claussen AM, Lewis CE, Rudser K, Sutcliffe S, Wyman JF, Miller JM. A policy toolkit for authorship and dissemination policies may benefit NIH research consortia. *Account Res*. 2022 Sep 1:1-19. doi: 10.1080/08989621.2022.2116318. Epub ahead of print. PMID: 35998252.
- Hochstedler B, Joyce C, Abdul-Rahim, Barnes H, Mueller E, Wolfe A, **Brubaker L**, Burnett L. One Size Does Not Fit All: Variability in Urinary Symptoms and Microbial Communities *Frontiers in Urology*. 2022 DOI10.3389/furo.2022.890990.
- Reiger M, Shah N, Ferrante K, Tan-Kim J, Jacobs M, **Brubaker L**, Alperin M. Intraoperative Gentamicin Intravesical Instillation for Prevention of Urinary Tract Infection after Urogynecologic Surgery: A Randomized Controlled Trial. *Urogynecology*.
- Siddiqui N, Ma L, **Brubaker L**, Mao J, Hoffman C and Karstens L. Updating urinary microbiome analyses to enhance biologic interpretation. *Front. Cell. Infect. Microbiol*. 08 July 2022 <https://doi.org/10.3389/fcimb.2022.789439>
- Gross E and **Brubaker L**. Dyspareunia in Women. *JAMA*. doi:10.1001/jama.2022.4853.
- Barnes HC, Akl A, Taege SK, Brincat C, **Brubaker L**, Mueller ER. Using clinical estimate or catheter measurement of urethral midpoint result in similar retropubic mid-urethral sling position: a randomized trial. *International Urogynecology Journal* 2022 Mar 30 doi: 10.1007/s00192-022-05167-9. PMID: 35353246.
- **Brubaker L**, Marsh E, Cedars M, Riley L, Fenner D, Murtha A, Goff B and Khabele D. Promoting Meaningful Gender and Racial Equity for Obstetrician-Gynecologists: Principles and Practices. *AJOG*. February 2022. <https://doi.org/10.1016/j.ajog.2021.09.035>.

- Halverson T, Mueller ER, **Brubaker L**, Wolfe A. Symptom Improvement with Mirabegron Treatment is Associated with Urobiome Changes in Adult Women. *Int Urogyn Journal* (2022). <https://doi.org/10.1007/s00192-022-05190-w>.

Submitted/In Revision:

- Wall L, Haile A, **Brubaker L**. War Crimes and Patient Care in Northern Ethiopia: The Urgent Need to Lift the Siege of Ayder Hospital. Submitted *Health Policy Open*.
- Ha D, Ghebrendrias S, Meadows A, LaCoursiere DY, Lewis A, Lawson M, Morales M, Gyamfi-Bannerman C, **Brubaker L**. The UC San Diego Culture and Justice Quorum: A Departmental Approach to Dismantling Structural Racism. In Revision *Acad Med*.
- Averbach S, Ha D, Meadows A, **Brubaker L**, Gyamfi-Bannerman C. Failure to Progress: Structural Racism in Obstetrics and Gynecology. Submitted *Am J Public Health*.
- Cunningham S, Lindberg S, Joinson C, Shoham D, Chu H, Newman D, Epperson N, **Brubaker L**, Low L, Camenga D, LaCoursiere DY, Meister M, Kenton K, Sutcliffe S, Markland A, Gahagan S, Coyne-Beasley T, Constantine M, Berry A, for the Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Maternal depression and lower urinary tract symptoms in their daughters: A birth cohort study. Submitted *Families, Systems, & Health*.
- Wolfe A, Radmacher D, Mores C, Evans R, Overholt T, Halverson T, Limeria R, Matthews C, Badlani G, **Brubaker L**, and Walker S. Detection of Bacteria in Bladder Mucosa of Adult Women. In Revision. *J. Urol*.
- Vavra B, Durazo-Arvizu R, Liu K, Michos E, **Brubaker L**, Bancks M, Markossian T, Kramer H. Does race and ethnicity modify the association of aging with severe nocturia and associated bother? The Multi-Ethnic Study of Atherosclerosis" Submitted *Journal of Aging and Health*.

Review Articles and Book Chapters (Peer-reviewed)

- **Linda Brubaker, MD (Chair)**; Joan Blomquist, MD; Olivia Cardenas-Trowers, MD; Colleen Fitzgerald, MD; Yvette LaCoursiere, MD; Christina Lewicky-Gaupp, MD; Jessica McKinney, PT, DScPT, MS; Melanie Meister, MD; Kate Meriwether, MD; Ingrid Nygaard, MD; Megan Schimpf, MD; and Elisa Trowbridge, MD. *Pelvic Floor Health: Your Guide to Pregnancy and Postpartum Care*.

Abstracts

- A Departmental Model for Anti-Racism Activities. S Ghebrendrias, **L Brubaker**, M Morales, Y LaCoursiere. SASGOG Annual Meeting, 2022.

Invited Presentations

- November 26, 2022: Chinese National Meeting of Pelvic Floor Disease - Invited Keynote Lecture: Bladder Health: More Than Just the Absence of Symptoms.
- July 2, 2022: Urogynecology and Reconstructive Surgery Society of India: Two presentations: Diagnosis and evaluation of UTI & Recurrent UTI & Treatment strategies of UTI Current and Future.
- February 28, 2022: UK - Urinary Tract Infection Global Alliance (UTIGA) – Clinical Considerations for UROBIOME Research.
- February 15, 2022: Mayo Clinic Infectious Diseases Practice Updates 2022. Advances in the Urobiome.

BURNETT, Lindsey

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.* 2022 May;226(5):708.e1-708.e13. doi: 10.1016/j.ajog.2021.11.1353. Epub 2021 Nov 18. PMID: 34801444; PMCID: PMC9172206.
- Hochstedler-Kramer BR, Joyce C, Abdul-Rahim O, Barnes HC, Mueller ER, Wolfe AJ, Brubaker L and **Burnett LA**. One Size Does Not Fit All: Variability in Urinary Symptoms and Microbial Communities. *Frontiers in Urology*, Accepted, 2022.

Review Articles and Book Chapters (Peer-reviewed)

- Alperin M, Abramowitch S, Alarab M, Bortolini M, Brown B, **Burnett LA**, Connell KA, Damaser M, de Vita R, Gargett CE, Guess MK, Guler Z, Jorge RN, Kelley RS, Kibschull M, Miller K, Moalli PA, Mysorekar IU, Routzong MR, Shynlova O, Swenson CW, Therriault MA, Northington GM. Foundational science and mechanistic insights for a shared disease model: an expert consensus: Developed by the AUGS Basic Science Subcommittee and IUGA Special Interest Group. *Int Urogynecol J.* 2022 Jun;33(6):1387-1392. doi: 10.1007/s00192-022-05253-y. PMID: 35674811 PMCID:9266184.
- Alperin M, Abramowitch S, Alarab M, Bortolini M, Brown B, **Burnett LA**, Connell KA, Damaser MS, de Vita R, Gargett CE, Guess MK, Guler Z, Jorge RN, Kelley RS, Kibschull M, Miller K, Moalli PA, Mysorekar IU, Routzong

MR, Shynlova O, Swenson CW, Therriault MA, Northington GM. Foundational Science and Mechanistic Insights for a Shared Disease Model: An Expert Consensus: Developed by the AUGS Basic Science Subcommittee and IUGA Special Interest Group. Female Pelvic Med Reconstr Surg. 2022 May 25. doi: 10.1097/SPV.0000000000001216. PMID: 35609252 PMCID:9248017.

Invited Presentations

- One Size Does Not Fit All: Variability in Urinary Symptoms and Microbial Communities. Oral presentation, Multidisciplinary Benign Urology Research Symposium, Duke University, Virtual, 2022.
- Reversible and Persistent Alterations in Structural and Soluble Components in the Extracellular Matrix of the Rat Pelvic Floor Muscles Along the Nonpregnant-to-Postpartum Continuum. Short Oral Presentation, AUGS-IUGA Joint Meeting, Austin, 2022.
- Impact of Mode of Delivery on Structural and Soluble Components of the Extracellular Matrix in Rat Pelvic Floor Muscles. Salon Presentation, AUGS-IUGA Joint Meeting, Austin, 2022.
- Understanding Molecular Regulation of Pelvic Floor Muscle Structure and Function. Grand Rounds, UC San Diego School of Medicine, La Jolla, CA, 2022.
- Understanding Molecular Regulation of Pelvic Floor Disorders. Inviter Speaker, UC San Diego Medical Center Obstetrics, Gynecology, and Reproductive Sciences Research Day, La Jolla, CA 2022.
- One Size Does Not Fit All: Variability in Urinary Symptoms and Microbial Communities. Invited Speaker, UC San Diego, Benign Urology Research Meeting, Virtual, 2022.
- Virtual Summer Research Program. Invited Panelist, American Physician Scientists Association, Virtual, 2022.
- Urogyn: Updates in Research and Practice. Grand Rounds, SIU School of Medicine, Springfield, IL, 2022.
- Emerging Molecular Insights Into Pelvic Floor Disorders. Invited Speaker, Molecular Biology, Microbiology and Biochemistry (MBMB) Graduate Program, SIU School of Medicine, Virtual, 2022.
- Understanding the Role of Metabolism in Pelvic Floor Disorders. Inviter Speaker, UC San Diego Medical Center Obstetrics, Gynecology, and Reproductive Sciences Research Retreat, La Jolla, CA 2022.
- Understanding Molecular Regulation of Pelvic Floor Muscle Structure and Function. Grand Rounds, Yale University, New Haven, CT, 2022.

LUKACZ, Emily

Peer-Reviewed Research Publications

- Jung CE, Estaki M, Chopyk J, Taylor BC, Gonzalez A, McDonald D, Shin J, Ferrante K, Wasenda E, Lippmann Q, Knight R, Pride D, **Lukacz ES**. Impact of Vaginal Estrogen on the Urobiome in Postmenopausal Women With Recurrent Urinary Tract Infection. *Female Pelvic Med Reconstr Surg*. 2022 Jan 1;28(1):20-26. doi: 10.1097/SPV.0000000000001051. PMID: 33978602.
- Zyczynski HM, Richter HE, Sung VW, **Lukacz ES**, Arya LA, Rahn DD, Visco AG, Mazloomdoost D, Carper B, Gantz MG; NICHD Pelvic Floor Disorders Network. Percutaneous Tibial Nerve Stimulation vs Sham Stimulation for Fecal Incontinence in Women: NeuroModulation for Accidental Bowel Leakage Randomized Clinical Trial. *Am J Gastroenterol*. 2022 Apr 1;117(4):654-667. doi: 10.14309/ajg.0000000000001605. PMID: 35354778.
- Smith AL, Rudser K, Harlow BL, McGwin G, Barthold J, Brady SS, Brubaker L, Cunningham SD, Griffith JW, Kenton K, Klusaritz H, Lewis CE, **Lukacz ES**, Maki J, Markland AD, Mueller ER, Newman DK, Nodora J, Rickey LM, Rockwood T, Simon M, Wyman JF, Sutcliffe S; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. RISE FOR HEALTH: Rationale and protocol for a prospective cohort study of bladder health in women. *Neurourol Urodyn*. 2022 Nov 2. doi: 10.1002/nau.25074. Epub ahead of print. PMID: 36321762.
- Fitzgerald CM, Fok C, Kenton K, **Lukacz E**, Markland AD, Meister M, Newman DK, Rudser K, Smith EG, Wyman JF, Lowder JL; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. The RISE FOR HEALTH study: Methods for in-person musculoskeletal assessment. *Neurourol Urodyn*. 2022 Nov 20. doi: 10.1002/nau.25086. Epub ahead of print. PMID: 36403285.
- Kumar T, Bryant M, Cantrell K, Song SJ, McDonald D, Tubb HM, Farmer S, **Lukacz ES**, Brubaker L, Knight R. Effects of Variation in Urine Sample Storage Conditions on 16S Urogenital Microbiome Analyses. *mSystems*. 2022 Dec 8:e0102922. doi: 10.1128/msystems.01029-22. Epub ahead of print. PMID: 36475896.

Invited Presentations

- Invited Speaker (annually), UC San Diego Health Sciences Leadership and Management Scholars Program, April 22, 2022, "Leading Up".
- Invited Panelist, Women in Leadership, San Diego Community Girls and Young Women Career Fair November 2, 2022, La Jolla CA.
- Invited Speaker, UCSD Women in Surgery, November 17, 2022, La Jolla CA, "Salary Equity in Health Sciences"

Honors and Awards

- Castle Connolly “Top Doctors” Exceptional Women In Medicine: 2022-2023
- Nominated and Elected to the American Gynecological and Obstetrical Society (AGOS)

NAGER, Charles

Peer-Reviewed Research Publications

- **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. PMID 34844701.
- Rogers RG, Meyer I, Smith AL, Ackenbom M, Barden L, Korbly N, Mazloomdoost D, Thomas S, **Nager C.** Improved body image after uterovaginal prolapse surgery with or without hysterectomy. *Int Urogynecol J.* 2022 Jan;33(1):115-122. PMID34432089.
- Richter HE, Sridhar A, **Nager CW**, Komesu YM, Harvie HS, Zyczynski HM, Rardin C, Visco A, Mazloomdoost D, Thomas S; NICHD Pelvic Floor Disorders Network. Characteristics Associated with Composite Surgical Failure Over 5 Years of Women in a Randomized Trial of Sacrospinous Hysteropexy With Graft versus Vaginal Hysterectomy With Uterosacral Ligament Suspension. *Am J Obstet Gynecol.* 2022 Aug 2:S0002-9378(22)00619-6. doi: 10.1016/j.ajog.2022.07.048. Epub ahead of print. PMID: 35931131.
- de Tayrac R, Antosh DD, Baessler K, Cheon C, Deffieux X, Gutman R, Lee J, **Nager C**, Schizas A, Sung V, Maher C. Summary: 2021 International Consultation on Incontinence Evidence-Based Surgical Pathway for Pelvic Organ Prolapse. *J Clin Med.* 2022 Oct 17;11(20):6106. doi: 10.3390/jcm11206106. PMID: 36294427; PMCID: PMC9605527.
- **Nager CW.** "You Need More Than a Hammer". *Urogynecology (Hagerstown).* 2022 Oct 1;28(10):627-632. doi: 10.1097/SPV.0000000000001239. Epub 2022 Aug 19. PMID: 36256958.

Invited Presentations

- “Updates in Urogynecology” ACOG Annual Meeting, San Diego, CA. May 7, 2022.
- “Surgical Management of Stress Urinary Incontinence” Balloon Debate. AUGS/IUGA Annual Scientific Meeting. Austin, Texas, June 16, 2022.

- “You need more than a hammer”. The AUGS Raymond A. Lee Lectureship- In recognition of leadership and surgical contributions to the field of Female Pelvic Medicine and Reconstructive Surgery. Austin, Texas, June 17, 2022.

Honors and Awards

- Castle Connolly Top Doctor 2022

GENERAL OBSTETRICS AND GYNECOLOGY

ALVARADO, Jorge

Honors and Awards

- Whitehill Prize for Excellence in Teaching. University of California San Francisco, June 2020 and June 2022.

FARRELL, MAUREEN

Invited Presentations

- Hospital Grand Rounds, Group on Women in Medicine and Science, USUHS, Bethesda, MD 2/2022 Social Policies in the DoD: My 3 Decades of Guarded Optimism.
- Planned Parenthood of the Pacific Southwest Clinical Webinar, San Diego, CA 8/2022 The Initial Infertility Work-up.
- Planned Parenthood of the Pacific Southwest Clinical Webinar, San Diego, CA 12/2022 Intimate Partner Violence: Acknowledging the Burden, Breaking the Cycle.

GROSS, Erin

Peer-Reviewed Research Publications

- **Gross E**, Brubaker L. Dyspareunia in Women. *JAMA*. 2022;327(18):1817–1818.

Invited Presentations

- Invited Speaker, “Musculoskeletal and Neuropathic Pelvic Pain,” UC San Diego OB/Gyn resident lecture series, March 9, 2022.
- Poster - “Management of Emergency Hypertension via an Electronic Order Set in the Obstetric Population.” Melber D, Fernandez E, Koenig J, Jacobs M, Fullicks L, Gross E, Tarsa M, May 26, 2022.

KINGSTON, Jessica

Review Articles and Book Chapters (Peer-reviewed)

- **Kingston, J.** (Feb 2022). A 38-year-old G0 woman with a 4cm umbilical mass. In T. Jenkins, L. Keder, A. Famuyide, K. GeCSI, D. Chelmow (Eds.), Surgical Gynecology: A Case-Based Approach. Cambridge: Cambridge University Press.

Invited Presentations

- Invited Speaker, “Cervical Cancer Screening”, UCSD Department of Family Medicine Clinical Tune-Up Series, August 2022.

Honors and Awards

- Castle Connolly Regional Top Doctor, 2019-22
- Castle Connolly Top Doctor, 2019-22
- Exceptional Women in Medicine, 2019-2022

MACAULAY, Kathryn

Invited Presentations

- Speaker, Grand Rounds, “Conventional and Alternative Treatments for Menopause”, Humboldt-Del Norte Consortium, Eureka CA, January 2022.
- Speaker, “Addressing Concerns About Female Hormonal Dysregulation”, San Diego Academy of Family Physicians All Member Meeting/Virtual Conference, February 2022.
- Speaker, “Update in Menopausal Hormone Therapy”, Community Memorial Hospital, Ventura, CA, March 2022

Honors and Awards

- “Top Doctors” 2021, 2022 Castle Connolly

MEADOWS, Audra

Abstracts

- Shankar M, Buckner E, **Meadows A**, LaCoursiere Y, Sutton A. Medical Student Knowledge and Attitudes on a Required Reproductive Justice Curriculum. Poster presentation at: National Society of General Internal Medicine. April 2022; Orlando, FL.
- A Sutton, M Shankar, E Buckner, **A Meadows**, Y LaCoursiere. Increasing Medical Student Knowledge and Confidence in Applying the Reproductive Justice Framework. SASGOG Annual Meeting, 2022.

Invited Presentations

- Shankar M, Buckner E, **Meadows A**, LaCoursiere Y, Sutton A. Medical Student Knowledge and Attitudes on a Required Reproductive Justice Curriculum. Poster presentation at: National Society of General Internal Medicine. April 2022; Orlando, FL.
- Sutton A, Shankar M, Buckner E, **Meadows A**, Lacoursiere Y. “Increasing Medical Student Knowledge and Confidence in Applying the Reproductive Justice Framework.” Poster presentation at Society of Academic Specialists in General Obstetrics and Gynecology. May 2022; San Diego, CA.

MILLER, Christine

Honors and Awards

- Top Doctors San Diego Magazine 2022
- Castle Connolly Top Doctor 2022
- Castle Connolly Exceptional Women in Medicine 2022

PICKETT, Charlotte

Peer-Reviewed Research Publications

- **Pickett C**, Patanwala I, Kasper K, Haas D. Transversus abdominis plane (TAP) blocks for prevention of postoperative pain in women undergoing laparoscopic and robotic gynaecological surgery (Protocol). Cochrane Database of Systematic Reviews. 2022. Issue 11. CD015145.

Invited Presentations

- Surgical Approach to Hysterectomy for Benign Gynecologic Disease. Annual Departmental Research Symposium. Indiana University, Indianapolis, IN. 18 May, 2022.
- The GYN Surgeon: Fertility Friend or Foe? Department of Obstetrics & Gynecology Grand Rounds. Indiana University, Indianapolis, IN. 2 March 2022.
- **Pickett C**, Gnade C, Oshinowo A. Troubleshooting Less is More: Three Simple Tricks Every Gynecologist Should Know. AAGL Global Congress. Aurora, Colorado. December 1-4, 2022.
- **Pickett C**, Gnade C, Kasper K. Laparoscopic Rudimentary Horn Removal. AAGL Global Congress. Aurora, Colorado. December 1-4, 2022.

RIES, Maureen

Review Articles and Book Chapters (Peer-reviewed)

- Beddoe Ann Marie, **Ries Maureen**, Benson Angela, Rehwaldt Lise, Mullbah John, Johnson Janetta, Lieber Molly, Dottino Andrew, Maund Corrine, Campbell Sara, Kerry Vanessa, Solomon Julie, Lieb Whitney, Brodman Michael, Gharoro Etedafe, Sayeed Sadath, Nuthulaganti Tej, Johnson Billy C., Brown Jerry, Marshall Roseda, Dahn Bernice. (2022). Community-Institutional Partnerships to Strengthen Maternal Health Care: Case Study of the First Obstetrics and Gynecology Specialty Training Program in Liberia. *Frontiers in Public Health*, Volume 9.

Invited Presentations

- ACOG Annual District Meeting. "Building Capacity Through Education" Global Health Panelist. Maui HI. (October 1, 2022).

TANG, Michelle

Invited Presentations

- Jou J, **Tang M**, McHale M. Surgical coaching versus self-practice with a robotic surgery simulator to improve surgical skills: a randomized controlled trial. Oral, CREOG & APGO Annual Meeting, Orlando, FL. March, 2022.

Honors and Awards

- Society for Academic Specialists in General Obstetrics and Gynecology Resident Award 2022 UC San Diego – San Diego, CA • Awarded annually to one resident physician at the chief residents and fellows graduation
- Society of Gynecologic Oncology Outstanding Resident in Gynecologic Oncology Award 2022 UC San Diego – San Diego, CA • Awarded annually to one resident physician at the chief residents and fellows graduation

VARON, Shira

Abstracts

- Abstract presented at SGS 2022: Differences in Bleeding Profiles Among Non-Submucosal Fibroids. K Goldrath ¹, M Schembri ², R Parvataneni ¹, N Saberi ³, **S Varon** ⁴, L Waetjen ⁵, V Jacoby ²
- Abstract presented at International Society of MR Radiographers and Technologists (ISMIRM) 2023: Geometric accuracy of female pelvic DWI at 3T using reduced field of view and reverse polarity gradient distortion correction

GYNECOLOGIC ONCOLOGY

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- 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.
- Ozmadenci D, Shankara Narayanan JS, Andrew J, Ojalill M, Barrie AM, Jiang S, Iyer S, Chen XL, Rose M, Estrada V, Molinolo A, Bertotto T, Mikulski Z, **McHale MC**, White RR, Connolly DC, Pachter JA, Kuchroo VK, **Stupack DG**, **Schlaepfer DD**. Tumor FAK orchestrates immunosuppression in ovarian cancer via the CD155/TIGIT axis. *Proc Natl Acad Sci U S A*. 2022 Apr 26;119(17):e2117065119. doi: 10.1073/pnas.2117065119. Epub 2022 Apr 25. PMID: 35467979; PMCID: PMC9169934.
- 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

- Marianne S. Hom-Tedla, Katherine Coakley, **Michael McHale**, **Cheryl Saenz**, **Steven Plaxe**, **Pratibha S. Binder**, Terry Harrison, Marni B. Jacobs, **Ramez N. Eskander**, 21 MLH1 promoter hypermethylation among mismatch repair deficient, high-intermediate risk, endometrial cancer patients is associated with differences in prognostic factors, *Gynecologic Oncology Reports*, Volume 44, Supplement 2, 2022, Pages S9-S10, ISSN 2352-5789,

[https://doi.org/10.1016/S2352-5789\(22\)00233-8](https://doi.org/10.1016/S2352-5789(22)00233-8).

(<https://www.sciencedirect.com/science/article/pii/S2352578922002338>)

- Katherine Coakley, Marianne S. Hom-Tedla, **Steven Plaxe**, **Pratibha S. Binder**, **Ramez N. Eskander**, **Cheryl Saenz**, **Michael McHale**, 7 Hysterectomies for endometrial hyperplasia decreased during the first year of the COVID-19 pandemic: where have all the patients gone? *Gynecologic Oncology Reports*, Volume 44, Supplement 2, 2022, Page S4, ISSN 2352-5789, [https://doi.org/10.1016/S2352-5789\(22\)00219-3](https://doi.org/10.1016/S2352-5789(22)00219-3). (<https://www.sciencedirect.com/science/article/pii/S2352578922002193>)
- Allison Brodsky, **Michael McHale**, **Steven Plaxe**, Comparison of rates of vaginal brachytherapy vs. external beam radiation post-hysterectomy for endometrial cancer patients in rural vs. urban settings (459), *Gynecologic Oncology*, Volume 166, Supplement 1, 2022, Page S229, ISSN 0090-8258, [https://doi.org/10.1016/S0090-8258\(22\)01681-X](https://doi.org/10.1016/S0090-8258(22)01681-X). (<https://www.sciencedirect.com/science/article/pii/S009082582201681X>)
- Brodsky A, Pemmaraju A, Mesina O, **Saenz CC**, **Eskander R**, **McHale MT**, **Plaxe SC**, **Binder PS**. Narcotic Waste in the Operating Room and immediately Post-operatively in Gynecologic Oncology patients. The 53rd Annual Meeting of Society of Gynecologic Oncology in Phoenix, Arizona, in March, 2022.
- Hom-Tedla MS, Coakley K, Charo L, Jou J, Bondre I, **McHale M**, **Eskander R**, **Binder P**, **Saenz C**, **Plaxe S**. Lymph node evaluation in endometrial cancer patients after the FIRES trial. The 53rd Annual Meeting of Society of Gynecologic Oncology in Phoenix, Arizona, in March, 2022.
- Coakley K, Hom-Tedla MS, **Saenz C**, **Binder P**, **McHale M**, **Eskander R**, **Plaxe S**. Higher US COVID-19 hospitalizations are associated with compromised endometrial cancer care; 20% fewer patients were treated surgically during the first year of the pandemic. The 53rd Annual Meeting of Society of Gynecologic Oncology in Phoenix, Arizona in March, 2022.

BINDER, Pratibha

Peer-Reviewed Research Publications

- **Binder PS**. Beyond chemotherapy: immunotherapy offers a new treatment option for women with endometrial cancer. *CONQUER: the patient voice*. 2022;8(5 suppl):15-16.
- Kotha NV, Williamson CW, Mell LK, Murphy JD, Martinez E, **Binder PS**, Mayadev JS. Disparities in Time to Start of Definitive Radiation Treatment for Patients with Locally Advanced Cervical Cancer. *Int J of Gynecol Cancer* 2022 May;32(5): 613-618. PMID: 35428688.

- **Binder PS**, Hashim YM, Cripe J, Buchanan T, Zamorano A, Vangveravong S, Mutch DG, Hawkins WG, Powell MA, Spitzer D. The targeted SMAC mimetic SW IV-134 platinum-based chemotherapy in pre-clinical models of ovarian cancer. *BMC Cancer* 2022 March; 22(263).
- Marsh-Armstrong B, Veerapong J, Taddonio M, Boles S, Sicklick JK, **Binder P**. Pregnancy-associated large pelvic desmoid tumor: a case report of fetal-protective strategies and fertility preservation. *Gynecol Oncol Rep* 2022 February;39:100901. Epub Dec 2021. PMID: 35531359.

Abstracts

- Marianne S. Hom-Tedla, Katherine Coakley, Michael McHale, Cheryl Saenz, Steven Plaxe, **Pratibha S. Binder**, Terry Harrison, Marni B. Jacobs, Ramez N. Eskander, 21 MLH1 promoter hypermethylation among mismatch repair deficient, high-intermediate risk, endometrial cancer patients is associated with differences in prognostic factors, *Gynecologic Oncology Reports*, Volume 44, Supplement 2, 2022, Pages S9-S10, ISSN 2352-5789, [https://doi.org/10.1016/S2352-5789\(22\)00233-8](https://doi.org/10.1016/S2352-5789(22)00233-8).
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(<https://www.sciencedirect.com/science/article/pii/S2352578922002193>)
- Brodsky A, Pemmaraju A, Mesina O, Saenz CC, Eskander R, McHale MT, Plaxe SC, **Binder PS**. Narcotic Waste in the Operating Room and immediately Post-operatively in Gynecologic Oncology patients. The 53rd Annual Meeting of Society of Gynecologic Oncology in Phoenix, Arizona, in March, 2022.
- Hom-Tedla MS, Coakley K, Charo L, Jou J, Bondre I, McHale M, Eskander R, **Binder P**, Saenz C, Plaxe S. Lymph node evaluation in endometrial cancer patients after the FIRES trial. The 53rd Annual Meeting of Society of Gynecologic Oncology in Phoenix, Arizona, in March, 2022.
- Coakley K, Hom-Tedla MS, Saenz C, **Binder P**, McHale M, Eskander R, Plaxe S. Higher US COVID-19 hospitalizations are associated with compromised endometrial cancer care; 20% fewer patients were treated surgically during the first year of the pandemic. The 53rd Annual Meeting of Society of Gynecologic Oncology in Phoenix, Arizona in March, 2022.

Invited Presentations

- Curio Science: Opinions in Cervical Cancer Workshop. September 15, 2022.

ESKANDER, Ramez

Peer-Reviewed Research Publications

- 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.
- Bhavana Pothuri, **Ramez N. Eskander**, Leslie M. Randall, David M. O'Malley, Brian Slomovitz, Kathleen N. Moore, Thomas J. Herzog, Robert L. Coleman, Larry J. Copeland, Bradley J. Monk, Practice changing cervical cancer clinical trials, *Gynecologic Oncology*, 2022,ISSN 0090-8258, <https://doi.org/10.1016/j.ygyno.2022.03.004>. (**co-first author**).
- O'Cearbhaill RE, Clark L, **Eskander RN**, Gaillard S, Moroney J, Pereira E, Pothuri B. Immunotherapy toxicities: An SGO clinical practice statement. *Gynecol Oncol.* 2022 Jul;166(1):25-35. doi: 10.1016/j.ygyno.2022.05.003. Epub 2022 May 18. PMID: 35597686.
- Louie BH, Kato S, Kim KH, Lim HJ, Okamura R, **Eskander RN**, Botta G, Patel H, Lee S, Lippman SM, Sicklick JK, Kurzrock R. Pan-cancer molecular tumor board experience with biomarker-driven precision immunotherapy. *NPJ Precis Oncol.* 2022 Sep 22;6(1):67. doi: 10.1038/s41698-022-00309-0. PMID: 36138116; PMCID: PMC9500013.
- Ghani MA, Liao J, **Eskander R**, Mell L, Yusufaly T, Obrzut S. Imaging Biomarkers and Liquid Biopsy in Assessment of Cervical Cancer. *J Comput Assist Tomogr.* 2022 Sep-Oct 01;46(5):707-715. doi: 10.1097/RCT.0000000000001358. Epub 2022 Aug 16. PMID: 35995483; PMCID: PMC9474655.
- Hinestrosa JP, Kurzrock R, Lewis JM, Schork NJ, Schroeder G, Kamat AM, Lowy AM, **Eskander RN**, Perrera O, Searson D, Rastegar K, Hughes JR, Ortiz V, Clark I, Balcer HI, Arakelyan L, Turner R, Billings PR, Adler MJ, Lippman SM, Krishnan R. Early-stage multi-cancer detection using an extracellular vesicle protein-based blood

test. Commun Med (Lond). 2022 Mar 17;2:29. doi: 10.1038/s43856-022-00088-6. PMID: 35603292; PMCID: PMC9053211.

Abstracts

- Marianne S. Hom-Tedla, Katherine Coakley, Michael McHale, Cheryl Saenz, Steven Plaxe, Pratibha S. Binder, Terry Harrison, Marni B. Jacobs, **Ramez N. Eskander**, 21 MLH1 promoter hypermethylation among mismatch repair deficient, high-intermediate risk, endometrial cancer patients is associated with differences in prognostic factors, Gynecologic Oncology Reports, Volume 44, Supplement 2, 2022, Pages S9-S10, ISSN 2352-5789, [https://doi.org/10.1016/S2352-5789\(22\)00233-8](https://doi.org/10.1016/S2352-5789(22)00233-8).
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- Katherine Coakley, Marianne S. Hom-Tedla, Steven Plaxe, Pratibha S. Binder, **Ramez N. Eskander**, Cheryl Saenz, Michael McHale, 7 Hysterectomies for endometrial hyperplasia decreased during the first year of the COVID-19 pandemic: where have all the patients gone? Gynecologic Oncology Reports, Volume 44, Supplement 2, 2022, Page S4, ISSN 2352-5789, [https://doi.org/10.1016/S2352-5789\(22\)00219-3](https://doi.org/10.1016/S2352-5789(22)00219-3).
(<https://www.sciencedirect.com/science/article/pii/S2352578922002193>)
- Ana Oaknin, Floor J. Backes, Els Van Nieuwenhuysen, **Ramez N. Eskander**, Antonio Gonz lez-Martin, Vicky Makker, Christian Marth, Manish Patel, Richard T. Penson, Andres Redondo, Maria Jesus Rubio Perez, Erika Hamilton, Nicole Concin Alex McNees, Kenton Wride, Denise Lepley, Rachel Dusek, Terri Cameron, Sandro Pignata. LIO-1: Initial Phase 2 Experience of Lucitanib + Nivolumab in Patients With Metastatic or Recurrent Cervical Cancer (NCT04042116; ENGOT-GYN3/AGO/LIO). Society of Gynecologic Oncology March 2022 Annual Meeting.
- Bixel KL, Leitao MM, Chase DM, Quick A, Lim PC, **Eskander RN**, et al. GOG-3043 (NCT04831580): A RANDOMIZED NON-INFERIORITY TRIAL OF ROBOTIC VERSUS OPEN RADICAL HYSTERECTOMY FOR EARLY STAGE CERVICAL CANCER (ROCC). International Gynecologic Cancer Society Annual Meeting. Sept 2022.
- Robert W. Holloway, Premal H. Thaker, Alberto A. Mendivil, Sarfraz Ahmad, Maria C. Bell, Setsuko K. Chambers, John K. Chan, Robert L. Coleman, Sarah M. Crafton, Erin Crane, **Ramez Eskander**, et al. PHASE 3 STUDY OF EFFICACY & SAFETY OF OLVI-VEC AND PLATINUM-DOUBLET + BEVACIZUMAB COMPARED TO PLATINUM-DOUBLET + BEVACIZUMAB IN PLATINUM-RESISTENT/REFRACTORY OVARIAN CANCER (ONPRIME; GOG-3076) [NCT05281471]. International Gynecologic Cancer Society Annual Meeting. Sept 2022
- David O'Malley, Athina Christopouloi, Myong Cheol Lim, John Diaz, Fuat Demirkiran, Michelle Wilson, Andrea Jewell, Vit Drochyttek, Paule Bassette, Robert Morris, Toon Van Gorp, Linda Van Le, Gabriel Lindahl, **Ramez**

Eskander, et. al. Efficacy Analysis by Disease Risk Subgroup for the Maintenance Phase 3 ATHENA-MONO Study (GOG-3020/ENGOT-OV45) Evaluating Rucaparib Maintenance Treatment in Patients with newly Diagnosed Ovarian Cancer. International Gynecologic Cancer Society Annual Meeting. Sept 2022.

- Stepping Up: Creation of a Resident-Driven Program to Promote Leadership and Professional Growth. C Zachek, **R Eskander**, DY LaCoursiere. CREOG-APGO Annual Meeting, 2022.

Invited Presentations

- Discussion Den. Stepping Up: Creation of a Resident-Driven Program to Promote Leadership and Professional Growth. Christine Zachek, MD, MPH, **Ramez Eskander, MD**, D. Yvette LaCoursiere, MD, MPH. CREOG-APGO Annual Meeting, 3/2022.
- International Gynecologic Cancer Society (IGCS) Tumor Board (virtual). Management of Advanced Stage and Recurrent Endometrial Cancer. June 2022.
- Johns Hopkins Endometrial Cancer Symposium. Invited speaker - Clinical Trials and Development in Advanced Stage, Chemotherapy Naïve Endometrial Cancer. July 2022.
- International Gynecologic Cancer Society (IGCS) Annual Meeting. Clear Cell Ovarian Cancer: A Persistent Unmet Medical Need. Sept 2022.
- International Gynecologic Cancer Society (IGCS) Annual Meeting. Platinum Sensitive Ovarian Cancer. Unmet Medical Need Beyond PARP inhibitors. Oct 2022.

Honors and Awards

- San Diego Top Doc in Obstetrics and Gynecology (2022)
- Castle Connolly Top Doctor in Gynecologic Oncology (2022) – Awarded to only 7% of physicians nationally

MCHALE, Michael

Peer-Reviewed Research Publications

- Lheureux S, Matei DE, Konstantinopoulos PA, Wang BX, Gadalla R, Block MS, Jewell A, Gaillard SL, **McHale M**, McCourt C, Temkin S, Girda E, Backes FJ, Werner TL, Duska L, Kehoe S, Colombo I, Wang L, Li X, Wildman R, Soleimani S, Lien S, Wright J, Pugh T, Ohashi PS, Brooks DG, Fleming GF. Translational randomized phase II trial of cabozantinib in combination with nivolumab in advanced, recurrent, or metastatic endometrial cancer. J

Immunother Cancer. 2022 Mar;10(3):e004233. doi: 10.1136/jitc-2021-004233. PMID: 35288469; PMCID: PMC8921950.

- Reeves JJ, Longhurst CA, Mekeel KL, Goldhaber NH, Clay BJ, Waterman RS, Rhodes LP, **McHale M**, Clary BM. A Novel Fellowship in Perioperative Administration, Quality and Informatics: A Pilot Experience for Training Surgical Leaders. *J Surg Educ*. 2022 Jul-Aug;79(4):839-844. doi: 10.1016/j.jsurg.2022.03.007. Epub 2022 Apr 9. PMID: 35414475.
- Kotha NV, Williamson CW, Marra KV, **McHale M**, Mell LK, Mayadev JS. Incomplete cisplatin regimens in chemoradiation and its effect on outcomes for locally advanced cervical cancer. *Int J Gynecol Cancer*. 2022 Dec 5;32(12):1540-1548. doi: 10.1136/ijgc-2022-003766. PMID: 36202426.
- Brodsky AL, Hom-Tedla M, Fadare O, **McHale MT**. Persistent trophoblastic atypia on endocervical curettage found to be an epithelioid trophoblastic Tumor: A case report and review of the literature. *Gynecol Oncol Rep*. 2022 May 5;41:100994. doi: 10.1016/j.gore.2022.100994. PMID: 35574244; PMCID: PMC9092518.
- Ozmadenci D, Shankara Narayanan JS, Andrew J, Ojalill M, Barrie AM, Jiang S, Iyer S, Chen XL, Rose M, Estrada V, Molinolo A, Bertotto T, Mikulski Z, **McHale MC**, White RR, Connolly DC, Pachter JA, Kuchroo VK, Stupack DG, Schlaepfer DD. Tumor FAK orchestrates immunosuppression in ovarian cancer via the CD155/TIGIT axis. *Proc Natl Acad Sci U S A*. 2022 Apr 26;119(17):e2117065119. doi: 10.1073/pnas.2117065119. Epub 2022 Apr 25. PMID: 35467979; PMCID: PMC9169934.
- Armstrong DK, Alvarez RD, Backes FJ, Bakkum-Gamez JN, Barroilhet L, Behbakht K, Berchuck A, Chen LM, Chitiyo VC, Cristea M, DeRosa M, Eisenhauer EL, Gershenson DM, Gray HJ, Grisham R, Hakam A, Jain A, Karam A, Konecny GE, Leath CA III, Leiserowitz G, Liu J, Martin L, Matei D, **McHale M**, McLean K, Miller DS, Percac-Lima S, Remmenga SW, Schorge J, Stewart D, Thaker PH, Vargas R, Hendrickson AW, Werner TL, Zsiros E, Dwyer MA, Hang L. NCCN Guidelines® Insights: Ovarian Cancer, Version 3.2022. *J Natl Compr Canc Netw*. 2022 Sep;20(9):972-980. doi: 10.6004/jnccn.2022.0047. PMID: 36075393.
- 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

- Marianne S. Hom-Tedla, Katherine Coakley, **Michael McHale**, Cheryl Saenz, Steven Plaxe, Pratibha S. Binder, Terry Harrison, Marni B. Jacobs, Ramez N. Eskander, 21 MLH1 promoter hypermethylation among mismatch repair deficient, high-intermediate risk, endometrial cancer patients is associated with differences in prognostic factors, Gynecologic Oncology Reports, Volume 44, Supplement 2, 2022, Pages S9-S10, ISSN 2352-5789, [https://doi.org/10.1016/S2352-5789\(22\)00233-8](https://doi.org/10.1016/S2352-5789(22)00233-8).
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- Allison Brodsky, **Michael McHale**, Steven Plaxe, Comparison of rates of vaginal brachytherapy vs. external beam radiation post-hysterectomy for endometrial cancer patients in rural vs. urban settings (459), Gynecologic Oncology, Volume 166, Supplement 1, 2022, Page S229, ISSN 0090-8258, [https://doi.org/10.1016/S0090-8258\(22\)01681-X](https://doi.org/10.1016/S0090-8258(22)01681-X). (<https://www.sciencedirect.com/science/article/pii/S009082582201681X>)
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Invited Presentations

- Jou J, Tang M, **McHale M**. Surgical coaching versus self-practice with a robotic surgery simulator to improve surgical skills: a randomized controlled trial. Oral, CREOG & APGO Annual Meeting, Orlando, FL. March, 2022.

Peer-Reviewed Research Publications

- Moore KN, Chambers SK, Hamilton EP, Chen LM, Oza AM, Ghamande SA, Konecny GE, **Plaxe SC**, Spitz DL, Geenen JJJ, Troso-Sandoval TA, Cragun JM, Rodrigo Imedio E, Kumar S, Mugundu GM, Lai Z, Chmielecki J, Jones SF, Spigel DR, Cadoo KA. Adavosertib with Chemotherapy in Patients with Primary Platinum-Resistant Ovarian, Fallopian Tube, or Peritoneal Cancer: An Open-Label, Four-Arm, Phase II Study. *Clin Cancer Res.* 2022 Jan 1;28(1):36-44. doi: 10.1158/1078-0432.CCR-21-0158. Epub 2021 Oct 13. PMID: 34645648.
- Dasanu CA, Kaur J, Farrell S, Plaxe SC. Kappa light chain restriction correlates with peripheral neuropathy in patients with non-IgM monoclonal gammopathy of undetermined significance. *Eur J Haematol.* 2022 Jan;108(1):86-87. doi: 10.1111/ejh.13716. Epub 2021 Nov 3. PMID: 34624145.
- 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.
- Barton DL, Pugh SL, Ganz PA, **Plaxe SC**, Koontz BF, Carter J, Greyz-Yusupov N, Page SJ, Rowland KM Jr, Balcueva EP, Nabeel S, Basil JB, Hill ML, Muller CY, Bell MC, Deshmukh S, Kachnic LA. Randomized Controlled Phase II Evaluation of Two Dose Levels of Bupropion Versus Placebo for Sexual Desire in Female Cancer Survivors: NRG-CC004. *J Clin Oncol.* 2022 Feb 1;40(4):324-334. doi: 10.1200/JCO.21.01473. Epub 2021 Dec 9. PMID: 34882500; PMCID: PMC8797544.

Abstracts

- Allison Brodsky, Michael McHale, **Steven Plaxe**, Comparison of rates of vaginal brachytherapy vs. external beam radiation post-hysterectomy for endometrial cancer patients in rural vs. urban settings (459), *Gynecologic Oncology*, Volume 166, Supplement 1,2022, Page S229, ISSN 0090-8258, [https://doi.org/10.1016/S0090-8258\(22\)01681-X](https://doi.org/10.1016/S0090-8258(22)01681-X). (<https://www.sciencedirect.com/science/article/pii/S009082582201681X>)

- Marianne S. Hom-Tedla, Katherine Coakley, Michael McHale, Cheryl Saenz, **Steven Plaxe**, Pratibha S. Binder, Terry Harrison, Marni B. Jacobs, Ramez N. Eskander, 21 MLH1 promoter hypermethylation among mismatch repair deficient, high-intermediate risk, endometrial cancer patients is associated with differences in prognostic factors, Gynecologic Oncology Reports, Volume 44, Supplement 2, 2022, Pages S9-S10, ISSN 2352-5789, [https://doi.org/10.1016/S2352-5789\(22\)00233-8](https://doi.org/10.1016/S2352-5789(22)00233-8).
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Invited Presentations

- SGO program directors meeting - ABOG update
- SGO business meeting - ABOG update

Honors and Awards

- Division director ABOG gynecologic oncology division
- Director, American Board of Obstetrics and Gynecology

Peer-Reviewed Research Publications

- 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.

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- Marianne S. Hom-Tedla, Katherine Coakley, Michael McHale, **Cheryl Saenz**, Steven Plaxe, Pratibha S. Binder, Terry Harrison, Marni B. Jacobs, Ramez N. Eskander, 21 MLH1 promoter hypermethylation among mismatch repair deficient, high-intermediate risk, endometrial cancer patients is associated with differences in prognostic factors, *Gynecologic Oncology Reports*, Volume 44, Supplement 2, 2022, Pages S9-S10, ISSN 2352-5789, [https://doi.org/10.1016/S2352-5789\(22\)00233-8](https://doi.org/10.1016/S2352-5789(22)00233-8).
(<https://www.sciencedirect.com/science/article/pii/S2352578922002338>)
- Katherine Coakley, Marianne S. Hom-Tedla, Steven Plaxe, Pratibha S. Binder, Ramez N. Eskander, **Cheryl Saenz**, Michael McHale, 7 Hysterectomies for endometrial hyperplasia decreased during the first year of the COVID-19 pandemic: where have all the patients gone? *Gynecologic Oncology Reports*, Volume 44, Supplement 2, 2022, Page S4, ISSN 2352-5789, [https://doi.org/10.1016/S2352-5789\(22\)00219-3](https://doi.org/10.1016/S2352-5789(22)00219-3).
(<https://www.sciencedirect.com/science/article/pii/S2352578922002193>)
- Brodsky A, Pemmaraju A, Mesina O, **Saenz CC**, Eskander R, McHale MT, Plaxe SC, Binder PS. Narcotic Waste in the Operating Room and immediately Post-operatively in Gynecologic Oncology patients. The 53rd Annual Meeting of Society of Gynecologic Oncology in Phoenix, Arizona, in March, 2022.
- Hom-Tedla MS, Coakley K, Charo L, Jou J, Bondre I, McHale M, Eskander R, Binder P, **Saenz C**, Plaxe S. Lymph node evaluation in endometrial cancer patients after the FIRES trial. The 53rd Annual Meeting of Society of Gynecologic Oncology in Phoenix, Arizona, in March, 2022.
- Coakley K, Hom-Tedla MS, **Saenz C**, Binder P, McHale M, Eskander R, Plaxe S. Higher US COVID-19 hospitalizations are associated with compromised endometrial cancer care; 20% fewer patients were treated surgically during the first year of the pandemic. The 53rd Annual Meeting of Society of Gynecologic Oncology in Phoenix, Arizona in March, 2022.

SCHLAEPFER, David

Peer-Reviewed Research Publications

- Ozmadenci D, Shankara Narayanan JS, Andrew J, Ojalill M., Barrie AM, Jiang S, Iyer S, Chen XL, Rose M, Estrada V, Molinolo A, Bertotto T, Mikulski Z, McHale MC, White RR, Connolly DC, Pachter JA, Kuchroo VK, Stupack DG, and **Schlaepfer DD** (2022). Tumor FAK Orchestrates Immunosuppression in Ovarian Cancer via the CD155/TIGIT axis. *Proceedings of the National Academy of Science, USA* 119 (17) DOI: 10.1073/pnas.2117065119. PMID: PMC9169934.

STUPACK, Dwayne

Peer-Reviewed Research Publications

- Ozmadenci D, Shankara Narayanan JS, Andrew J, Ojalill M, Barrie AM, Jiang S, Iyer S, Chen XL, Rose M, Estrada V, Molinolo A, Bertotto T, Mikulski Z, McHale MC, White RR, Connolly DC, Pachter JA, Kuchroo VK, **Stupack DG**, Schlaepfer DD. Tumor FAK orchestrates immunosuppression in ovarian cancer via the CD155/TIGIT axis. *Proc Natl Acad Sci U S A*. 2022 Apr 26;119(17):e2117065119. doi: 10.1073/pnas.2117065119. Epub 2022 Apr 25. PMID: 35467979; PMID: PMC9169934.
- Contadini C, Ferri A, Di Martile M, Cirotti C, Del Bufalo D, De Nicola F, Pallocca M, Fanciulli M, Sacco F, Donninelli G, Capone A, Volpe E, Keller N, Miki S, Kawauchi D, **Stupack D**, Furnari F, Barilà D. Caspase-8 as a novel mediator linking Src kinase signaling to enhanced glioblastoma malignancy. *Cell Death Differ*. 2022 Dec 2. doi: 10.1038/s41418-022-01093-x. Epub ahead of print. PMID: 36460775.

Review Articles and Book Chapters (Peer-reviewed)

- Tan K, **Stupack DG***, Wilkinson MF. Nonsense-mediated RNA decay: an emerging modulator of malignancy. *Nat Rev Cancer*. 2022 Aug;22(8):437-451. doi: 10.1038/s41568-022-00481-2. Epub 2022 May 27. PMID: 35624152. (Co)Corresponding Author

Invited Presentations

- “Towards a Mouse Model of Adult Granulosa Cell Tumors,” Department of Obstetrics, Gynecology and Reproductive Medicine Research Retreat. September 2022.

Honors and Awards

- Co-Director, T32 Training Program (UC San Diego Moores Cancer Center) 2022-2027.
- Review Panel Chair, CDMRP Ovarian Cancer Program

HOSPITALIST

Scholarly work involved multiple members of this division:

Abstracts

- **A Sutton**, M Shankar, E Buckner, A Meadows, **Y LaCoursiere**. Increasing Medical Student Knowledge and Confidence in Applying the Reproductive Justice Framework. SASGOG Annual Meeting, 2022.
- Shankar M, Buckner E, Meadows A, **LaCoursiere Y**, **Sutton A**. Medical Student Knowledge and Attitudes on a Required Reproductive Justice Curriculum. Poster presentation at: National Society of General Internal Medicine. April 2022; Orlando, FL.

CORMANO, Julia

Invited Presentations

- US News & World Report: What is an Ectopic Pregnancy, April 2022

Honors and Awards

- UC San Diego School of Medicine MS3 Kaiser Excellence in Teaching Award, 2022

HARVEY, Scott

Invited Presentations

- Society of Critical Care Medicine's Fundamentals of Critical Care Support: Obstetrics – University of California, San Diego. Course Director and Instructor 10/2022
- Maternal Fetal Medicine Lecture on Coagulopathy and Postpartum Hemorrhage, UC San Diego Health, San Diego, CA 10/2022
- Betterment Series: PGY4 practical and didactic lecture on Forceps, UC San Diego Health, San Diego, CA 7/2022
- OBII School: Mock Oral Board Examination, UC San Diego Health, San Diego, CA 7/2022

- OBII School Obstetric Hemorrhage and Coagulopathy: lecture to obstetric residents. UC San Diego Health, San Diego, CA 6/2022
- Physiology and Pathophysiology of Maternal Hemorrhage: From Hemostasis in Pregnancy to Abnormal Placentation, congress online presentation at Society of Critical Care Medicine Annual Congress 4/2022
- Family Centered Support for Pregnant Women with Adult Congenital Heart Disease, congress online presentation at Society of Critical Care Medicine Annual Congress 4/2022

Honors and Awards

- APGO Excellence in Teaching Award. The Association of Professors of Gynecology and Obstetrics and the Department of Obstetrics, Gynecology, and Reproductive Sciences recognized excellence in resident teaching in obstetrics. Department of Obstetrics, Gynecology, and Reproductive Sciences, San Diego, CA 6/2022

HOANG, Mai

Review Articles and Book Chapters (Peer-reviewed)

- Hoang M. Finding Hope. ACOG Membership and Fellowship. May 31, 2022.
- Hoang M. Honoring Black Health Through Counseling. ACOG Membership and Fellowship. Mar 1, 2022.

LACOURSIERE, Yvette

Peer-Reviewed Research Publications

- 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. Paediatr Perinat Epidemiol. 2022 May;36(3):370-379. doi: 10.1111/ppe.12858. Epub 2022 Feb 2. PMID: 35107830.
- Williams BR, Burgio KL, Hebert-Beirne J, James A, Kenton K, **LaCoursiere DY**, Rickey L, Brady SS, Kane Low L, Newman DK; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. A multisite focus group study of US adult women's beliefs and assumptions about bladder health and function. NeuroUrol Urodyn. 2022 Sep;41(7):1590-1600. doi: 10.1002/nau.25006. Epub 2022 Jul 12. PMID: 35819129.

Review Articles and Book Chapters (Peer-reviewed)

- Rickey LM, Camenga DR, Williams BR, Wyman JF, Smith AL, **LaCoursiere DY**, James AS, Lavender MD, Low LK. Women's Knowledge of Bladder Health: What We have Learned in the Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Current Bladder Dysfunction Reports. Published online. May 25, 2022.

Abstracts

- Delker E, Ramos GA, Bandoli G, **LaCoursiere Y**, Ferran K, Gallo L, Oren E, Gahagan S, Ramos SG, Allison M. Associations between preconception glycaemia and preterm birth and the role of healthcare utilization. SMFM Annual Meeting 2022.
- Stepping Up: Creation of a Resident-Driven Program to Promote Leadership and Professional Growth. C Zachek, R Eskander, **DY LaCoursiere**. CREOG-APGO Annual Meeting, 2022.
- A Departmental Model for Anti-Racism Activities. S Ghebrendrias, L Brubaker, M Morales, **Y LaCoursiere**. SASGOG Annual Meeting, 2022.
- A Sutton, M Shankar, E Buckner, A Meadows, **Y LaCoursiere**. Increasing Medical Student Knowledge and Confidence in Applying the Reproductive Justice Framework. SASGOG Annual Meeting, 2022.
- Shankar M, Buckner E, Meadows A, **LaCoursiere Y**, Sutton A. Medical Student Knowledge and Attitudes on a Required Reproductive Justice Curriculum. Poster presentation at: National Society of General Internal Medicine. April 2022; Orlando, FL.

Invited Presentations

- Shankar M, Buckner E, Meadows A, **LaCoursiere Y**, Sutton A. Medical Student Knowledge and Attitudes on a Required Reproductive Justice Curriculum. Poster presentation at: National Society of General Internal Medicine. April 2022; Orlando, FL.
- Sutton A, Shankar M, Buckner E, Meadows A, **Lacoursiere Y**. "Increasing Medical Student Knowledge and Confidence in Applying the Reproductive Justice Framework." Poster presentation at Society of Academic Specialists in General Obstetrics and Gynecology. May 2022; San Diego, CA.
- Academic Specialists in General Obstetrics and Gynecology: Who Are We? Association of Managers of Gynecology and Obstetrics Annual Meeting, Chicago, IL, Sep 2022.
- Managing Obesity in Pregnancy and a Few Tricks to Keep Up Your Sleeve. Southern California Permanente Medical Group. 65th Annual T. Hart Baker, MD OB/GYN Symposium. Sep 2022.

- The Tripartite Path of an Academic Generalist. Department of Obstetrics, Gynecology and Reproductive Sciences, Faculty Research Retreat, Sep 2022.
- Educational Updates. UC San Diego Department of Obstetrics, Gynecology and Reproductive Sciences, Education Retreat, Aug 2022.
- Discussion Den. Stepping Up: Creation of a Resident-Driven Program to Promote Leadership and Professional Growth. Christine Zachek, MD, MPH, Ramez Eskander, MD, **D. Yvette LaCoursiere, MD, MPH**. CREOG-APGO Annual Meeting, 3/2022.

Honors and Awards

- Competitive Renewal - Prevention of LUTS: Bladder Health Clinical Center UC San Diego Site, U01, National Institutes of Health National Institute of Diabetes and Digestive and Kidney Diseases – Co-Investigator, Principal Investigator Emily Lukacz, 7/2020-25
- UC San Diego Health, Physician Star Rating, “5 Stars” (12 month rolling average), 2022
- Dean’s Award for Excellence in Teaching, Nominee, 2022
- “Top Doc” *San Diego Magazine* “Physicians of Exceptional Excellence,” 2022
- Obstetrics & Gynecology Residency Program Funding, CalMedForce. \$440,000 2020-24

SUTTON, Alice

Abstracts

- Increasing Medical Student Knowledge and Confidence in Applying the Reproductive Justice Framework. **A Sutton**, M Shankar, E Buckner, A Meadows, Y LaCoursiere. SASGOG Annual Meeting, 2022.
- Shankar M, Buckner E, Meadows A, LaCoursiere Y, **Sutton A**. Medical Student Knowledge and Attitudes on a Required Reproductive Justice Curriculum. Poster presentation at: National Society of General Internal Medicine. April 2022; Orlando, FL.

Invited Presentations

- Swor E, Sutton A, Mowers E, Bell C. “Addressing the Elephant in the room: Making the Leap: Transition to Practice.” Breakout Session at: Association of Professors of Gynecology and Obstetrics. March 2022; Orlando FL.

- Shankar M, Buckner E, Meadows A, LaCoursiere Y, **Sutton A**. Medical Student Knowledge and Attitudes on a Required Reproductive Justice Curriculum. Poster presentation at: National Society of General Internal Medicine. April 2022; Orlando, FL.
- **Sutton A**, Shankar M, Buckner E, Meadows A, Lacoursiere Y. “Increasing Medical Student Knowledge and Confidence in Applying the Reproductive Justice Framework.” Poster presentation at Society of Academic Specialists in General Obstetrics and Gynecology. May 2022; San Diego, CA.
- **Sutton, Alice**. “OB Sepsis: A Brief Review and Outcomes after Implementing the CMQCC Toolkit.” Webinar at the University of California Sepsis Week event. September 2022; San Diego, CA.

Honors and Awards

- SASGOG Faculty Award 6/2022

MATERNAL-FETAL MEDICINE

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Madden N, **Emeruwa UN**, Polin M, Bejerano S, **Gyamfi-Bannerman C**, Booker WA. SARS-CoV-2 and hypertensive disease in pregnancy. *American Journal of Obstetrics & Gynecology MFM*. 2022;4:1.
- Karthikeyan S, Levy JI, De Hoff P, Humphrey G, Birmingham A, Jepsen K, Farmer S, Tubb HM, Valles T, Tribelhorn CE, Tsai R, Aigner S, Sathe S, Moshiri N, Henson B, Mark AM, Hakim A, Baer NA, Barber T, Belda-Ferre P, Chacón M, Cheung W, Cresini ES, Eisner ER, Lastrella AL, Lawrence ES, Marotz CA, Ngo TT, Ostrander T, Plascencia A, Salido RA, Seaver P, Smoot EW, McDonald D, Neuhard RM, Scioscia AL, Satterlund AM, Simmons EH, Abelman DB, Brenner D, Bruner JC, Buckley A, Ellison M, Gattas J, Gonias SL, Hale M, Hawkins F, Ikeda L, Jhaveri H, Johnson T, Kellen V, Kremer B, Matthews G, McLawhon RW, Ouillet P, Park D, Pradenas A, Reed S, Riggs L, Sanders A, Sollenberger B, Song A, White B, Winbush T, Aceves CM, Anderson C, Gangavarapu K, Hufbauer E, Kurzban E, Lee J, Matteson NL, Parker E, Perkins SA, Ramesh KS, Robles-Sikisaka R, Schwab MA, Spencer E, Wohl S, Nicholson L, McHardy IH, Dimmock DP, Hobbs CA, Bakhtar O, Harding A, Mendoza A, Bolze A, Becker D, Cirulli ET, Isaksson M, Schiabor Barrett KM, Washington NL, Malone JD, Schafer AM, Gurfield N, Stous S, Fielding-Miller R, Garfein RS, Gaines T, Anderson C, Martin NK, Schooley R, Austin B, MacCannell DR, Kingsmore SF, Lee W, Shah S, McDonald E, Yu AT, Zeller M, **Fisch KM**, Longhurst C, Maysent P, Pride D, Khosla PK, **Laurent LC**, Yeo GW, Andersen KG, Knight R. Wastewater sequencing reveals early cryptic SARS-CoV-2 variant transmission. *Nature*. 2022 Sep;609(7925):101-108. doi: 10.1038/s41586-022-05049-6. Epub 2022 Jul 7. PubMed PMID: 35798029; PubMed Central PMCID: PMC9433318.
- Berardi G, Frey-Law L, Sluka KA, Bayman EO, Coffey CS, Ecklund D, Vance CGT, Dailey DL, Burns J, Buvanendran A, McCarthy RJ, Jacobs J, Zhou XJ, Wixson R, Balach T, Brummett CM, Clauw D, Colquhoun D, Harte SE, Harris RE, Williams DA, Chang AC, Waljee J, **Fisch KM**, Jepsen K, **Laurent LC**, Olivier M, Langefeld CD, Howard TD, Fiehn O, Jacobs JM, Dakup P, Qian WJ, Swensen AC, Lokshin A, Lindquist M, Caffo BS, Crainiceanu C, Zeger S, Kahn A, Wager T, Taub M, Ford J, Sutherland SP, Wandner LD. Multi-Site Observational Study to Assess Biomarkers for Susceptibility or Resilience to Chronic Pain: The Acute to Chronic Pain Signatures (A2CPS) Study Protocol. *Frontiers in Medicine*. 2022; 9:849214. doi: 10.3389/fmed.2022.849214. eCollection 2022. PubMed PMID: 35547202; PubMed Central PMCID: PMC9082267.
- Moshiri N, **Fisch KM**, Birmingham A, DeHoff P, Yeo GW, Jepsen K, **Laurent LC**, Knight R. The ViReflow pipeline enables user friendly large scale viral consensus genome reconstruction. *Scientific Reports*. 2022 Mar

24;12(1):5077. doi: 10.1038/s41598-022-09035-w. PubMed PMID: 35332213; PubMed Central PMCID: PMC8943356.

- Horii, M, To C, Morey R, **Jacobs MB**, Li Y, Nelson KK, Meads M, Siegel BA, Pizzo D, Adami R, Zhang-Rutledge K, **Lamale-Smith L**, **Laurent LC**, Parast MM. Histopathologic and transcriptome profiling identify novel trophoblast defects in preeclampsia with maternal vascular malperfusion. *Modern Pathology*. In Press.
- Waks AB, Martinez-King LC, Santiago G, **Laurent LC**, **Jacobs MB**. Developing a risk profile for spontaneous preterm birth and short interval to delivery among patients with threatened preterm labor. *American Journal of Obstetrics & Gynecology Maternal-Fetal Medicine*. Online ahead of print August 19, 2022. [PMID: 35995363]
- Green S, Pretorius DH, Crouch A, Anton T, **Jacobs M**, Ho Y, Herver R, **Lamale-Smith L**. What are the double lines on the fetal cavum septi pellucidi on ultrasound? *Journal of Ultrasound in Medicine*. 2022; 41: 1907-1914. [PMID: 34751464]
- Morrill SR, Agarwal K, Saha S, **Lewis WG**, Gilbert NM, **Lewis AL**. Models of Murine Vaginal Colonization by Anaerobically Grown Bacteria. *J Vis Exp*. 2022 May 25;(183). doi: 10.3791/64032. PMID: 35695538.
- Desai M., Zhou B., Nalawade V., Murphy JD, Veeravalli N, Henk H, **Gyamfi-Bannerman C**, Whitcomb B, **Su HI**. Maternal Comorbidity and Adverse Perinatal Outcomes in Adolescent and Young Adult Cancer Survivors: a Cohort Study. *British Journal of Obstetrics and Gynecology*, in press.

Review Articles and Book Chapters (Peer-reviewed)

- **Emeruwa UN**, **Gyamfi-Bannerman C**, Miller RS. Health Care Disparities in the COVID-19 Pandemic in the United States: A Focus on Obstetrics. *Clinical Obstetrics and Gynecology*. 2022;65:123-133.

Abstracts

- **Emeruwa UN**, Çapi A, **Gyamfi-Bannerman C**. Incidence of and risk factors for de novo postpartum hypertension. *American Journal of Obstetrics & Gynecology*. 2022;226(1):S763-S764.
- Ona S, Purisch S, Reed-Weston AE, Bejerano S, Chen C, **Emeruwa UN**, Hairston JC, Arditi B, Dumitriu D, Turitz A, **Gyamfi-Bannerman C**. Optimal timing of postpartum oxytocin administration with universal delayed cord clamping-Parallel randomized trials. *American Journal of Obstetrics & Gynecology*. 2022;226(1):S482-3.
- DeHoff, P., **Pantham, P.**, Srinivasan, S., Verma, K., Anyikam, A., Mason, A., Tran, V., Meads, M., Horii, M., To, C., Parast, M., **Laurent, L.**, **Fisch, K.** 2022. Placental tissue miRNA landscape during early, mid and late gestation. Society for Reproductive Investigation 69th Annual Scientific Meeting, Denver, CO. (*poster presentation*)

- Gabby LC,* Jones CK, McIntyre B, **Ramos GA, Jacobs MB**, Parast M. Placental findings in SARS-CoV-2 maternal infection by severity and timing of maternal disease. *Society of Maternal-Fetal Medicine 42nd Annual Pregnancy Meeting*. January 31-February 5, 2022: Orlando, FL.
- **Jacobs MB**, Valentine H, Magallanes C, Adkins S, Morgan SC, Hakim A, DeHoff P, **Laurent LC, Pantham P**. Immune response to SARS-CoV-2 in pregnant and non-pregnant women following infection. *2022 Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting*. June 13-14, 2022: Chicago, IL. *2022 Society for Epidemiologic Research Annual Meeting*. June 14-17, 2022: Chicago, IL.
- Melber DJ, Pinson K, Gabby L, **Jacobs MB, Lamale-Smith L, Tarsa M**. Timely access to fetal anatomy ultrasound surveillance: before and after the start of the COVID-19 pandemic. *Annual Integrative Ultrasound Medicine Meeting*. March 12-16, 2022: San Diego, CA.
- Melber DJ, Brodsky A, Rocha CN, McIntyre BB, **Jacobs MB, Ramos GA**. Vaccination uptake in pregnancy: before and after the start of the COVID-19 pandemic. *Society of Maternal-Fetal Medicine 42nd Annual Pregnancy Meeting*. January 31-February 5, 2022: Orlando, FL.
- Melber DJ, Brodsky AL, Rocha NC, McIntyre BB, **Jacobs MB, Ramos, GA**. Vaccination uptake in pregnancy: before and after the start of the COVID-19 pandemic. Jan 2022, *Am J Obstet Gynecol*;S1:S449.
- Melber DJ, **Pantham P**, Adami RR, Fratto V, Vuppala A, Meads M, Liu TN, Magallanes CG, Martinez-King C, Fernando AN, Tran V, To C, **Jacobs MB**, Afshar Y, Murphy A, Parast MM, Srinivasan S, DeHoff P, **Laurent LC**. Maternal serum miRNAs as biomarkers for abnormal placentation. *Society of Maternal-Fetal Medicine 42nd Annual Pregnancy Meeting*. January 31-February 5, 2022: Orlando, FL.
- Boone CE, Melber D, **Ballas J, Ramos GA, Kelly TF**, McHale MT, Picel AC, Roberts A, Berman Z. Multivessel pelvic embolization during cesarean hysterectomy for placenta accreta spectrum: A single center experience and comparison to internal iliac artery balloon occlusion. *Society Interventional Radiology Annual Meeting 2022*, Boston, MA.
- Waks, A, Pinson P, Melber D, Gudipati S, Anton T, **Tarsa M, Lamale-Smith L**. Modified first trimester ultrasound protocol during COVID: An evaluation of duration and effectiveness. *AIUM Annual Convention, J Ultrasound Med* 41 (suppl S1) S173. June 2022.
- **Pantham P**, De Hoff P, Srinivasan S, Nasamran C, Hakim AM, Castro A, Cortes G, Calambur A, Verma K, Anyikam A, Mason AM, Tran V, Meads M, Horii M, To C, Parast MM*, **Laurent LC***, **Fisch KM***. 2022. "Identification of Placental and Maternal Biofluid miRNA Predictors of Gestational Age in Healthy Pregnancies." University of California, San Diego, San Diego, CA.
- Lindsay-Hewett S, Mason C, Stanley S, Flynn B, **Jacobs M**, Rodriguez-Soto A, Nasamran C, Courtois E, Sivajothi S, Rakow-Penner R, Robson P, Parast M*, **Laurent LC***, **Fisch K*** 2022. "A spatially-resolved multimodal atlas of the human term placenta." University of California, San Diego, La Jolla, CA, USA.

- **Fisch KM**, Goemans SL, Hernandez F, Diaz Luevano C, Canfield D, Horii M, **Laurent LC**, **Jacobs M**, **Woelkers D**, **Gyamfi-Bannerman C**. 2022. “Low Dose Aspirin for Preeclampsia Prevention: Biomarkers of Aspirin Resistance.” University of California, San Diego, La Jolla, CA, USA.
- Pinson K, Mims JR, **Ballas J**, Pettit KE, **Ramos GA**. Maternal race/ethnicity and mode of delivery in twin gestations. ACOG Annual Clinical & Scientific Meeting, May 2022

BALLAS, Jerasimos

Invited Presentations

- Invited Post-Graduate Course Speaker, Society for Maternal-Fetal Medicine Annual Meeting. February 1, 2022. Virtual Conference.
 - Novel Clues for Cesarean Scar Pregnancies
- Post-Graduate Course Co-Director, Society for Maternal-Fetal Medicine Annual Meeting. February 1, 2022. Virtual Conference.
 - Putting the “S” in Fetal Imaging: Screening, Basic to Advanced.
- Director and instructor, Accredited CME Ultrasound course for Family Medicine Residents and Certified Nurse Midwives, Camp Pendleton Naval Hospital, April 28-29, 2022. Oceanside, CA. Jerasimos Ballas, MD, MPH
 - Richard B Wolf Basic Obstetrical and Endovaginal Ultrasound Course

Abstracts

- Pinson K, Mims JR, **Ballas J**, Pettit KE, Ramos GA. Maternal race/ethnicity and mode of delivery in twin gestations. ACOG Annual Clinical & Scientific Meeting, May 2022

EMERUWA, Ukachi

Peer-Reviewed Research Publications

- Madden N, **Emeruwa UN**, Polin M, Bejerano S, Gyamfi-Bannerman C, Booker WA. SARS-CoV-2 and hypertensive disease in pregnancy. American Journal of Obstetrics & Gynecology MFM. 2022;4:1.

Review Articles and Book Chapters (Peer-reviewed)

- **Emeruwa UN**, Gyamfi-Bannerman C, Miller RS. Health Care Disparities in the COVID-19 Pandemic in the United States: A Focus on Obstetrics. *Clinical Obstetrics and Gynecology*. 2022;65:123-133.

Abstracts

- **Emeruwa UN**, Çapi A, Gyamfi-Bannerman C. Incidence of and risk factors for de novo postpartum hypertension. *American Journal of Obstetrics & Gynecology*. 2022;226(1):S763-S764.
- Ona S, Purisch S, Reed-Weston AE, Bejerano S, Chen C, **Emeruwa UN**, Hairston JC, Arditi B, Dumitriu D, Turitz A, Gyamfi-Bannerman C. Optimal timing of postpartum oxytocin administration with universal delayed cord clamping-Parallel randomized trials. *American Journal of Obstetrics & Gynecology*. 2022;226(1):S482-3.

Invited Presentations

- “Discussion panel on Black maternal mortality” **Emeruwa, UN** (Panelist) Touro College of Osteopathic Medicine, OB/GYN Student Organization, SNMA, White Coats 4 Black Lives Collaboration.
- “Sowing seeds: specialty series, OB/GYN” **Emeruwa, UN** (Panelist) Student National Medical Association.
- “Women’s health screening” **Emeruwa, UN** (Keynote Speaker) Association of Owerri Girls’ Secondary School Alumnae, USA, Inc., Biannual Convention.

FISCH, Kathleen

Peer Reviewed Research Publications

- Jones MK, Agarwal D, Mazo KW, Chopra M, Jurlina SL, Dash N, Xu Q, Ogata AR, Chow M, Hill AD, Kambli NK, Xu G, Sasik R, Birmingham A, **Fisch KM**, Weinreb RN, Enke RA, Skowronska-Krawczyk D, Wahlin KJ. Chromatin Accessibility and Transcriptional Differences in Human Stem Cell-Derived Early-Stage Retinal Organoids. *Cells*. 2022 Oct 28;11(21). doi: 10.3390/cells11213412. PubMed PMID: 36359808; PubMed Central PMCID: PMC9657268. *Contribution: Formal analysis, Investigation, Data curation, Methodology, Supervision, Visualization, Writing –original draft, review & editing.*
- Ruoss S, Esparza MC, Vasquez-Bolanos LS, Nasamran CA, **Fisch KM**, Engler AJ, Ward SR. Spatial transcriptomics tools allow for regional exploration of heterogeneous muscle pathology in the pre-clinical rabbit model of rotator cuff tear. *J Orthop Surg Res*. 2022 Oct 4;17(1):440. doi: 10.1186/s13018-022-03326-8. PubMed PMID: 36195913;

PubMed Central PMCID: PMC9531386. *Contribution: Investigation, Methodology, Supervision, Writing – review & editing.*

- Knorr J, Kaufmann B, Inzaugarat ME, Holtmann TM, Geisler L, Hundertmark J, Kohlhepp MS, Boosheri LM, Chilin-Fuentes DR, Birmingham A, **Fisch KM**, Schilling JD, Loosen SH, Trautwein C, Roderburg C, Demir M, Tacke F, Hoffman HM, Feldstein AE, Wree A. Interleukin-18 signaling promotes activation of hepatic stellate cells in mouse liver fibrosis. *Hepatology*. 2022 Sep 4;. doi: 10.1002/hep.32776. [Epub ahead of print] PubMed PMID: 36059147. *Contribution: Methodology, Supervision, Writing – review & editing.*
- Karthikeyan S, Levy JI, De Hoff P, Humphrey G, Birmingham A, Jepsen K, Farmer S, Tubb HM, Valles T, Tribelhorn CE, Tsai R, Aigner S, Sathe S, Moshiri N, Henson B, Mark AM, Hakim A, Baer NA, Barber T, Belda-Ferre P, Chacón M, Cheung W, Cresini ES, Eisner ER, Lastrella AL, Lawrence ES, Marotz CA, Ngo TT, Ostrander T, Plascencia A, Salido RA, Seaver P, Smoot EW, McDonald D, Neuhard RM, Scioscia AL, Satterlund AM, Simmons EH, Abelman DB, Brenner D, Bruner JC, Buckley A, Ellison M, Gattas J, Gonias SL, Hale M, Hawkins F, Ikeda L, Jhaveri H, Johnson T, Kellen V, Kremer B, Matthews G, McLawhon RW, Ouillet P, Park D, Pradenas A, Reed S, Riggs L, Sanders A, Sollenberger B, Song A, White B, Winbush T, Aceves CM, Anderson C, Gangavarapu K, Hufbauer E, Kurzban E, Lee J, Matteson NL, Parker E, Perkins SA, Ramesh KS, Robles-Sikisaka R, Schwab MA, Spencer E, Wohl S, Nicholson L, McHardy IH, Dimmock DP, Hobbs CA, Bakhtar O, Harding A, Mendoza A, Bolze A, Becker D, Cirulli ET, Isaksson M, Schiabor Barrett KM, Washington NL, Malone JD, Schafer AM, Gurfield N, Stous S, Fielding-Miller R, Garfein RS, Gaines T, Anderson C, Martin NK, Schooley R, Austin B, MacCannell DR, Kingsmore SF, Lee W, Shah S, McDonald E, Yu AT, Zeller M, **Fisch KM**, Longhurst C, Maysent P, Pride D, Khosla PK, Laurent LC, Yeo GW, Andersen KG, Knight R. Wastewater sequencing reveals early cryptic SARS-CoV-2 variant transmission. *Nature*. 2022 Sep;609(7925):101-108. doi: 10.1038/s41586-022-05049-6. Epub 2022 Jul 7. PubMed PMID: 35798029; PubMed Central PMCID: PMC9433318. *Contribution: Data Curation, Formal Analysis, Investigation, Methodology, Project Administration, Software, Supervision, Writing – original draft, Writing – review & editing.*
- Rios-Covian D, Butcher LD, Ablack AL, den Hartog G, Matsubara MT, Ly H, Oates AW, Xu G, **Fisch KM**, Ahrens ET, Toden S, Brown CC, Kim K, Le D, Eckmann L, Dhar B, Izumi T, Ernst PB, Crowe SE. A Novel Hypomorphic *Apex1* Mouse Model Implicates Apurinic/Apyrimidinic Endonuclease 1 in Oxidative DNA Damage Repair in Gastric Epithelial Cells. *Antioxidants & Redox Signaling*. 2022 Aug 29;. doi: 10.1089/ars.2021.0119. [Epub ahead of print] PubMed PMID: 35754343. *Contribution: Formal Analysis, Investigation, Methodology, Supervision, Visualization, Writing – original draft, review & editing.*
- Soncin F, Morey R, Bui T, Requena DF, Cheung VC, Kallol S, Kittle R, Jackson MG, Farah O, Dumdie J, Meads M, Pizzo D, Horii M, **Fisch KM**, Parast MM. Derivation of functional trophoblast stem cells from primed human pluripotent stem cells. *Stem Cell Reports*. 2022 May 2; doi: 10.1016/j.stemcr.2022.04.013. PubMed PMID: 35594858.

Contribution: Formal analysis, Investigation, Data curation, Methodology, Software, Visualization, Writing – original draft, review & editing.

- Goyal NP, Rosenthal SB, Nasamran C, Behling CA, Angeles JE, Fishbein MH, Harlow KE, Jain AK, Molleston JP, Newton KP, Ugalde-Nicalo P, Xanthakos SA, Yates K, Schork NJ, **Fisch KM**, Schwimmer JB. Nonalcoholic fatty liver disease risk and histologic severity are associated with genetic polymorphisms in children. *Hepatology*. 2022 May 13;. doi: 10.1002/hep.32570. [Epub ahead of print] PubMed PMID: 35560106; PubMed Central PMCID: PMC9653518. *Contribution: Investigation, Methodology, Supervision, Writing – review & editing.*
- Gabriel RA, Harjai B, Prasad RS, Simpson S, Chu I, **Fisch KM**, Said ET. Machine learning approach to predicting persistent opioid use following lower extremity joint arthroplasty. *Regional Anesthesia & Pain Medicine*. 2022 May; 47(5):313-319. doi: 10.1136/rapm-2021-103299. PubMed PMID: 35115414; PubMed Central PMCID: PMC8961772. *Contribution: Methodology, Writing – review & editing.*
- Berardi G, Frey-Law L, Sluka KA, Bayman EO, Coffey CS, Ecklund D, Vance CGT, Dailey DL, Burns J, Buvanendran A, McCarthy RJ, Jacobs J, Zhou XJ, Wixson R, Balach T, Brummett CM, Clauw D, Colquhoun D, Harte SE, Harris RE, Williams DA, Chang AC, Waljee J, **Fisch KM**, Jepsen K, Laurent LC, Olivier M, Langefeld CD, Howard TD, Fiehn O, Jacobs JM, Dakup P, Qian WJ, Swensen AC, Lokshin A, Lindquist M, Caffo BS, Crainiceanu C, Zeger S, Kahn A, Wager T, Taub M, Ford J, Sutherland SP, Wandner LD. Multi-Site Observational Study to Assess Biomarkers for Susceptibility or Resilience to Chronic Pain: The Acute to Chronic Pain Signatures (A2CPS) Study Protocol. *Frontiers in Medicine*. 2022; 9:849214. doi: 10.3389/fmed.2022.849214. eCollection 2022. PubMed PMID: 35547202; PubMed Central PMCID: PMC9082267. *Contribution: Investigation, Methodology, Writing – original draft, review & editing.*
- Honda A, Hoeksema MA, Sakai M, Lund SJ, Lakhdari O, Butcher LD, Rambaldo TC, Sekiya NM, Nasamran CA, **Fisch KM**, Sajti E, Glass CK, Prince LS. The Lung Microenvironment Instructs Gene Transcription in Neonatal and Adult Alveolar Macrophages. *The Journal of Immunology*. 2022 Apr 15;208(8):1947-1959. doi: 10.4049/jimmunol.2101192. Epub 2022 Mar 30. PubMed PMID: 35354612; PubMed Central PMCID: PMC9012679. *Contribution: Formal analysis, Investigation, Data curation, Methodology, Software, Visualization, Writing – review & editing.*
- Gonzalez CG, Mills RH, Kordahi MC, Carrillo-Terrazas M, Secaira-Morocho H, Widjaja CE, Tsai MS, Mittal Y, Yee BA, Vargas F, Weldon K, Gauglitz JM, Delaroque C, Saucedo C, Rossitto LA, Ackermann G, Humphrey G, Swafford AD, Siegel CA, Buckey JC Jr, Raffals LE, Sadler C, Lindholm P, **Fisch KM**, Valaseck M, Suriawinata A, Yeo GW, Ghosh P, Chang JT, Chu H, Dorrestein P, Zhu Q, Chassaing B, Knight R, Gonzalez DJ, Dulai PS. The Host-Microbiome Response to Hyperbaric Oxygen Therapy in Ulcerative Colitis Patients. *Cellular and Molecular Gastroenterology and Hepatology*. 2022 Apr 1;. doi: 10.1016/j.jcmgh.2022.03.008. PubMed PMID: 35378331.

Contribution: Formal analysis, Investigation, Data curation, Methodology, Software, Visualization, Writing – review & editing.

- Moshiri N, **Fisch KM**, Birmingham A, DeHoff P, Yeo GW, Jepsen K, Laurent LC, Knight R. The ViReflow pipeline enables user friendly large scale viral consensus genome reconstruction. **Scientific Reports**. 2022 Mar 24;12(1):5077. doi: 10.1038/s41598-022-09035-w. PubMed PMID: 35332213; PubMed Central PMCID: PMC8943356. *Contribution: Data curation, Methodology, Writing – review & editing.*

Review Articles and Book Chapters (Peer Reviewed)

- Morey R, Bui T, **Fisch KM**, Horii M. Modeling placental development and disease using human pluripotent stem cells. **Placenta**. 2022 Oct 31;. doi: 10.1016/j.placenta.2022.10.011. [Epub ahead of print] PubMed PMID: 36333266. *Contribution: Investigation, Writing – original draft, review & editing.*

Abstracts

- Flagg, M., Ramsey, C., Califano, J., **Fisch, K.** 2022. Clinicogenomic neural networks with real world evidence: Predicting outcomes and targeting interventions at a comprehensive cancer center. American Society for Human Genetics Annual Meeting, Los Angeles, CA. (*Reviewer's Choice Award, oral and poster presentation*)
- Huang, M., Mark, A., Vera, K., Meydan, C., Foux, J., Butler, D., Mozsary, C., Saravia-Butler, A., Beheshti, A., Mason, C., Jiang, Q., **Fisch, K.** 2022. RNA editing regulates interferon induction in T Cells and Host Immune Response in SARS-CoV-2 Infection. American Society for Human Genetics Annual Meeting, Los Angeles, CA. (*poster presentation*)
- DeHoff, P., Pantham, P., Srinivasan, S., Verma, K., Anyikam, A., Mason, A., Tran, V., Meads, M., Horii, M., To, C., Parast, M., Laurent, L., **Fisch, K.** 2022. Placental tissue miRNA landscape during early, mid and late gestation. Society for Reproductive Investigation 69th Annual Scientific Meeting, Denver, CO. (*poster presentation*)
- Berardi, G., Frey-Law, L., Vance, C., Bayman, E., Coffey, C., Dailey, D., Ecklund, D., Sluka, K., Balach, T., Burns, J., Buvanendran, A., Jacobs, J., McCarthy, R., Wixson, R., Zhou, X., Brummett, C., Chang, A., Clauw, D., Colquhoun, D., Harris, R., Harte, S., Waljee, J., Williams, D., Dakup, P., Fiehn, O., **Fisch, K.**, Howard, T., Jacobs, J., Jepsen, K., Langefeld, C., Laurent, L., Lokshin, A., Olivier, M., Qian, W., Swensen, A., Caffo, B., Crainiceanu, C., Ford, J., Kahn, A., Lindquist, M., Sutherland, S., Taub, M., Wager, T., Johnston, N., Wandner, L., The Acute to Chronic Pain Signatures Consortium. 2022. Acute to Chronic Pain Signatures Program (a2CPS): Implementattion of remote training for a multisite observation study during COVID-19. The Journal of Pain, 23(5); Supplement. <https://doi.org/10.1016/j.jpain.2022.03.021>

- Pantham P, De Hoff P, Srinivasan S, Nasamran C, Hakim AM, Castro A, Cortes G, Calambur A, Verma K, Anyikam A, Mason AM, Tran V, Meads M, Horii M, To C, Parast MM*, Laurent LC*, **Fisch KM***. 2022. "Identification of Placental and Maternal Biofluid miRNA Predictors of Gestational Age in Healthy Pregnancies." University of California, San Diego, San Diego, CA.
- Lindsay-Hewett S, Mason C, Stanley S, Flynn B, **Jacobs M**, Rodriguez-Soto A, Nasamran C, Courtois E, Sivajothi S, Rakow-Penner R, Robson P, Parast M*, **Laurent LC***, **Fisch K*** 2022. "A spatially-resolved multimodal atlas of the human term placenta." University of California, San Diego, La Jolla, CA, USA.
- **Fisch KM**, Goemans SL, Hernandez F, Diaz Luevano C, Canfield D, Horii M, **Laurent LC**, **Jacobs M**, **Woelkers D**, **Gyamfi-Bannerman C**. 2022. "Low Dose Aspirin for Preeclampsia Prevention: Biomarkers of Aspirin Resistance." University of California, San Diego, La Jolla, CA, USA.

Invited Presentations

- **Fisch, K.** "A Spatially-resolved Multimodal Atlas of the Human Term Placenta." November 2, 2022. UC San Diego Center for Perinatal Discovery Seminar Series, La Jolla, CA.
- **Fisch, K.** "Creating an Anchor Dataset Across Tissues at Single Nucleus Resolution." August 22, 2022. NIH Common Fund Human Biomolecular Atlas Program Orientation Webinar, Virtual.
- **Fisch, K.** "Building a 3D Molecular Atlas of the Human Placenta." May 19, 2022. NIH Common Fund Human Biomolecular Atlas Program Annual Meeting, La Jolla, CA.
- **Fisch, K.** "Personalized risk assessment of adverse patient outcomes using real-world clinicogenomics data." May 11, 2022. UCSD Moores Cancer Center Cancer Genomics Cross-Laboratory Meeting, La Jolla, CA.
- **Fisch, K.** "Genomic Dissection of Placental Histopathologic Lesions." February 28, 2022. Center for Perinatal Discovery Chalk Talk, La Jolla, CA.

Honors and Awards

- Reviewer's Choice Award, American Society for Human Genetics Annual Meeting, 2022

Peer-Reviewed Research Publications

- Desai M., Zhou B., Nalawade V., Murphy JD, Veeravalli N, Henk H, **Gyamfi-Bannerman C**, Whitcomb B, Su HI. Maternal Comorbidity and Adverse Perinatal Outcomes in Adolescent and Young Adult Cancer Survivors: a Cohort Study. *British Journal of Obstetrics and Gynecology*, in press.
- Freret TS, James KE, Melamed A, **Gyamfi-Bannerman C**, Kaimal AJ, Clapp MA. Antenatal Steroid Exposure Among Term Newborns. *JAMA Pediatr*. 2022 Sep 19. doi: 10.1001/jamapediatrics.2022.3251. Epub ahead of print. PMID: 36121659.
- Espey E, Haider S, Stone J, **Gyamfi-Bannerman C**, Steinauer J. Now is the time to stand up for reproductive justice and abortion access. *Am J Obstet Gynecol*. 2022 Aug 22:S0002-9378(22)00589-0. doi: 10.1016/j.ajog.2022.07.033. Epub ahead of print. PMID: 36008167.
- Cleary EM, Kniss DA, Fette LM, Hughes BL, Saade GR, Dinsmoor MJ, Reddy UM, **Gyamfi-Bannerman C**, Varner MW, Goodnight WH, Tita ATN, Swamy GK, Heyborne KD, Chien EK, Chauhan SP, El-Sayed YY, Casey BM, Parry S, Simhan HN, Napolitano PG; Eunice Kennedy Shriver National Institute of Child Health Human Development Maternal-Fetal Medicine Units (MFMU) Network. The Association between Prenatal Nicotine Exposure and Offspring's Hearing Impairment. *Am J Perinatol*. 2022 Aug 25. doi: 10.1055/s-0042-1750407. Epub ahead of print. PMID: 36007918.
- Vander Haar EL, Wu G, **Gyamfi-Bannerman C**, Thomas C, Wapner RJ, Reddy UM, Zhao L, Silver RM, Goldenberg RL, Han YW. Microbial Analysis of Umbilical Cord Blood Reveals Novel Pathogens Associated with Stillbirth and Early Preterm Birth. *mBio*. 2022 Aug 22:e0203622. doi: 10.1128/mbio.02036-22. Epub ahead of print. PMID: 35993728.
- Freret TS, James KE, Melamed A, **Gyamfi-Bannerman C**, Kaimal AJ, Clapp MA. Late Preterm Steroid Use among Individuals with Pre-Gestational Diabetes and with Twin Gestations. *Am J Obstet Gynecol*. 2022 Aug 18:S0002-9378(22)00664-0. doi: 10.1016/j.ajog.2022.08.029. Epub ahead of print. PMID: 35988756.
- Redline RW, Roberts DJ, Parast MM, Ernst LM, Morgan TK, Greene MF, **Gyamfi-Bannerman C**, Louis JM, Maltepe E, Mestan KK, Romero R, Stone J. Placental pathology is necessary to understand common pregnancy complications and achieve an improved taxonomy of obstetric disease. *Am J Obstet Gynecol*. 2022 Aug 13:S0002-9378(22)00642-1. doi: 10.1016/j.ajog.2022.08.010. Epub ahead of print. PMID: 35973475.
- Hughes BL, Sandoval GJ, Metz TD, Clifton RG, Grobman WA, Saade GR, Manuck TA, Longo M, Sowles A, Clark K, Simhan HN, Rouse DJ, Mendez-Figueroa H, **Gyamfi-Bannerman C**, Bailit J, Costantine MM, Sehdev HM, Tita ATN, Macones GA; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-

Fetal Medicine Units (MFMU) Network. First or second trimester SARS-CoV-2 infection and subsequent pregnancy outcomes. *Am J Obstet Gynecol*. 2022 Aug 12:S0002-9378(22)00641-X. doi: 10.1016/j.ajog.2022.08.009. Epub ahead of print. PMID: 35970201; PMCID: PMC9374493.

- Sewell CA, Sheehan SM, Gill MS, Henry LM, Bucci-Rechtweg C, **Gyamfi-Bannerman C**, Lyerly AD, Mckinney LC, Hatfield KP, Baer GR, Sahin L, Nguyen CP. Scientific, Ethical, and Legal Considerations for the Inclusion of Pregnant People in Clinical Trials. *Am J Obstet Gynecol*. 2022 Aug 4:S0002-9378(22)00593-2. doi: 10.1016/j.ajog.2022.07.037. Epub ahead of print. PMID: 35934117; PMCID: PMC9351207.
- Casey JA, Kioumourtzoglou MA, Ogburn EL, Melamed A, Shaman J, Kandula S, Neophytou A, Darwin KC, Sheffield JS, **Gyamfi-Bannerman C**. Long-Term Fine Particulate Matter Concentrations and SARS-CoV-2 Prevalence: Differential Relationships by Socioeconomic Status Among Pregnant Individuals in New York City. *Am J Epidemiol*. 2022 Aug 2:kwac139. doi: 10.1093/aje/kwac139. Epub ahead of print. PMID: 35916364; PMCID: PMC9384549.
- Rhoades JS, Lewkowitz AK, **Gyamfi-Bannerman C**, Ros S. Maternal-fetal medicine fellowship program director perspective on virtual interviews following matriculation of the first virtual interview class. *Am J Obstet Gynecol MFM*. 2022 Jul 30;4(6):100699. doi: 10.1016/j.ajogmf.2022.100699. Epub ahead of print. PMID: 35914735.
- Miller R, **Gyamfi-Bannerman C**; Society for Maternal-Fetal Medicine (SMFM), Publications Committee. Electronic address: pubs@smfm.org. Society for Maternal-Fetal Medicine Consult Series #63: Cesarean scar ectopic pregnancy. *Am J Obstet Gynecol*. 2022 Jul 15:S0002-9378(22)00478-1. doi: 10.1016/j.ajog.2022.06.024. Epub ahead of print. PMID: 35850938.
- Booker WA, Ekpe EE, Handal-Orefice RC, Zhang Y, Ananth CV, **Gyamfi-Bannerman C**, Nieto V. Corrigendum to Quantitative activity levels and gestational age at delivery: a prospective cohort study among nulliparous women. *Am J Obstet Gynecol MFM*. 2022 Jun 1:100619. doi: 10.1016/j.ajogmf.2022.100619. Epub ahead of print. Erratum for: *Am J Obstet Gynecol MFM*. 2022 Jan;4(1):100503. PMID: 35659723.
- Laptook AR, Chalak L, Pappas A, Davis A, Sanchez PJ, Van Meurs KP, Oh W, Sommers R, Shankaran S, Hensman AM, Rouse DJ, McDonald S, Das A, Goldberg RN, Ambalavanan N, **Gyamfi-Bannerman C**, Thom EA, Higgins RD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Neonatal Research Network (NRN); Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units (MFMU) Network. The effects of betamethasone on the amplitude integrated EEG of infants born at 34- or 35-weeks gestation. *J Perinatol*. 2022 May 26. doi: 10.1038/s41372-022-01415-4. Epub ahead of print. PMID: 35618748.
- Clapp MA, Melamed A, Freret TS, James KE, **Gyamfi-Bannerman C**, Kaimal AJ. US Incidence of Late-Preterm Steroid Use and Associated Neonatal Respiratory Morbidity After Publication of the Antenatal Late Preterm

Steroids Trial, 2015-2017. JAMA Netw Open. 2022 May 2;5(5):e2212702. doi: 10.1001/jamanetworkopen.2022.12702. PMID: 35583868; PMCID: PMC9118048.

- van Goudoever JB, Spatz DL, Hoban R, Dumitriu D, **Gyamfi-Bannerman C**, Berns M, McKechnie L, Davanzo R. Updating Clinical Practices to Promote and Protect Human Milk and Breastfeeding in a COVID-19 Era. Front Pediatr. 2022 Apr 26;10:867540. doi: 10.3389/fped.2022.867540. PMID: 35558372; PMCID: PMC9086708.
- Dinsmoor MJ, Fette LM, Hughes BL, Rouse DJ, Saade GR, Reddy UM, Allard D, Mallett G, Thom EA, **Gyamfi-Bannerman C**, Varner MW, Goodnight WH, Tita ATN, Costantine MM, Swamy GK, Heyborne KD, 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 (MFMU) Network. Amniocentesis to diagnose congenital cytomegalovirus infection following maternal primary infection. Am J Obstet Gynecol MFM. 2022 May 5:100641. doi: 10.1016/j.ajogmf.2022.100641. Epub ahead of print. PMID: 35526782.
- Battarbee AN, Sandoval GJ, **Gyamfi-Bannerman C**, Blackwell SC, Tita ATN, Reddy UM, Jain L. Mechanism of neonatal hypoglycemia after late preterm steroids: are fetal metabolic effects responsible? Am J Obstet Gynecol. 2022 Mar 29:S0002-9378(22)00224-1. doi: 10.1016/j.ajog.2022.03.045. Epub ahead of print. PMID: 35364060.
- Carpenter JR, Jablonski KA, Koncinsky J, Varner MW, **Gyamfi-Bannerman C**, Joss-Moore LA; Eunice Kennedy Shriver National Institute of Child Health, Human Development Maternal-Fetal Medicine Units Network. Antenatal Steroids and Cord Blood T-cell Glucocorticoid Receptor DNA Methylation and Exon 1 Splicing. Reprod Sci. 2022 Feb 10. doi: 10.1007/s43032-022-00859-5. Epub ahead of print. PMID: 35146694.
- Metz TD, Clifton RG, Hughes BL, Sandoval GJ, Grobman WA, Saade GR, Manuck TA, Longo M, Sowles A, Clark K, Simhan HN, Rouse DJ, Mendez-Figueroa H, **Gyamfi-Bannerman C**, Bailit JL, Costantine MM, Sehdev HM, Tita ATN, Macones GA; National Institute of Child Health and Human Development Maternal-Fetal Medicine Units (MFMU) Network. Association of SARS-CoV-2 Infection With Serious Maternal Morbidity and Mortality From Obstetric Complications. JAMA. 2022 Feb 7:e221190. doi: 10.1001/jama.2022.1190. Epub ahead of print. PMID: 35129581; PMCID: PMC8822445.
- Rouse DJ, Fette LM, Hughes BL, Saade GR, Dinsmoor MJ, Reddy UM, Pass R, Allard D, Mallett G, Clifton RG, Saccoccio FM, Permar SR, **Gyamfi-Bannerman C**, Varner MW, Goodnight WH, Tita ATN, Costantine MM, Swamy GK, Heyborne KD, 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 (NICHD) Maternal-Fetal Medicine Units (MFMU) Network. Noninvasive Prediction of Congenital Cytomegalovirus Infection After Maternal Primary Infection. Obstet Gynecol. 2022 Mar 1;139(3):400-406. doi: 10.1097/AOG.0000000000004691. PMID: 35115450.

- Emeruwa UN, **Gyamfi-Bannerman C**, Miller RS. Health Care Disparities in the COVID-19 Pandemic in the United States: A Focus on Obstetrics. *Clin Obstet Gynecol*. 2022 Mar 1;65(1):123-133. doi: 10.1097/GRF.0000000000000665. PMID: 35045035; PMCID: PMC8767922.
- Krenitsky N, Friedman AM, Yu K, **Gyamfi-Bannerman C**, Williams-Kane J, O'Shaugnessy F, Huang Y, Wright JD, D'Alton ME, Wen T. Trends in Venous Thromboembolism and Associated Risk Factors During Delivery Hospitalizations From 2000 to 2018. *Obstet Gynecol*. 2022 Jan 6. doi: 10.1097/AOG.0000000000004648. Epub ahead of print. PMID: 34991111.
- Krenitsky N, Friedman AM, Yu K, **Gyamfi-Bannerman C**, Williams-Kane J, O'Shaugnessy F, Huang Y, Wright JD, D'Alton ME, Wen T. Trends in Venous Thromboembolism and Associated Risk Factors During Delivery Hospitalizations From 2000 to 2018. *Obstet Gynecol*. 2022 Jan 6. doi: 10.1097/AOG.0000000000004648. Epub ahead of print. PMID: 34991111.

Abstracts

- Clapp MA, Melamed A, Freret TS, James KE, **Gyamfi-Bannerman C**, Kaimal AJ. Effect of the ALPS trial on steroid and assisted ventilation use in late preterm infants. *Am J Obstet Gynecol* 2022;226(suppl1):S26-27.
- Emeruwa UN, Capi A, **Gyamfi-Bannerman C**. Incidence of and risk factors for de novo postpartum hypertension. *Am J Obstet Gynecol* 2022;226(suppl1):S763-764.
- Al-Nafisee S, Wapner RJ, **Gyamfi-Bannerman C**, Yan Q, Hoffman M. The perinatal research consortium (prc): A re-evaluation of traditional post-partum hemorrhage (pph) risk factors. *Am J Obstet Gynecol* 2022;226(suppl1):S123-124.
- Bertozzi-Villa C, Bejerano S, Chen C, Lerner J, Fuchs K, **Gyamfi-Bannerman C**. Maternal and neonatal outcomes of patients with ultrasound-diagnosed uterine window. *Am J Obstet Gynecol* 2022;226(suppl1):S433-434.
- Staniczenko AP, Antonio E, Bejerano S, Lantigua-Martinez MV, Ntoso A, **Gyamfi-Bannerman C**. Disparities in type of delivery by patient preferred language. *Am J Obstet Gynecol* 2022;226(suppl1):S474-475.
- Freret TS, James KE, Melamed A, **Gyamfi-Bannerman C**, Kaimal AJ, Clapp MA. ALPS trial dissemination: effects on pregnant people with diabetes and their Infants. *Am J Obstet Gynecol* 2022;226(suppl1):S590.
- Ona S, Purisch S, Reed-Weston AE, Bejerano S, Chen C, Emeruwa UN, Hairston JC, Arditi B, Dumitriu D, Turitz A, **Gyamfi-Bannerman C**. Optimal timing of postpartum oxytocin administration with universal delayed cord clamping-Parallel randomized trials. *American Journal of Obstetrics & Gynecology*. 2022;226(1):S482-3.
- Fisch KM, Goemans SL, Hernandez F, Diaz Luevano C, Canfield D, Horii M, Laurent LC, Jacobs M, Woelkers D, **Gyamfi-Bannerman C**. 2022. "Low Dose Aspirin for Preeclampsia Prevention: Biomarkers of Aspirin Resistance." University of California, San Diego, La Jolla, CA, USA.

Invited Presentations

- **Invited Speaker**, ACOG Joint District Meeting, Grand Wailea, “Preterm Premature Rupture of Membranes: Management Considerations” and “Late Preterm Steroids: What You Need to Know”, Maui, HI, September 30, 2022.
- **Invited Faculty/Speaker**, 65th Annual T. Hart Baker, MD OB/GYN Symposium, “History and What’s New in Terms of Late Preterm Steroids” and “Current Preterm Birth Prevention Strategies”, Fairmont Grand Del Mar, San Diego, CA September 16-17, 2022.
- **Invited Faculty/Speaker**, University of California at San Diego Center for Perinatal Discovery 2022 Annual Symposium, “Prevention of Preterm Birth: Current and Emerging Strategies”, Roth Auditorium, Sanford Consortium for Regenerative Medicine, La Jolla, CA, June 25, 2022.
- **Invited Faculty/Speaker and Panelist**, University of California at San Francisco’s Antepartum and Intrapartum Management, “Preterm Birth Prevention, What Now?”, “ALPS: Still a Good Idea?”, and panelist for, “Fetal Heart Rate Monitoring Interactive Session with Faculty Panel”, San Francisco, California, June 2-4, 2022 (Onsite and Live Stream Conference).
- **Invited Speaker**, The University of Texas at Austin, Dell Medical School’s Health Transformation Research Institute (HTRI) Senior Scientist Seminar Series (S⁴), “Developing an Academic Research Career: Lessons Learned Over the Years”, Webinar: June 22, 2022.
- **Invited Keynote Speaker**, ACOG Annual Clinical & Scientific Meeting, “COVID-19 and Pregnancy: The Evolution of a Pandemic”, San Diego, California, May 6-8, 2022.
- **Invited Faculty/Speaker**, University of California at San Francisco OBGYN Virtual Grand Rounds, “Antenatal Corticosteroids for Late Preterm Infants: Where Are We Today?”, Webinar: March 29, 2022.
- **Invited Keynote Speaker**, Medical University of South Carolina 51st Annual OBGYN Spring Symposium 2022, “COVID-19 Pandemic in New York City, Perspectives from Pregnancy in Defining the COVID Literature”, and “Late Preterm Antenatal Corticosteroids: History and Current Recommendations”, Charleston, South Carolina, March 26-28, 2022.
- **Invited Faculty/Speaker**, 8th Annual Cedars-Sinai Update in Obstetrics & Gynecology Conference, “Impact of ALPS on Newborn Outcomes”, Webinar: March 4, 2022.
- **Invited Faculty/Speaker**, University of California at Los Angeles OBGYN Virtual Grand Rounds, “Antenatal Corticosteroids for Late Preterm Infants: where are we today?”, Webinar: March 2, 2022.

HULL, Andrew

Peer-Reviewed Research Publications

- Hastie E, Stangl S, Deutsch K, Yin J, **Hull A**, Spector SA, Blumenthal J. Erroneous HIV-1 Diagnosis in a Pregnant Woman Using CDC Diagnostic Algorithm. (2022) *Open Forum Infectious Diseases* 9(8):ofac402. (*Published*) PMID 36043182. **ORIGINAL RESEARCH** (Co-author, involved in study design, data interpretation and writing).

Review Articles and Book Chapters (Peer-reviewed)

- **Hull AD**, Resnik R, Silver RM. “Placenta Previa and Accreta, Vasa Previa, Subchorionic Hemorrhage, and Abruptio Placentae”. In Creasy and Resnik’s *Maternal Fetal Medicine: Principles and Practice*, Resnik, Lockwood, Moore, Greene, Copel & Silver (eds) 9th edition. Elsevier (2022) (12 pages) (Published) **BOOK CHAPTER** (Co-author, involved in writing and editing).

Honors and Awards

- 2022 Castle Connolly America’s Top Doctors

JACOBS, Marni

Peer-Reviewed Research Publications

- Edzards M, **Jacobs M**, Basu S, Song X, Hamdy R. Polymyxin flushes for endotracheal tube suction catheters in extremely low birth weight infants: any benefit in preventing ventilator associated events? *Infection Control and Hospital Epidemiology*. In Press.
- Horii, M, To C, Morey R, **Jacobs MB**, Li Y, Nelson KK, Meads M, Siegel BA, Pizzo D, Adami R, Zhang-Rutledge K, Lamale-Smith L, Laurent LC, Parast MM. Histopathologic and transcriptome profiling identify novel trophoblast defects in preeclampsia with maternal vascular malperfusion. *Modern Pathology*. In Press.
- Waks AB, Martinez-King LC, Santiago G, Laurent LC, **Jacobs MB**. Developing a risk profile for spontaneous preterm birth and short interval to delivery among patients with threatened preterm labor. *American Journal of Obstetrics & Gynecology Maternal-Fetal Medicine*. Online ahead of print August 19, 2022. [PMID: 35995363]

- Younge T, **Jacobs M**, Tuchman L, Streisand R, Soghier L, Frantantoni K. Sociodemographic risk factors, parental stress, and social support in the neonatal intensive care unit (NICU). *Archives of Disease in Childhood*. In Press.
- Rieger MM, Shah NM, Ferrante KL, Tan-Kim J, **Jacobs MB**, Brubaker L, Alperin M. Intraoperative gentamicin intravesical installation for prevention of urinary tract infection after urogynecologic surgery: a randomized controlled trial. *Urogynecology*. In press.
- Reash NF, James MK, Alfano LN, Mayhew AG, **Jacobs M**, Iammarino MA, Holsten S, Sakamoto C, Tateishi T, Yajima H, Duong T, de Wolf B, Gee R, Bharucha-Goebel DX, Bravver E, Mori-Yoshimura M, Bushby K, Rufibach L, Straub V, Lowes LP, The Jain COS Consortium. Comparison of strength testing modalities in dysferlinopathy. *Muscle and Nerve*. Online ahead of print May 4, 2022. [PMID: 35506767]
- Reyngoudt H, Smith FE, Caldas de Almeida Araújo E, Wilson I, Fernández-Torón R, James MK, Moore UR, Díaz-Manera J, Marty B, Azzabou N, Gordish H, Rufibach L, Hodgson T, Wallace D, Ward L, Boisserie J, Le Louër J, Hilsden H, Sutherland H, Canal A, Hogrel J, **Jacobs M**, Stojkovic T, Bushby K, Mayhew A, Jain Clinical Outcome Study for Dysferlinopathy Consortium, Straub V, Carlier PG, Blamire AM. Three year quantitative magnetic resonance imaging and phosphorus magnetic resonance spectroscopy study in lower limb muscle in dysferlinopathy. *Journal of Cachexia, Sacropenia and Muscle*. 2022; 13(3): 1850-1863. [PMID: 35373496; PMCID: 9178361]
- Sullender RT, **Jacobs M**, Bukowski K, Marengo A, Mody SK, Averbach SH. Impact of COVID-19 on abortion method under ten weeks gestational age in Southern California. *Contraception*. 2022; 110: 56-60. [PMID: 35263650; PMCID: 8898196]
- Mayhew AG, James MK, Moore U, Sutherland H, **Jacobs M**, Feng J, Lowes LP, Alfano LN, Lofra RM, Rufibach LE, Rose K, Duong T, Bello L, Pedrosa-Hernández I, Holsten S, Sakamoto C, Canal A, Práxedes NS, Thiele S, Siener C, Vandeveld B, DeWolf B, Maron E, Gordish-Dressman H, Hilsden H, Guglieri M, Hogrel J, Blamire AM, Carlier PG, Spuler S, Day JW, Jones KJ, Bharucha-Goebel DX, Salort-Campana E, Pestronk A, Walter M, Paradas C, Stojkovic T, Mori-Yoshimura M, Bravver E, Diaz-Manera J, Pegoraro E, Mendell J, Straub VW. Assessing the relationship of patient reported outcome measures with functional status in dysferlinopathy: A Rasch analysis approach. *Frontiers in Neurology*. Online ahead of print March 10, 2022. [PMID: 35359643; PMCID: 8961025]
- Moore U, Fernandez-Torron R, **Jacobs M**, Gordish H, Diaz-Manera J, James MK, Mayhew AG, Harris E, Guglieri M, Rufibach LE, Feng 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, Pegoraro E, Pax Lowes L, Mendell JR, Bushby K, The Jain COS Consortium, Bourke J, Straub V. Cardiac and pulmonary findings in dysferlinopathy: a 3-year, longitudinal study. *Muscle and Nerve*. 2022; 65(5): 531-540. [PMID: 35179231]

- 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*. Online ahead of print March 8, 2022. [PMID: 35260824; PMCID: 9184279]
- 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*. 2022; 41: 1907-1914. [PMID: 34751464]

Abstracts

- Lindsay-Hewett S, Mason C, Stanley S, Flynn B, **Jacobs M**, Rodriguez-Soto A, Nasamran C, Courtois E, Sivajothi S, Rakow-Penner R, Robson P, Parast M*, Laurent LC*, Fisch K* 2022. "A spatially-resolved multimodal atlas of the human term placenta." University of California, San Diego, La Jolla, CA, USA.
- Fisch KM, Goemans SL, Hernandez F, Diaz Luevano C, Canfield D, Horii M, Laurent LC, **Jacobs M**, Woelkers D, Gyamfi-Bannerman C. 2022. "Low Dose Aspirin for Preeclampsia Prevention: Biomarkers of Aspirin Resistance." University of California, San Diego, La Jolla, CA, USA.
- Schueler K, **Jacobs M**, Averbach S, Marengo A, Mody SK. Understanding medication abortion denial among a cohort of abortion clinic patients in Southern California. *Society for Family Planning Annual Meeting*. December 3-5, 2022: Baltimore, MD.
- **Jacobs MB**, Valentine H, Magallanes C, Adkins S, Morgan SC, Hakim A, DeHoff P, Laurent LC, Pantham P. Immune response to SARS-CoV-2 in pregnant and non-pregnant women following infection. *2022 Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting*. June 13-14, 2022: Chicago, IL. *2022 Society for Epidemiologic Research Annual Meeting*. June 14-17, 2022: Chicago, IL.
- Hietalati S, Pham D, Arora H, Mochizuki M, Santiago G, Vaught J, Lin E, Mestan K, Parast M, **Jacobs M**. Placental pathology and fetal growth in pregnancies complicated by obesity. *Society for Reproductive Investigation 69th Annual Scientific Meeting*. March 15-19, 2022: Denver, CO. *Pediatric Academic Societies Meeting*. April 21-25, 2022: Denver, CO.
- Melber DJ, Pinson K, Gabby L, **Jacobs MB**, Lamale-Smith L, Tarsa M. Timely access to fetal anatomy ultrasound surveillance: before and after the start of the COVID-19 pandemic. *Annual Integrative Ultrasound Medicine Meeting*. March 12-16, 2022: San Diego, CA.
- Melber DJ, Brodsky A, Rocha CN, McIntyre BB, **Jacobs MB**, Ramos GA. Vaccination uptake in pregnancy: before and after the start of the COVID-19 pandemic. *Society of Maternal-Fetal Medicine 42nd Annual Pregnancy Meeting*. January 31-February 5, 2022: Orlando, FL.

- Melber DJ, Brodsky AL, Rocha NC, McIntyre BB, **Jacobs MB**, Ramos, GA. Vaccination uptake in pregnancy: before and after the start of the COVID-19 pandemic. Jan 2022, Am J Obstet Gynecol;S1:S449.
- Melber DJ, Pantham P, Adami RR, Fratto V, Vuppala A, Meads M, Liu TN, Magallanes CG, Martinez-King C, Fernando AN, Tran V, To C, **Jacobs MB**, Afshar Y, Murphy A, Parast MM, Srinivasan S, DeHoff P, Laurent LC. Maternal serum miRNAs as biomarkers for abnormal placentation. *Society of Maternal-Fetal Medicine 42nd Annual Pregnancy Meeting*. January 31-February 5, 2022: Orlando, FL.
- Gabby LC,* Jones CK, McIntyre B, Ramos GA, **Jacobs MB**, Parast M. Placental findings in SARS-CoV-2 maternal infection by severity and timing of maternal disease. *Society of Maternal-Fetal Medicine 42nd Annual Pregnancy Meeting*. January 31-February 5, 2022: Orlando, FL.

Invited Presentations

- University of North Carolina, Chapel Hill Department of Obstetrics and Gynecology Grand Rounds, May 4, 2022: “Cholesterol in pregnancy: Are we ignoring an important risk factor?”
- Gabby LC, Jones CK, McIntyre BB, Meads M, Ramos GA, **Jacobs MB**, Parast MM. Placental findings in SARS-CoV-2 maternal infection by severity and timing of maternal disease. SMFM 2022 Annual Meeting. Am J Obstet and Gynecol. January 2022; Supp 1:S85-86.

Honors and Awards

- UCSD & Kaiser Permanente Medical Centers Obstetrics & Gynecology Residency Program Residents’ Appreciation Award (2022)

KELLY, Thomas

Abstracts

- Boone CE, Melber D, Ballas J, Ramos GA, **Kelly TF**, McHale MT, Picel AC, Roberts A, Berman Z. Multivessel pelvic embolization during cesarean hysterectomy for placenta accreta spectrum: A single center experience and comparison to internal iliac artery balloon occlusion. Society Interventional Radiology Annual Meeting 2022, Boston, MA.

LAMALE-SMITH, Leah

Peer-Reviewed Research Publications

- Rodríguez-Soto, AE, Pham, D, Tran, T, Meads, M, Stanley, V, Melber, V, **Lamale-Smith, L**, Zhang-Rutledge, K, Rakow-Penner, R, Alshawabkeh, L, Parast, M, Contijoch, F. Evidence of maternal vascular malperfusion in placentas of women with congenital heart disease, *Placenta*, Volume 117, 2022, Pages 209-212, ISSN 0143-4004, <https://doi.org/10.1016/j.placenta.2021.12.016>.
- Green S, Pretorius DH, Crouch A, Anton T, Jacobs M, Ho Y, Hevner R, **Lamale-Smith L**. What are the Double Lines of the Fetal Cavum Septi Pellucidi on Ultrasound? *J Ultrasound Med* 2022; 41:1907-1914. doi:10.1002/jum.15867.
- Feigenbaum, A, **Lamale-Smith, LM**, Weinstein, L. Considerations for prenatal and postpartum management of a female patient with ornithine transcarbamoylase deficiency. *Molecular Genetics and Metabolism Reports*, 2022, 100894, ISSN 2214-4269, <https://doi.org/10.1016/j.ymgmr.2022.100894>.
- Pinson K, Melber D, Nguyen NH, Montaney L, Mims J, Pretorius D, **Lamale-Smith L**. A Review of Normal and Abnormal External Fetal Genitalia Imaging Manuscript category: Pictorial Essay. *J Ultrasound Med* 2022; 9999:1–15. doi:10.1002/jum.16080.

Review Articles and Book Chapters (Peer-reviewed)

- Lamale-Smith. (2022). Chapter 11 Complicated Labor and Delivery [submitted, accepted, awaiting publication]. In K.J. Hurt (Ed.), *PocketOB-Gyn*, Third ed. (pp. Future). Philadelphia: Wolters Kluwer Health Learning.

Abstracts

- Waks, A, Pinson P, Melber D, Gudipati S, Anton T, Tarsa M, **Lamale-Smith L**. Modified first trimester ultrasound protocol during COVID: An evaluation of duration and effectiveness. *AIUM Annual Convention, J Ultrasound Med* 41 (suppl S1) S173. June 2022.
- Melber DJ, Pinson K, Gabby L, Jacobs MB, **Lamale-Smith LM**, Tarsa M. Timely access to fetal anatomy ultrasound surveillance: before and after the start of the COVID-19 pandemic. *AIUM Annual Convention, J Ultrasound Med* 41. (suppl S1) S183. June 2022.

Invited Presentations

- AIUM Webinar: Updates on Diagnostic Criteria on Fetal Growth Restriction 11/2022
- World Class CME, Fetal and Women's Imaging, 2022 9/2022
 - Placenta Acreta Spectrum: First and Second Trimester Diagnoses
 - Dopplers in the Diagnosis and Management of FGR: Tips and Pearls
 - Fetal Abdomen Abnormalities, Tips and Pearls
- Ultrasound Update 2022, University of California Davis 9/2022
 - The Fetal Chest, all but the heart
- Melber DJ, Gabby L, Pinson K, Jacobs MB, Long T, Conroy C, Xiao S, Ramos GA, **Lamale-Smith LM**, Tarsa M. UCSD Health CardioObstetrics Initiative: A Multidisciplinary Team to Improve Outcomes in the Pregnant Cardiac Patient. Poster: GDM Patient Safety, Quality and Innovations Symposium 2022. San Diego, CA (2022, May).
- Melber DJ, Pinson K, Gabby L, Jacobs MB, **Lamale-Smith LM**, Tarsa M. Timely access to fetal anatomy ultrasound surveillance: before and after the start of the COVID-19 pandemic. Poster: AIUM Annual Integrative Ultrasound Meeting 2022. San Diego, CA. (2022, March).
- Waks, A, Pinson P, Melber D, Gudipati S, Anton T, Tarsa M, **Lamale-Smith L**. Modified first trimester ultrasound protocol during COVID: An evaluation of duration and effectiveness. Poster: AIUM Annual Integrative Ultrasound Meeting 2022. San Diego, CA. (2022, March).
- Society for Maternal Fetal Medicine Annual Pregnancy Meeting 2/2022.
 - The Fetal Chest, all but the heart
- World Class CME: Maternal Fetal Imaging 2022, San Antonio Texas 1/2022.
 - Placenta Acreta Spectrum: First and Second Trimester Diagnoses
 - Dopplers in the Diagnosis and Management of FGR: Tips and Pearls
 - Fetal Abdomen Abnormalities, Tips and Pearls

LAURENT, Louise

Peer-Reviewed Research Publications

- Alsop E, Meechoovet B, Kitchen R, Sweeney T, Beach TG, Serrano GE, Hutchins E, Ghiran I, Reiman R, Syring M, Hsieh M, Courtright-Lim A, Valkov N, Whitsett TG, Rakela J, Pockros P, Rozowsky J, Gallego J, Huentelman MJ, Shah R, **Laurent LC**, Das S, Van Keuren-Jensen K. 2022. "A novel tissue atlas and online tool for the

interrogation of small RNA expression in human tissues and biofluids.” *Frontiers in Cell and Developmental Biology*, doi: 10.3389/fcell.2022.804164. *Supervision of sample collection, editing of manuscript.*

- Zhang-Rutledge K, Owen M, Sweeney NM, Dimmock D, Kingsmore SF, **Laurent LC**. 2022. “Retrospective identification of prenatal fetal anomalies associated with diagnostic neonatal genomic sequencing results.” *Prenatal Diagnosis*, PMID: 35141907. *Study design and coordination, supervision of data collection and analysis, and coordination of manuscript preparation.*
- Stadnick NA, Cain KL, Watson P, Oswald W, Ibarra M, Lagoc R, Pezzoli K, **Laurent LC**, Tukey R and Rabin B. 2022 “Engaging Underserved Communities in COVID-19 Health Equity Implementation Research: An Analysis of Community Engagement Resource Needs and Costs.” *Front. Health Serv.*, PMID: 36258685 PMCID: PMC9574473. *Overall supervision of project, editing of manuscript.*
- Frey L, Berardi G, Sluka KA, O Bayman EO, S Coffey CS, Ecklund D, Vance CGT, Dailey DL, Burns J, Buvanendran A, McCarthy R, Jacobs J, Zhou XJ, Wixson R, Balach T, Brummett CM, Clauw D, Colquhoun D, Harte S, Harris RE, Williams DA, Chang ACH, Waljee J, Fisch KM, Jepsen K, **Laurent LC**, Olivier M, Langefeld CD, Howard YD, Fiehn O, Jacobs JM, Dakup P, Qian WJ, Swensen AC, Lokshin A, Lindquist M, Caffo BS, Crainiceanu C, Kahn A, Wager T, Taub M, Ford J, Sutherland SP, Johnston N, Labosky P, Wandner LD. 2022. “Multi-site Observational Study to Assess Biomarkers for Susceptibility or Resilience to Chronic Pain: The Acute to Chronic Pain Signatures (A2CPS) Study Protocol.” *Frontiers in Medicine*, PMID: 35547202 PMCID: PMC9082267 *Participation in writing and editing of manuscript.*
- Moshiri H, Fisch KM, Birmingham A, DeHoff P, Yeo GW, Jepsen K, **Laurent LC**, Knight R. 2022. “The ViRefow pipeline enables user friendly large scale viral consensus genome reconstruction.” *Scientific Reports*, 12:5077. PMID: 35332213 PMCID: PMC8943356. *Supervision of data generation, editing of manuscript.*
- Li G, Manning AC, Bagi A, Yang X, Gokulnath P, Spanos M, Howard J, Chan PP, Sweeney T, Kitchen R, Li H, Laurent BD, Aranki SF, Kontaridis MI, **Laurent LC**, Van Keuren-Jensen K, Muehlschlegel J, Lowe TM, Das S. 2022. “Distinct Stress-Dependent Signatures of Cellular and Extracellular tRNA-Derived Small RNAs.” *Advanced Science*, e2200829. doi: 10.1002/adv.202200829, online ahead of print. PMID: 35373532. PMCID: PMC9189662 *Supervision of sample collection, participation in writing and editing of manuscript.*
- Waller L, Guo Z, Tang R, Zhang Z, Wang E, Yasuhara-Bell J, **Laurent LC**, Lo Y-H. 2022. “High Sensitivity, Rapid Detection of Virus in High Traffic Environments.” *Frontiers in Bioengineering and Biotechnology*, PMID: 35402391 PMCID: PMC8989402. *Supervision of sample collection, participation in writing and editing of manuscript.*
- Cantú V, Sanders K, Belda-Ferre P, Salido R, Tsai R, Austin B, Jordan W, Asudani M, Walster A, Magallanes C, Valentine H, Majnoonian A, Wijaya C, Omaleki V, Aigner S, Baer N, Betty M, Castro-Martínez A, Cheung W, De Hoff P, Eisner E, Hakim A, Lastrella A, Lawrence E, Ngo T, Ostrander R, Plascencia A, Sathe S, Smoot E, Carlin A, Yeo G, **Laurent LC**, Manlutac AL, Fielding-Miller R, Knight R. 2022. “Sentinel Cards Provide Practical SARS-

CoV-2 Monitoring in School Settings.” mSystems, PMID: 35703436 PMCID: PMC9426498 accepted. *Supervision of data generation, editing of manuscript.*

- Cantú V, Belda-Ferre P, Salido R, Tsai R, Austin B, Jordan W, Asudani M, Walster A, Magallanes C, Valentine H, Majnoonian A, Wijaya C, Omaleki V, Sanders K, Aigner S, Baer N, Betty M, Castro-Martínez A, Cheung W, Crescini E, De Hoff P, Eisner E, Hakim A, Kapadia B, Lastrella A, Lawrence E, Ngo T, Ostrander R, Sathe S, Seaver P, Smoot E, Carlin A, Yeo G, **Laurent LC**, Manlutac AL, Fielding-Miller R, and Knight R. 2022. "Implementation of Practical Surface SARS-CoV-2 Surveillance in School Settings." PMID: 35703437 PMCID: PMC9426517mSystems, accepted. *Supervision of data generation, editing of manuscript.*
- Comfort N, Wu H, De Hoff P, Vuppala A, Vokonas P, Weisskopf M, Coull BA, **Laurent LC**, Baccarelli AA, Schwartz J. 2022. "Extracellular microRNA and Cognitive Function in a Prospective Cohort of Older Men: The Veterans Affairs Normative Aging Study." Aging, PMID: 36069796. accepted. *Supervision of data generation, editing of manuscript.*
- Karthikeyan S, Levy JI, De Hoff P, Humphrey G, Birmingham A, Jepsen K, Farmer S, Tubb H, Valles T, Tribelhorn CE, Tsai R, Aigner S, Sathe S, Moshiri N, Henson B, Mark AM, Hakim A, Baer NA, Barber T, Belda-Ferre P, Chacón M, Cheung W, Crescini ES, Eisner ER, Lastrella AL, Lawrence ES, Marotz CA, Ngo TT, Ostrander T, Plascencia A, Salido RA, Seaver P, Smoot EW, McDonald D, Neuhaard RM, Scioscia AL, Satterlund AM, Simmons EH, Abelman DB, Brenner D, Bruner JC, Buckley A, Ellison M, Gattas J, Gonias SL, Hale M, Hawkins F, Ikeda L, Jhaveri H, Johnson T, Kellen V, Kremer B, Matthews G, McLawhon RW, Ouillet P, Park D, Pradenas A, Reed S, Riggs L, Sanders A, Sollenberger B, Song A, White B, Winbush T, Aceves CM, Anderson C, Gangavarapu K, Hufbauer E, Kurzban E, Lee J, Matteson NL, Parker E, Perkins SA, Ramesh KS, Robles-Sikisaka R, Schwab MA, Spencer E, Wohl S, Nicholson L, Mchardy IH, Dimmock DP, Hobbs CA, Bakhtar O, Harding A, Mendoza A, Bolze A, Becker D, Cirulli ET, Isaksson M, Barrett K, Washington NL, Malone JD, Schafer AM, Gurfield N, Stous S, Fielding-Miller R, Garfein RS, Gaines T, Anderson C, Martin NK, Schooley R, Austin B, MacCannell DR, Kingsmore SF, Lee W, Shah S, McDonald , Yu AT, Zeller M, Fisch KM, Longhurst C, Maysent P, Pride D, Khosla PK, **Laurent LC**, Yeo GW, Andersen KG & Knight R. 2022. "Wastewater sequencing reveals early cryptic SARS-CoV-2 variant transmission." Nature, PMID: 35798029 PMCID: PMC9433318. *accepted. Supervision of data generation, editing of manuscript.*
- Dekel C*, Morey R*, Hanna J, Ben-Yosef D**, Amir H**, **Laurent LC****. 2022. "Stabilization of hESCs in two distinct substates along the continuum of pluripotency." PMID: 36404921 PMCID: PMC9668692 iScience, *in press.*
*Contributed equally, **Co-corresponding authors.
- Burchard J, Markenson GR, Saade GR, **Laurent LC**, Heyborne KD, Coonrod DV, Schoen CN, Baxter JK, Haas DM, Longo SA, Sullivan SA, Wheeler SM, Pereira LM, Boggess KA, Hawk AF, Crockett AH, Treacy R, Fox AC, Polpitiya AD, Fleischer TC, Garite TJ, Boniface JJ, Zupancic JAF, Critchfield JC & Kearney PE. 2022. "Clinical and

economic evaluation of a proteomic biomarker preterm birth risk predictor: Cost-effectiveness modeling of prenatal interventions applied to predicted higher-risk pregnancies within a large and diverse cohort.” *Journal of Medical Economics*, DOI: 10.1080/13696998.2022.2147771. PMID 36377363.

- Stadnick NA, Cain KL, Oswald W, Watson P, Ibarra M, Lagoc R, Ayers LO, Salgin L, Broyles SL, **Laurent LC**, Pezzoli K, Rabin B. 2022 “Co-creating a Theory of Change to advance COVID-19 testing and vaccine uptake in underserved communities”. *Health Serv Res*;57 Suppl 1(Suppl 1):149-157. doi: 10.1111/1475-6773.13910. Epub, PMID: 35243622; PMCID: PMC9108217.
- Dekel C, Morey R, Hanna J, **Laurent LC**, Ben-Yosef D, Amir H. Stabilization of hESCs in two distinct substates along the continuum of pluripotency. *iScience*. 2022 Nov;25 (12):105469. doi: 10.1016/j.isci.2022.105469. PMID: 36404921; PMCID: PMC9668692.
- Danesh Yazdi M, Nassan FL, Kosheleva A, Wang C, Xu Z, Di Q, Requia WJ, Comfort NT, Wu H, **Laurent LC**, DeHoff P, Vokonas P, Baccarelli AA, Schwartz JD. Short-term air pollution and temperature exposure and changes in the extracellular microRNA profile of Normative Aging Study (NAS) participants. *Environ Int*. 2023 Jan 10;171:107735. doi: 10.1016/j.envint.2023.107735. Epub ahead of print. PMID: 36640488.

Review Articles and Book Chapters (Peer-reviewed)

- Mateescu B, Jones JC, Alexander R, Alsop E, An JY, Asghari M, Boomgarden A, Bouchareychas L, Cayota A, Chang HC, Charest AL, Chiu DT, Coffey RJ, Das S, DeHoff P, deMello A, D’Souza-Schorey C, Elashoff D, Eliato KR, Franklin JL, Galas DJ, Gerstein MB, Ghiran IH, Go DB, Gould S, Grogan TR, Higginbotham JN, Hladik F, Huang TJ, Huo X, Hutchins E, Jeppesen DK, Jovanovic-Talisman T, Kim BY, Kim S, Kim KM, Kim Y, Kitchen RR, Knouse V, LaPlante EL, Lebrilla CB, Lee LJ, Lennon KM, Li G, Li F, Li T, Liu T, Liu Z, Maddox AL, McCarthy K, Meechoovet B, Maniya N, Meng Y, Milosavljevic A, Min BH, Morey A, Ng M, Nolan J, P. De Oliveira Junior P, Paulaitis ME, Phu TA, Raffai RL, Reátegui E, Roth ME, Routenberg DA, Rozowsky J, Rufo J, Senapati S, Shachar S, Sharma H, Sood AK, Stavrakis S, Stürchler A, Tewari M, Tosar JP, Tucker-Schwartz AK, Turchinovich A, Valkov N, Keuren-Jensen KV, Vickers KC, Vojtech L, Vreeland WN, Wang C, Wang K, Wang Z, Welsh JA, Witwer KW, Wong DTW, Xia J, Xie YH, Yang K, Zaborowski MP, Zhang C, Zhang Q, Zivkovic AM, **Laurent LC**. “Phase 2 of Extracellular RNA Communication Consortium Charts Next-Generation Approaches for Extracellular RNA Research.” *iScience* (2022).

Abstracts

- Melber DJ, Pantham P, Adami RR, Fratto V, Vuppala A, Meads M, Liu TN, Magallanes CG, Martinez-King C, Fernando AN, Tran V, To C, Jacobs MB, Afshar Y, Murphy A, Parast MM, Srinivasan S, DeHoff P, **Laurent LC**. Maternal serum miRNAs as biomarkers for abnormal placentation. *Society of Maternal-Fetal Medicine 42nd Annual Pregnancy Meeting*. January 31-February 5, 2022: Orlando, FL
- Lauryn CG, Jacobs MB, Zhang-Rutledge K, Meads M, Pham D, Liu TN, Bucknum A, Lamale Smith L, Parast MM, **Laurent LC**, Ramos GA. 2022. "Frequency of preeclampsia spectrum disorders by diabetes subgroup." University of California, San Diego, San Diego, CA.
- Pantham P, De Hoff P, Srinivasan S, Nasamran C, Hakim AM, Castro A, Cortes G, Calambur A, Verma K, Anyikam A, Mason AM, Tran V, Meads M, Horii M, To C, Parast MM*, **Laurent LC***, Fisch KM*. 2022. "Identification of Placental and Maternal Biofluid miRNA Predictors of Gestational Age in Healthy Pregnancies." University of California, San Diego, San Diego, CA.
- Lindsay-Hewett S, Mason C, Stanley S, Flynn B, Jacobs M, Rodriguez-Soto A, Nasamran C, Courtois E, Sivajothi S, Rakow-Penner R, Robson P, Parast M*, **Laurent LC***, Fisch K* 2022. "A spatially-resolved multimodal atlas of the human term placenta." University of California, San Diego, La Jolla, CA, USA.
- Fisch KM, Goemans SL, Hernandez F, Diaz Luevano C, Canfield D, Horii M, **Laurent LC**, Jacobs M, Woelkers D, Gyamfi-Bannerman C. 2022. "Low Dose Aspirin for Preeclampsia Prevention: Biomarkers of Aspirin Resistance." University of California, San Diego, La Jolla, CA, USA.
- Jacobs MB, Valentine H, Magallanes C, Adkins S, Morgan SC, Hakim A, DeHoff P, **Laurent LC**, Pantham P. Immune response to SARS-CoV-2 in pregnant and non-pregnant women following infection. *2022 Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting*. June 13-14, 2022: Chicago, IL.

Invited Presentations

- **Laurent, LC**. 2022. "Systematic Evaluation of exRNA Isolation and Analysis Methods for Biomarker Studies." Gordon Research Conference on Extracellular Vesicles. Newry, ME.

LEWIS, Amanda

Peer-Reviewed Research Publications

- Morrill SR, Agarwal K, Saha S, Lewis WG, Gilbert NM, **Lewis AL**. Models of Murine Vaginal Colonization by Anaerobically Grown Bacteria. *J Vis Exp*. 2022 May 25;(183). doi: 10.3791/64032. PMID: 35695538.
- 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 Dec 6;11:788229. doi: 10.3389/fcimb.2021.788229. eCollection 2021. PMID: 34938672.
- Gilbert NM, O'Brien VP, Waller C, Batourina E, Mendelsohn CL, **Lewis AL**. *Gardnerella* [Exposures Alter Bladder Gene Expression and Augment Uropathogenic *Escherichia coli* Urinary Tract Infection in Mice](#). *Front Cell Infect Microbiol*. 2022 Jun 16;12:909799. doi: 10.3389/fcimb.2022.909799. eCollection 2022. PMID: 35782131
- Dillard LR, Glass EM, **Lewis AL**, Thomas-White K, Papin JA. Metabolic Network Models of the *Gardnerella* Pangenome Identify Key Interactions with the Vaginal Environment. *mSystems*. Accepted for publication.

Review Articles and Book Chapters (Peer-reviewed)

- **Lewis AL**, Chen X, Schnaar RL, Varki A. In: Varki A, Cummings RD, Esko JD, Stanley P, Hart GW, Aebi M, Mohnen D, Kinoshita T, Packer NH, Prestegard JH, Schnaar RL, Seeberger PH, editors. [Sialic acids and other Nonulosonic Acids](#). *Essentials of Glycobiology* [Internet]. 4th edition. Cold Spring Harbor (NY): Cold Spring Harbor Laboratory Press; 2022. Chapter 15. PMID: 35536973.
- Whitfield C, Szymanski CM, **Lewis AL**, Aebi M. [Eubacteria](#). In: Varki A, Cummings RD, Esko JD, Stanley P, Hart GW, Aebi M, Mohnen D, Kinoshita T, Packer NH, Prestegard JH, Schnaar RL, Seeberger PH, editors. *Essentials of Glycobiology* [Internet]. 4th edition. Cold Spring Harbor (NY): Cold Spring Harbor Laboratory Press; 2022. Chapter 21. PMID: 35536956.
- **Lewis AL**, Szymanski CM, Schnaar RL, Aebi M. [Bacterial and Viral Infections](#). In: Varki A, Cummings RD, Esko JD, Stanley P, Hart GW, Aebi M, Mohnen D, Kinoshita T, Packer NH, Prestegard JH, Schnaar RL, Seeberger PH, editors. *Essentials of Glycobiology* [Internet]. 4th edition. Cold Spring Harbor (NY): Cold Spring Harbor Laboratory Press; 2022. Chapter 42. PMID: 35536954.
- **Lewis AL**, Kohler JJ, Aebi M. [Microbial Lectins Hemagglutinins, Adhesins, and Toxins](#). In: Varki A, Cummings RD, Esko JD, Stanley P, Hart GW, Aebi M, Mohnen D, Kinoshita T, Packer NH, Prestegard JH, Schnaar RL, Seeberger PH, editors. *Essentials of Glycobiology* [Internet]. 4th edition. Cold Spring Harbor (NY): Cold Spring Harbor Laboratory Press; 2022. Chapter 37. PMID: 35536938.

- **Lewis AL**, Toukach P, Bolton B, Chen X, Frank M, Lütteke T, Knirel Y, Schoenhofen I, Varki A, Vinogradov E, Woods R, Zachara N, Zhang J, Kamerling JP, Neelamegham S and the SNFG discussion group. Cataloging natural sialic acids and other nonulosonic acids (NuOs), and their representation using the Symbol Nomenclature for Glycans (SNFG). *Glycobiology*. Accepted for publication.

Honors and Awards

- Appointed as Co-Director of the Glycobiology Research and Training Center, University of California San Diego, Jan 2022.

LEWIS, Warren

Peer-Reviewed Research Publications

- Morrill SR, Agarwal K, Saha S, **Lewis WG**, Gilbert NM, Lewis AL. Models of Murine Vaginal Colonization by Anaerobically Grown Bacteria. *J Vis Exp*. 2022 May 25;(183). doi: 10.3791/64032. PMID: 35695538. NIHMSID: 1845114. PMCID: 9678008.
- Cai CW, O'Shea A, Eickhoff CS, Guo H, **Lewis WG**, Beverley SM and Hoft DF (2022) Use of Leishmania major parasites expressing a recombinant Trypanosoma cruzi antigen as live vaccines against Chagas disease. *Front. Microbiol.* 13:1059115. doi: 10.3389/fmicb.2022.1059115.

MOORE, Thomas

Invited Presentations

- Keynote Speaker, UCSD Health Leadership Academy: Keynote Address, Capstone Team presentations, and Graduation ceremony. December 3, 2022. San Diego, CA.
 - Life After Health Leadership Academy (HLA)

Abstracts

- Melber DJ†, **Pantham P**, Adami RR, Fratto V, De Hoff P, Vuppala A, Srinivasan S, Afshar Y, Makhoul JA, Westermann M, Cassidy AG, Meads M, Liu TN, Magallanes CG, Martinez-King C, Fernando AN, Tran VH, To C, Jacobs MB, Murphy AM, Chung JH, Norton ME, Parast MM, Laurent LC. Maternal Serum miRNAs as Biomarkers for Abnormal Placentation. American Journal of Obstetrics and Gynecology 2022 Jan: 226 (Supplement 1) S448. Poster presentation, Society for Maternal-Fetal Medicine Meeting 2022 (Virtual conference).
- DeHoff P, **Pantham P**†, Srinivasan S, Verma K, Anyikam A, Mason AM, Tran V, Meads M, Horii M, To C, Parast MM, Laurent LC, Fisch KM. Placental Tissue miRNA Landscape During Early Mid and Late Gestation. Reproductive Sciences 2022 Mar: 29 (Supplement 1) 242. Poster presentation, Society for Reproductive Investigation Meeting 2022 Mar, Denver, USA.
- Jacobs MB, Valentine H, Magallanes C, Adkins S, Morgan SC, Hakim A, DeHoff P, Laurent LC, **Pantham P**. Immune response to SARS-CoV-2 in pregnant and non-pregnant women following infection. *2022 Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting*. June 13-14, 2022: Chicago, IL. *2022 Society for Epidemiologic Research Annual Meeting*. June 14-17, 2022: Chicago, IL.
- **Pantham P**, De Hoff P, Srinivasan S, Nasamran C, Hakim AM, Castro A, Cortes G, Calambur A, Verma K, Anyikam A, Mason AM, Tran V, Meads M, Horii M, To C, Parast MM*, Laurent LC*, Fisch KM*. 2022. "Identification of Placental and Maternal Biofluid miRNA Predictors of Gestational Age in Healthy Pregnancies." University of California, San Diego, San Diego, CA.

Invited Presentations

- "Robust, Reproducible, and Scalable Workflow for Isolation and Transcriptomic Profiling of Vesicular and Total Extracellular Urinary RNA during Pregnancy", First Virtual Symposium on Urinary Extracellular Vesicles 2022 Feb, International Society for Extracellular Vesicles.
- "Optimization of a Miniaturized, Automated Workflow for Extracellular Long RNA Library Preparation from Biofluids using the Takara SMART-Seq v4 Ultra Low Input Kit for Sequencing and the SMARTer Stranded Total RNA-Seq Kit v3-Pico Input Mammalian Kit", Biomarkers and Brews, Takara Bio USA 2022 Mar, San Diego, CA, USA.
- "Next Generation Sequencing of Urinary Extracellular RNA to Identify Biomarkers in Preeclampsia", Obstetrics & Gynecology Research Seminar 2022 Oct, University of Auckland, Auckland, New Zealand.

- “Next Generation Sequencing of Extracellular RNA in Maternal Urine to Identify Biomarkers in Preeclampsia”, Mother Infant Research Institute Seminar Series 2022 Nov, Tufts Medical Center, Boston, MA, USA.

RAMOS, Gladys

Peer-Reviewed Research Publications

- Delker E, Bandoli G, LaCoursiere Y, Ferran K, Gallo L, Oren E, Gahagan S, **Ramos GA**, Allison M. Chronic hypertension and risk of preterm delivery: National Longitudinal Study of Adolescents to Adult Health. *Paediatr Perinat Epidemiol.* 2022 Feb 2. doi: 10.1111/ppe.12858. Epub ahead of print. PMID: 35107830.
- McLaren RA Jr, Ruyman KR, **Ramos GA**, Osmundson SS, Jauk V, Berghella V. Early screening for gestational diabetes mellitus: a meta-analysis of randomized controlled trials. *Am J Obstet Gynecol MFM.* 2022 Aug 27;4(6):100737. doi: 10.1016/j.ajogmf.2022.100737. Epub ahead of print. PMID: 36031150.

Abstracts

- Melber DJ, Brodsky AL, Rocha NC, McIntyre BB, Jacobs MB, **Ramos, GA**. Vaccination uptake in pregnancy: before and after the start of the COVID-19 pandemic. Jan 2022, *Am J Obstet Gynecol*;S1:S449.
- Delker E, Bandoli G, LaCoursiere Y, Ferran K, Gallo LC, Oren E, Gahagan S, Allison M, **Ramos GA**. Associations between preconception glycemia and preterm birth. Jan 2022, *Am J Obstet Gynecol*;S1:S269.
- Gabby LC,* Jones CK, McIntyre B, **Ramos GA**, Jacobs MB, Parast M. Placental findings in SARS-CoV-2 maternal infection by severity and timing of maternal disease. *Society of Maternal-Fetal Medicine 42nd Annual Pregnancy Meeting.* January 31-February 5, 2022: Orlando, FL.
- Pinson K, Mims JR, Ballas J, Pettit KE, **Ramos GA**. Maternal race/ethnicity and mode of delivery in twin gestations. *ACOG Annual Clinical & Scientific Meeting*, May 2022
- Gabby L, Kobayashi E, Bialostozky R, Gray T, Walzer C, Majithia A, **Ramos GA**. Comparison of point-of-care glucose values and continuous glucose monitor values in intrapartum patients with Type 1 diabetes. Annual meeting of International Association of Diabetes in Pregnancy Study Group, Sydney, Australia, November, 2022.

Invited Presentations

- Gabby LC, Jones CK, McIntyre BB, Meads M, Ramos GA, Jacobs MB, Parast MM. Placental findings in SARS-CoV-2 maternal infection by severity and timing of maternal disease. SMFM 2022 Annual Meeting. Am J Obstet and Gynecol. January 2022; Supp 1:S85-86.
- Management of Diabetes in Pregnancy. CDAPP, Sweet Success, Affiliate training, 2022.
- Management of Diabetes in Pregnancy. Perinatal Advisory Council: Leadership, Advocacy and Consultation, May 2022.

Honors and Awards

- Homer Chin, Teaching Award

TARSA, Maryam

Abstracts

- Waks, A, Pinson P, Melber D, Gudipati S, Anton T, **Tarsa M**, Lamale-Smith L. Modified first trimester ultrasound protocol during COVID: An evaluation of duration and effectiveness. AIUM Annual Convention, J Ultrasound Med 41 (suppl S1) S173. June 2022.
- Hameed, A. B., **Tarsa, M.**, Graves, C. R., Chang, J., Billah, M., & Thiel de Bocanegra, H. (2022). Testing of CVD risk assessment quality measures for pregnant and postpartum women. American Journal of Obstetrics and Gynecology, 226(1). <https://doi.org/10.1016/j.ajog.2021.11.416>
- Modified first trimester ultrasound protocol during COVID: An evaluation of duration and effectiveness, has been accepted for the AIUM 2022 Annual Meeting, being held March 12–16, 2022.
- Timely access to fetal anatomy ultrasound surveillance: before and after the start of the COVID-19 pandemic, has been accepted for the AIUM 2022 Annual Meeting, being held March 12–16, 2022.

Invited Presentations

- **Maryam Tarsa, M.D.**, World Class CME Fetal & Women's Imaging 2022 – Seattle, September 2022. ROLE: Presenter.

- **Maryam Tarsa, M.D.**, Cardio-Obstetric Essentials Virtual Conference November 2022. Invited speaker ROLE: Presenter.

WOELKERS, Douglas

Review Articles and Book Chapters (Peer-reviewed)

- Docheva N, **Woelkers D**, Yao W, Jin Y, Espinoza J, Kunz L, Amegashie C, Gencay M, Harris J, Rana S. Racial differences in healthcare utilization among patients with suspected or confirmed preeclampsia: a retrospective cohort study. Reproductive Sciences, June 2022.

Abstracts

- Fisch KM, Goemans SL, Hernandez F, Diaz Luevano C, Canfield D, Horii M, Laurent LC, Jacobs M, **Woelkers D**, Gyamfi-Bannerman C. 2022. “Low Dose Aspirin for Preeclampsia Prevention: Biomarkers of Aspirin Resistance.” University of California, San Diego, La Jolla, CA, USA.

WOLF, Richard

Review Articles and Book Chapters (Peer-reviewed)

- Creasy and Resnik, 9th edition- 3 chapters “Fetal Abdominal Imaging”, “Fetal Urogenital Imaging”, and “Skeletal Imaging”

REPRODUCTIVE ENDOCRINOLOGY AND INFERTILITY

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Chousal JN, Sohni A, Vitting-Seerup K, Cho K, Kim M, Tan K, Porse B, ***Wilkinson MF**, and ***Cook-Andersen H**. Progression of the pluripotent epiblast depends upon the NMD Factor UPF2. (2022). *Development*, Nov 1;149(21):dev200764 (ePub). PMID: 36255229. *Co-communicating authors.
- Banaszewska B, Ozegowska K, Polska M, Pawelczyk L, **Chang RJ**, **Duleba AJ**. Ibuprofen Reduces Testosterone Level in Women With Polycystic Ovary Syndrome. *J Endocr Soc*. 2022 Aug 13;6(10):bvac128. doi: 10.1210/jendso/bvac128. PMID: 36168587; PMCID: PMC9508875.
- **Harrison T**, **Chang RJ**. Ovarian Response to Follicle Stimulating Hormone in Women with Polycystic Ovary Syndrome is Diminished Compared to Ovulatory Controls. *Clin Endocrinol (Oxf)*. 2022 Mar 4. doi: 10.1111/cen.14708. Epub ahead of print. PMID: 35244287. NIHMS ID 1788373.

AGARWAL, Sanjay

Review Articles and Book Chapters (Peer-reviewed)

- Book Chapter: Anglin HP, Foster WG, **Agarwal SK**. GnRH agonists and antagonists in endometriosis and adenomyosis therapy. In: *Endometriosis and Adenomyosis, Global Perspectives across the Lifespan*. Oral E, ed. 2022, Springer Nature, pp 577-591.

BREEN, Kellie

Peer-Reviewed Research Publications

- Kreisman MJ, McCosh, RB, **Breen, KM**. A modified ultra-sensitive ELISA for measurement of LH in mice. *Endocrinology*, Sep 1;163(9):bqac109, 2022. *Featured in Bernard DJ, Ongaro L. *The Ultrasensitive Luteinizing Hormone (LH) ELISA Gets a New Lease on Life*. *Endocrinology*, Oct 1;163(10):bqac123, 2022.

Invited Presentations

- “Neural mechanisms underlying stress-induced hyperglycemia”
UCLA/UC San Diego Diabetes Research Center Annual Retreat, Los Angeles, CA March 16, 2022
- “Influence of stress on the neural circuits controlling reproduction”
UCLA, Laboratory of Neuroendocrinology, December 2, 2022

Conference Presentations

- “Influence of stress on the neural circuits controlling reproduction”
Workshop on Steroid Hormones and Brain Function, Breckenridge CO, March 2-6, 2022
- “Regulation of luteinizing hormone secretion during stress”
International Congress of Neuroendocrinology, Glasgow, Scotland, August 7-11, 2022

CHANG, R. Jeffrey

Peer-Reviewed Research Publications

- Banaszewska B, Ozegowska K, Polska M, Pawelczyk L, **Chang RJ**, Duleba AJ. Ibuprofen Reduces Testosterone Level in Women With Polycystic Ovary Syndrome. *J Endocr Soc.* 2022 Aug 13;6(10):bvac128. doi: 10.1210/jendso/bvac128. PMID: 36168587; PMCID: PMC9508875.
- Harrison T, **Chang RJ**. Ovarian Response to Follicle Stimulating Hormone in Women with Polycystic Ovary Syndrome is Diminished Compared to Ovulatory Controls. *Clin Endocrinol (Oxf).* 2022 Mar 4. doi: 10.1111/cen.14708. Epub ahead of print. PMID: 35244287. NIHMS ID 1788373.

Abstracts

- Banaszewska B, Ozegowska K, Polska M, Pawelczyk L, **Chang RJ**, Duleba AJ. Ibuprofen reduces testosterone level in women with polycystic ovary syndrome. 69th Annual Meeting of the Society for Reproductive Medicine, Denver, CO, March 15-19, 2022.

COOK-ANDERSEN, Heidi

Peer-Reviewed Research Publications

- Chousal JN, Sohni A, Vitting-Seerup K, Cho K, Kim M, Tan K, Porse B, *Wilkinson MF, and ***Cook-Andersen H.** Progression of the pluripotent epiblast depends upon the NMD Factor UPF2. (2022). *Development*, Nov 1;149(21):dev200764 (ePub). PMID: 36255229. *Co-communicating authors.

Abstracts

- Soyalan O, Cho K, and Cook-Andersen H. “Regulation of RNA Polymerase II elongation in Global Transcriptional Silencing in the oocyte.” Poster presentation. CSHL Germ Cell Meeting: Cold Spring Harbor, New York. Planned October 2022.
- Lee K, Cho K, and Cook-Andersen H. “The dynamic landscape of polyA tail lengths across the mammalian oocyte-to-embryo transition.” Oral presentation. RNA Society Annual Meeting: Bolder, Colorado. 2022.
- Lee K, Cho K, and Cook-Andersen H. “The dynamic landscape of polyA tail lengths across the mammalian oocyte-to-embryo transition.” Poster presentation. Maternal Zygotic Transition Meeting: Vienna, Austria. 2022.

Invited Presentations

- 2022 Cook-Andersen H. Invited speaker. “What does it take to make a good embryo?” Oregon National Primate Research Center, Portland, Oregon. *October 2022.*
- 2022 Cook-Andersen H. Invited speaker. “Determining the determinants of human embryo potential.” Sanford Stem Cell Symposium. *October 2022.*
- 2022 Cook-Andersen H. Invited speaker. “The dynamic landscape of polyA tail lengths driving the transition from oocyte to embryo in mammals.” Gordon Research Conference: Post-transcriptional Regulation of Gene Expression. Portland, Maine.

Peer-Reviewed Research Publications

- Banaszewska B, Ozegowska K, Polska M, Pawelczyk L, Chang RJ, **Duleba AJ**. Ibuprofen Reduces Testosterone Level in Women With Polycystic Ovary Syndrome. *J Endocr Soc*. 2022 Aug 13;6(10):bvac128. doi: 10.1210/jendso/bvac128. PMID: 36168587; PMCID: PMC9508875.

Review Articles and Book Chapters (Peer-reviewed)

- Sokalska A, Ortega I, **Duleba AJ**. Role of statins and resveratrol. In I Pal, DB Seifer (eds) *Polycystic ovary syndrome*. Springer, Cham, Switzerland. 255-77; 2022.

Abstracts

- Medica A, **Duleba A**, Tan K & Wilkinson MF, “Identification of a Granulosa Cell Gene Signature that Predicts High vs. Low Ovarian Responsiveness for IVF,” American Society for Reproductive Medicine (ASRM) Annual Conference: “Genes, Gametes, and Genetics,” Anaheim, CA (22-26 October 2022).
- Banaszewska B, Ozegowska K, Polska M, Pawelczyk L, Chang RJ, **Duleba AJ**. Ibuprofen reduces testosterone level in women with polycystic ovary syndrome. 69th Annual Meeting of the Society for Reproductive Medicine, Denver, CO, March 15-19, 2022.

Invited Presentations

- Grand Rounds: “Paracrine Aspects of PCOS”. University of California, San Francisco, Division of Diabetes, Endocrinology and Metabolism. San Francisco, March 9th, 2022.
- Examiner: Ph.D. Defense. Thesis: “Cytokine profiling as a measure of immunological development and deviation throughout pregnancy in healthy women and women with PCOS” by Live Marie Tobiesen Stokkeland. Norwegian University of Science and Technology, Trondheim, Norway, June 13th, 2022.
- Invited Presentation: “PCOS: Unorthodox Concepts”, University of California, San Francisco, Division of Reproductive Endocrinology and Infertility. San Francisco, July 12th, 2022.
- Invited presentation: “Clomiphene Citrate/Gonadotropins”. 33rd Annual In Vitro Fertilization and Embryo Transfer. A Comprehensive Update-2022. Coronado, CA, July 18-21, 2022.

- Invited presentation: “Deferred Transfer results in Increased Implantation and Shift in Perinatal Complications”. 33rd Annual In Vitro Fertilization and Embryo Transfer. A Comprehensive Update-2022. Coronado, CA, July 18-21, 2022.

HARRISON, Tracy

Peer-Reviewed Research Publications

- **Harrison T**, Chang RJ. Ovarian Response to Follicle Stimulating Hormone in Women with Polycystic Ovary Syndrome is Diminished Compared to Ovulatory Controls. *Clin Endocrinol (Oxf)*. 2022 Mar 4. doi: 10.1111/cen.14708. Epub ahead of print. PMID: 35244287. NIHMS ID 1788373.

Invited Presentations

- UCSD Department of Medicine Grand Rounds, Gender Affirming Care, October 2022.

KAUFFMAN, Sasha

Peer-Reviewed Research Publications

- EA Coutinho, LA Esparza, AD Hudson, N Rizo, P Steffen, and **AS Kauffman**. Conditional deletion of KOR (Oprk1) in kisspeptin cells does not alter LH pulses, puberty, or fertility in mice. *Endocrinology* (Accepted, In Press). **2022**. [PMCID: In Progress].
- Kukino A, Walbeek TJ, Sun LJ, Watt AT, Park JH, **Kauffman AS**, Butler MP. Mistimed restricted feeding disrupts circadian rhythms of male mating behavior and female preovulatory LH surges in mice. *Hormones and Behavior* (Accepted, In Press). **2022**. [PMCID: In Progress].
- SJ Semaan and **AS Kauffman**. Developmental sex differences in the peri-pubertal pattern of hypothalamic reproductive gene expression, including *Kiss1* and *Tac2*, may contribute to sex differences in puberty onset. *Molecular and Cellular Endocrinology* (Accepted, In Press) **2022**. [PMCID: In Progress].
- GS Kavanagh, J Tadi, SM Balkenhol, **AS Kauffman**, SK Maloney, and JT Smith. Kisspeptin impacts on circadian and ultradian rhythms of core body temperature: evidence in kisspeptin receptor knockout and kisspeptin knockdown mice. *Mol. Cell. Endocrinology*, Feb 15; 542:111530. **2022**. [PMCID: In Progress].

Review Articles and Book Chapters (Peer-reviewed)

- **AS Kauffman**. Neuroendocrine mechanisms underlying estrogen positive feedback and the LH surge. *Frontiers in Neuroscience*, 16: 953252. doi.10.3389/fnins.2022.953252. **2022**. [PMCID: PMC9364933].
- AD Hudson and **AS Kauffman**. Metabolic actions of kisspeptin signaling: effects on body weight, energy expenditure, and feeding. *Pharmacology & Therapeutics*. 231: 107974, 1-14. **2022**. [PMCID: PMC8884343].

Invited Presentations

- 4th World Conference on Kisspeptin, Glasgow, Scotland. Aug. 2022. “Steroid hormone effects on the LH surge and RP3V kisspeptin neurons.”

LAWSON, Mark

Review Articles and Book Chapters (Peer-reviewed)

- Nicholas, D.A., and **M.A. Lawson**. (2023). “Introduction to Endocrinology: The Hypothalamic-Pituitary Axis” in: Goodman & Gilman’s *The Pharmacological Basis of Therapeutics*, 14th Ed., L.L. Brunton, B.C. Knollman, eds. McGraw Hill ISBN 9781264258079.

Abstracts

- PMON56 LH synthesis is regulated by RNA-binding protein ZFP36 bound with AU-rich elements in gonadotropes. T. Terasaka, T. Miyazaki, M. Arichi, K Inagaki, **M. Lawson**, J. Wada - *Journal of the Endocrine Society*, 2022.
- aPC/PAR1 confers endothelial anti-apoptotic activity via a discrete β -arrestin-2 mediated SphK1-S1PR1-Akt signaling axis. L.B. Orduna-Castillo, O. Molinar-Inglis, D. Nicholas, M. Cisneros-Aguirre, A. Patwardhan, N. Grimsey, **M.A. Lawson**, H. Patel, J. Trejo. 2022. *FASEB Journal*, 36.

Invited Presentations

- DERC Monthly Metabolism Meeting. “Metabolic Feedback Control in the Reproductive Neuroendocrine Axis” March 9, 2022.

Honors and Awards

- *Outstanding Contributions to NMRI Award*. Network of Minority Health Research Investigators 20th Anniversary Award Presentation, April 21st, 2022.

MELLON, Pamela L.

Peer-Reviewed Research Publications

- Meadows, J. D., Breuer, J. A., Lavalle, S. N., Hirschenberger, M. R., Patel, M. M., Nguyen, D., Kim, A., Cassin, J., Gorman, M. R., Welsh, D. K., **Mellon, P. L.**, and Hoffmann, H. M. (2022). Deletion of Six3 in post-proliferative neurons produces weakened SCN circadian output, improved metabolic function, and dwarfism in male mice. *Molecular Metabolism* 57(3), 101431. PMID: 34974160. PMC8810556.
- Lavalle, S. N., Chou, T., Hernandez, J., Naing, N. C. P., He, M. Y., Tonsfeldt, K. J., and **Mellon, P. L.** (2022). Deletion of the Homeodomain Gene SIX3 from Kisspeptin Neurons Causes Subfertility in Female Mice. *Molecular and Cellular Endocrinology* 456(4), 111577. PMID: 35121076. PMC8934285.
- Tonsfeldt, K. J., Cui, L. J., Lee, J., Walbeek, T. J., Brusman, L. E., Jin, Y., Mieda, M., Gorman, M. R., **Mellon, P. L.** (2022). Female Fertility Does Not Require Bmal1 in Suprachiasmatic Nucleus Neurons Expressing Arginine Vasopressin, Vasoactive Intestinal Peptide, or Neuromedin-S. *Frontiers in Endocrinology* 13:956169. PMID: 35992114. PMC9389073.

Review Articles and Book Chapters (Peer-reviewed)

- Tonsfeldt, K. J., **Mellon, P. L.**, and Hoffmann, H. M. (2022). Circadian Rhythms in the Neuronal Network Timing the Luteinizing Hormone Surge. *Endocrinology* 163 (2), 1-10. bqab268. (Review Article). PMID: 34967900; PMC8782605.

Abstracts

- Tonsfeldt, K.J., Hernandez, J.A., Babwah, A.V., **Mellon, P.L.** (2022). Sexual Dimorphism of *Kiss1* and *Kiss1R* in the Periaqueductal Gray. International Congress of Neuroendocrinology, Glasgow, Scotland.

- Tonsfeldt, K.J.*, Chun, L.E.*, Patel, M., Naing, N.C.P., Cassin, J., Gorman, M.R., **Mellon, P.L.** (2022). Loss of the Homeodomain Transcription Factor *Six3* in Neuromedin-S Neurons Alters Wheel Running Behavior in Male, but not Female Mice. Society for Research on Biological Rhythms. *Co-First
- Cassin, J.*, Stamou, M.I.*, Keefe, K.W., Sung, K.E., Bojo, C.C., Tonsfeldt, K.J., Chin, A.Y., Seminara, S.B., Balasubramanian, R.#, **Mellon, P.L.#** (2022). Mutations in SOX2 are a novel hypothalamic cause of Hypogonadotropic Hypogonadism. The Society for Neuroscience Annual Meeting. *Co-First, #Co-Senior.
- Tonsfeldt, K.J.*, Chun, L.E.*, Patel, M., Naing, N.C.P., Cassin, J., Gorman, M.R., **Mellon, P.L.** (2022). Circadian Behavior in Mice with Conditional Deletion of *Six3* in Neuromedin-S Neurons. The Society for Neuroscience Annual Meeting. *Co-First.

SU, Irene

Peer-Reviewed Research Publications

- Weiner LS, Nagel S, **Su HI**, Hurst S, Levy SS, Arredondo EM, Hekler E, Hartman SJ. A Remotely Delivered, Peer-Led Intervention to Improve Physical Activity and Quality of Life in Younger Breast Cancer Survivors. *J of Behavioral Med.* in press.
- Desai M., Zhou B., Nalawade V., Murphy JD, Veeravalli N, Henk H, Gyamfi-Bannerman C, Whitcomb B, **Su HI**. Maternal Comorbidity and Adverse Perinatal Outcomes in Adolescent and Young Adult Cancer Survivors: a Cohort Study. *British Journal of Obstetrics and Gynecology*, in press.
- Din HN, Strong D, Singh-Carlson S, Corliss HL, Hartman SJ, Madanat H, **Su HI**. The effect of changing pregnancy intentions on preconception health behaviors: a prospective cohort study. *J Cancer Surviv.* 2022 Oct 27. doi: 10.1007/s11764-022-01281-1. Epub ahead of print. PMID: 36289184.
- Yang E, Dornisch A, Nerb L, Helsten T, Kaiser BN, Aristizabal P, Armenian S, Torno LL, Baca NM, Genensen MC, **Su HI**, Romero SAD. A Multicomponent Telehealth Intervention to Improve Oncofertility Care Delivery Among Young Cancer Patients: A Pilot Study. *J Adolesc Young Adult Oncol.* 2022 May 27. doi: 10.1089/jayao.2021.0224. Epub ahead of print. PMID: 35639102.
- Zhou B, Kwan B, Desai MJ, Nalawade V, Ruddy KJ, Nathan PC, Henk HJ, Murphy JD, Whitcomb BW, **Su HI**. Long-term antimüllerian hormone patterns differ by cancer treatment exposures in young breast cancer survivors. *Fertil Steril.* 2022 May;117(5):1047-1056. doi: 10.1016/j.fertnstert.2022.01.016. Epub 2022 Feb 23. PMID: 35216831; PMCID: PMC9081208.

- Din HN, Strong D, Singh-Carlson S, Corliss HL, Hartman SJ, Madanat H, **Su HI**. Association between pregnancy intention and preconception health behaviors. *Cancer*. 2022 Feb 1;128(3):615-623. doi: 10.1002/cncr.33958. Epub 2021 Oct 11. PMID: 34634132; PMCID: PMC9546522.

Review Articles and Book Chapters (Peer-reviewed)

- Spector LG, Moertel CL, **Su HI**. Maternal Contraceptive Use and Central Nervous System Tumors in Offspring. *JAMA*. 2022 Jan 4;327(1):39-40. doi: 10.1001/jama.2021.21809. PMID: 34982137.

Abstracts

- Weiner LS, Nagel S, **Su HI**, Hurst S, Levy SS, Arredondo EM, Hekler E, Hartman SJ. "A Remotely Delivered, Peer-Led Intervention to Improve Physical Activity and Quality of Life in Younger Breast Cancer Survivors" Society of Behavioral Medicine, 2022.
- Zhou B; Kwan B; Whitcomb B; **Su HI**. (2022, March 24-27). Low anti-Mullerian hormone levels are associated with miscarriage in a general female population [Poster presentation]. Pacific Coast Reproductive Society, Indian Wells, CA, USA.
- Zhou B; Kwan B; Whitcomb B; **Su HI**. "Platinum chemotherapy causes reproductive harm in female adolescent and young adult (AYA) survivors." Oral presentation, American Society of Reproductive Medicine, 2022

Invited Presentations

- December 2022: Interviewed for NPR News on sickle cell disease and fertility care

THACKRAY, Varykina

Review Articles and Book Chapters (Peer-reviewed)

- Sisk-Hackworth, L, Kelley, S.T., and **Thackray, V.G**. (2022) Sex, Puberty and the Gut Microbiome. *Reproduction* 2022 Nov 1;REP-22-0303. doi: 10.1530/REP-22-0303.

Abstracts

- Sisk-Hackworth, L., Ogden. S., Brown, J., **Thackray, V.G.**, and Kelley, S.T. (2022) β -Glucuronidase Activity in Murine Gut Microbiota. *American Society for Microbiology Microbe Meeting*, Washington, D.C.

WILKINSON, Miles

Peer-Reviewed Research Publications

- Tan K, Kim ME, Song HW, Skarbrevik D, Babajanian E, Bedrosian TA, Gage FH, **Wilkinson MF**. The *Rhox* gene cluster suppresses germline *L1NE1* transposition. *Proc Natl Acad Sci U S A*. 2021 Jun 8;118(23):e2024785118. doi: 10.1073/pnas.2024785118. PMID: 34083437; PMCID: PMC8201764.:
<https://ucsdhealthsciences.tumblr.com/post/653000602496925696/rhox-genes-how-these-guardians-of-the-genome-may>
- Tan K, Song HW, **Wilkinson MF**. RHOX10 drives mouse spermatogonial stem cell establishment through a transcription factor signaling cascade. *Cell Rep*. 2021 Jul 20;36(3):109423. doi: 10.1016/j.celrep.2021.109423. PMID: 34289349; PMCID: PMC8357189.:
<https://ucsdhealthsciences.tumblr.com/post/657248445534486528/gene-waves-drive-sperm-stem-cell-formation>
<https://www.newswise.com/articles/gene-waves-drive-sperm-stem-cell-formation>
<https://twitter.com/UCSDMedSchool/status/1417577632799940609>
- Bhardwaj A, Sohni A, Lou CH, De Gendt K, Zhang F, Kim E, Subbarayalu P, Chan W, Kerkhofs S, Classens F, Kimmins S, Rao MK, Meistrich M & **Wilkinson MF**. Concordant Androgen-Regulated Expression of Divergent *Rhox5* Promoters in Sertoli Cells. *Endocrinology* Jan 1;163(1):bqab237. doi: 10.1210/endocr/bqab237 (2021). PMID: 34902009, PMCID: PMC8667857.
- Mortazavi M, Ren Y, Saini S, Antaki D, St. Pierre CL, Williams A, Sohni A, **Wilkinson MF**, Gymrek M, Sebat J & Palmer A. SNPs, Short Tandem Repeats, and Structural Variants are Responsible for Differential Gene Expression Across C57BL/6 and C57BL/10 Substrains. *Cell Genomics* 2:100102 (11 pg)
<https://doi.org/10.1016/j.xgen.2022.100102> (2022).
- Tan K & **Wilkinson MF**. SLAMseq Reveals that Both Transcription and RNA Turnover Contribute to Germline Specification. *Nucleic Acids Research* 50:7310-25 (2022). Role: I played a major role in writing up and revising the manuscript (along with rebuttal letters).
- Chousal JN, Sohni A, Vitting-Seerup K, Cho K, Kim M, Tan K, Porse B, **Wilkinson MF*** & Cook-Andersen H* Development (in press). *Co-corresponding authors. PMID: 36255229.

Review Articles and Book Chapters (Peer-reviewed)

- Tan K, Stupack D & **Wilkinson MF**. Nonsense-Mediated RNA Decay: A Modulator of Malignancy. Nature Reviews Cancer DOI: 10.1038/s41568-022-00481-2 (2022) PMID: 35624152.

Abstracts

- Medica A, Duleba A, Tan K & **Wilkinson MF**, “Identification of a Granulosa Cell Gene Signature that Predicts High vs. Low Ovarian Responsiveness for IVF,” American Society for Reproductive Medicine (ASRM) Annual Conference: “Genes, Gametes, and Genetics,” Anaheim, CA (22-26 October 2022).
- Sohni A, Brannan T, Tan K & **Wilkinson MF**, “The NMD Factor UPF3B Shapes RNA Metabolism During Mammalian Neural Development, American Society for Human Genetics (ASHG) annual conference (virtual) (18-22 October, 2021).
- **Wilkinson MF**, “What Spermatogonial Stem Cells Can Tell Us About Molecular Networks, Infertility, and Selfish DNA,” North American Testes Workshop, Andrology Society, La Jolla, CA (4-7 May, 2022).
- Smith C, Medica A, Tan K, Hsieh T-C & **Wilkinson MF**, “Stage-Specific Human Spermatogonial Markers Identified by Single-Cell RNA-Sequencing Analysis,” North American Testes Workshop, Andrology Society, La Jolla, CA (4-7 May, 2022). Role: This work was largely conducted in my lab and I was largely responsible for writing the Abstract, which was presented as a poster by the first author.
- Tan K, Sukwani M, Orwig KE & **Wilkinson MF**, “A Master Transcription Factor Influencing Both Pro-Spermatogonia and SSC Differentiation,” North American Testes Workshop, Andrology Society, La Jolla, CA (4-7 May, 2022). Role: This work was largely conducted in my lab and I was largely responsible for writing the Abstract that was presented as an oral presentation by the first author.
- Tan K, Sukwani M, Orwig KE & **Wilkinson MF**, “The Transcription Factor RHOX10 has a Dual Role in SSCs,” Gordon Research Conference on Mammalian Reproduction, Mount Snow, VT (14-19 August, 2022). Role: I will present this work as an oral presentation.

Invited Presentations

- “The NMD Factor UPF3B Shapes RNA Metabolism During Mammalian Neural Development,” American Society for Human Genetics (ASHG) annual conference (virtual) (18-22 October, 2021).

- “AKT Signaling Inhibition Favors Culture of Human Undifferentiated Spermatogonia,” 12th International Congress on Andrology, Munster, Germany (5-9 December 2020).
- “What Spermatogonial Stem Cells Can Tell Us About Molecular Networks, Infertility, and Selfish DNA,” North American Testes Workshop, La Jolla, CA (4-7 May 2022).
- “The Transcription Factor RHOX10 has a Dual Role in SSCs,” (Presented by my Assistant Project Scientist Kun Tan) North American Testes Workshop, La Jolla, CA (4-7 May 2022).
- “What Spermatogonial Stem Cells Can Tell Us About Molecular Networks, Infertility, and Selfish DNA,” Society for Study of Reproduction (SSR) Annual Meeting, Spokane, WA (26-29 July, 2022).
- “Tripartite Role for a Single Transcription Factor in Germ Cells” Gordon Research Conference: Mammalian Reproduction, Mount Snow, West Dover, VT (14-19 August, 2022).
- “What stem cells can tell us about molecular networks, disease, and selfish DNA, University of Texas, San Antonio (11 January) 2022.
- “Gene Expression is Not Only Dictated by Transcription,” University of California, Riverside (16 May) 2022.
- “Germ Cell Happiness and the Limits of RNAseq,” University of California, Davis (31 Oct) 2022.