

DEPARTMENT OF OBSTETRICS, GYNECOLOGY, AND REPRODUCTIVE SCIENCES
2023 DEPARTMENT CURRICULUM VITAE
Executive Summary

(n) is number of faculty in the division	Department Total	Family Planning (4)	General OG (16)	GynOnc (7)	Hosp (7)	MFM (18)	REI (10)	URPS (5)
Peer-Reviewed Research Publications	213	18	12	13	8	112	28	22
Review Articles and Book Chapters	39	1	1	6	0	22	3	6
Abstracts	152	9	8	32	3	70	16	14
Invited Presentations	141	11	25	21	6	37	18	23
Honors and Awards	54	0	21	13	4	6	3	7

Scholarly work with multiple faculty members across divisions:

Peer-Reviewed Research Publications

- Desai M, Zhou B, Nalawade V, **Gyamfi-Bannerman C**, Veeravalli N, Henk H, Murphy J, Whitcomb B, **Su HI**. Maternal comorbidity and adverse perinatal outcomes in survivors of adolescent and young adult cancer: A cohort study. BJOG. 2023 Jan 19. doi: 10.1111/1471-0528.17380. Epub ahead of print. PMID: 36655360.
- **Averbach S**, Ha D, **Meadows A**, **Brubaker L**, **Gyamfi-Bannerman C**. Failure to progress: structural racism in women's healthcare. EClinicalMedicine. 2023 Feb 16;57:101861. doi: 10.1016/j.eclinm.2023.101861. PMID: 36864981; PMCID: PMC9971514.
- Delker E, **Ramos GA**, Bandoli G, **LaCoursiere DY**, Ferran K, Gallo LC, Oren E, Gahagan S, Allison M. Associations Between Preconception Glycemia and Preterm Birth: The Potential Role of Health Care Access and Utilization. J Womens Health (Larchmt). 2023 Mar;32(3):274-282. doi: 10.1089/jwh.2022.0256. Epub 2023 Feb 16. PMID: 36796052
- Ha D, Ghebrendrias S, **Meadows A**, **LaCoursiere DY**, **Lewis A**, **Lawson M**, Morales M, **Gyamfi-Bannerman C**, **Brubaker L**. The Culture and Justice Quorum at University of California, San Diego: A Departmental Approach to

Dismantling Structural Racism. *Acad Med*. 2023 Mar 1:e005200. doi: 10.1097/ACM.0000000000005200. Epub ahead of print. PMID: 36862643.

- Ghebrendrias S, **Mody S**, Washington S, Hussein B, Jama F, **Jacobs M**. A Cervical Cancer Screening Toolkit for Somali Women: A Pilot Randomized Controlled Trial. *J Immigr Minor Health*. 2023 Apr 18:1–8. doi: 10.1007/s10903-023-01455-8. Epub ahead of print. PMID: 37071376; PMCID: PMC10111298.
- **Pickett C**, Foster WG, **Agarwal S**. Current endometriosis care and opportunities for improvement. *Reprod Fertil*. 2023 Jul 1;4(3):e220091. doi: 10.1530/RAF-22-0091. Epub ahead of print. PMID: 37402150; PMCID: PMC10448566.
- Rabin BA, Cain KL, Watson P Jr, Oswald W, **Laurent LC**, **Meadows AR**, Seifert M, Munoz FA, Salgin L, Aldous J, Diaz EA, Villodas M, Vijaykumar S, O'Leary ST, Stadnick NA. Scaling and sustaining COVID-19 vaccination through meaningful community engagement and care coordination for underserved communities: hybrid type 3 effectiveness-implementation sequential multiple assignment randomized trial. *Implement Sci*. 2023 Jul 14;18(1):28. doi: 10.1186/s13012-023-01283-2. PMID: 37443044; PMCID: PMC10347705.
- Cunningham SD, Lindberg S, Joinson C, Shoham D, Chu H, Newman D, Epperson N, **Brubaker L**, Low KL, Camenga DR, **LaCoursiere DY**, Kenton K, Sutcliffe S, Markland AD, Gahagan S, Coyne-Beasley T, Constantine M, Berry A, PLUS Research Consortium; Association between maternal antenatal and postnatal depression and lower urinary tract symptoms in their primary school-age daughters: A birth cohort study. *Journal of Pediatric Psychology* (in press) 2023 Sept.
- Zachek C, **Mody S**, Siddiqui N, Sandoval S, Bukowski K, **Jacobs M**, **Averbach S**. Exploring the impact of COVID-19 on gestational age at the time of abortion: An interrupted time series analysis among patients receiving abortions in Southwest California. *AJOG*. 2023, 228(6):753-756. PMID: 36740033.
- Berman ZT, Boone CE, Melber DJ, **Ballas J**, Parikh R, **Ramos GA**, **Kelly TF**, **McHale MT**, Picel AC, Roberts AC. Intra-Operative Multivessel Embolization Reduces Blood Loss and Transfusion Requirements Compared to Internal Iliac Artery Balloon Placement During Cesarean Hysterectomy for Placenta Accreta Spectrum. *Journal of Vascular and Interventional Radiology*. 2023. doi: <https://doi.org/10.1016/j.jvir.2023.07.024>.
- Sullender RT, **Jacobs MB**, Sandhu MS, **Lacoursiere DY**, Diaz Luevano C, **Pickett CM**, **Agarwal SK**. Perception and Comfort with Endometriosis Management Among OB/GYN Residents. *Int J Womens Health*. 2023 Nov 20;15:1801-1809. doi: 10.2147/IJWH.S424554. PMID: 38020939; PMCID: PMC10675651.
- **SK Agarwal**, B Choudhury, LS Robinson, SR Morrill, Y Bouchibiti, D Chilin-Fuentes, SB Rosenthal, **KM Fisch**, JF Peipert, CB Lebrilla, JE Allsworth, **AL Lewis***, **WG Lewis***. "Resident microbes shape the vaginal epithelial glycan landscape." *Science Translational Medicine* 15 (724), eabp9599*Co-corresponding authors Initial Preprint: medRxiv 2022.02.23.22271417; doi: <https://doi.org/10.1101/2022.02.23.22271417>.

- Kumar T, Bryant M, Cantrell K, Song SJ, McDonald D, Tubb HM, Farmer S, **Lewis A, Lukacz ES, Brubaker L, Knight R.** Effects of variation in sample storage conditions and swab order on 16S vaginal microbiome analyses. *Microbiol Spectr.* 2023 Dec 14:e0371223. doi: 10.1128/spectrum.03712-23. Epub ahead of print. PMID: 38095462.
- Chousal N. J, Morey R , Srinivasan S, Lee K, Cho K, Zhang W, Yeo AL, Garzo VG, Parast MM, **Laurent LC; Cook-Andersen H.** “Molecular profiling of human blastocysts reveals primitive endoderm defects among embryos of decreased implantation potential.” Accepted in “Cell Reports”. 2023. doi:https://doi.org/10.1101/2023.05.09.539763.

Review Articles and Book Chapters (Peer-reviewed)

- Karunaratne M, Melber DJ, **Su HI, Ramos GA.** Dicavitary twin pregnancy in patient with bicornuate bicollis uterine anomaly. *Clin Case Rep.* 2023 Jun 7;11(6):e7440. doi: 10.1002/ccr3.7440. PMID: 37305878; PMCID: PMC10248201.

Abstracts

- Goemans, S., Pinson, K., **Jacobs, M., Hoang, M., Fisch, K.,** Longhurst, C., **Tarsa, M., Gyamfi-Bannerman, C.** 2023. The inequity of eclampsia in Southern California. The Society for Maternal-Fetal Medicine 2023 Annual Pregnancy Meeting, San Francisco, CA. (*poster presentation*).
- Rodriguez-Soto AE, Lundstrom EM, Besser A, Loubrie S, Conlin CC, Jordan S, Batasin S, Ebrahimi S, Schlein A, Hahn M, Seibert T, Dale AM, Hom-Tedla M, **Saenz C, Varon S, McHale M,** Rakow-Penner R. “Multi-exponential model of diffusion signal with fixed ADCs in healthy and cancerous cervix tissues”. International Society for Magnetic Resonance in Medicine 2023 Annual Meeting & Exhibition, Toronto, Ontario, Canada, June 3-8, 2023. (poster).
- Sullender RT, **Jacobs MB,** Sandhu MS, **LaCoursiere DY,** Diaz Luevano C, **Pickett CM, Agarwal SK.** Room for improvement: OB/GYN residents’ training and comfort with endometriosis. 2023 AAGL Global Congress. November 5-8, 2023: Nashville, TN.
- Garcia, Christopher, Leandro Velez, Chelsea Fox, Adam Mark, **Kathleen M Fisch, Mark A Lawson, Antoni Duleba,** Marcus M Seldin, and Dequina Nicholas. “FRI287 Pituitary Gene Signatures Link Chronic Systemic Inflammation To Female Reproductive Physiology.” *Journal of the Endocrine Society* 7, no. Supplement_1 (2023).

List by division (alpha)

FAMILY PLANNING

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Ha, D, Economou, N, Vachon, D, **Mody, S, Gupta, P**. Evaluation of an Advocacy Curriculum. Integrated in the Obstetrics and Gynecology Clerkship. Poster presentation at the APGO/CREOG annual meeting, March 2023. Baltimore, MD.
- Sandoval S, Chen G, Rafie S, Rabin B, **Mody S, Averbach S**. A Qualitative Analysis of Pharmacists' Attitudes Towards Provision of Medication Abortion. BMC Health Services Research 2023, 23(1):557. PMID: 37254171.
- Zachek C, **Mody S**, Siddiqui N, Sandoval S, Bukowski K, Jacobs M, **Averbach S**. Exploring the impact of COVID-19 on gestational age at the time of abortion: An interrupted time series analysis among patients receiving abortions in Southwest California. AJOG. 2023, 228(6):753-756. PMID: 36740033.
- Sandoval S, Rafie S, Kully G, **Mody S, Averbach S**, Pharmacist Provision of Medication Abortion: A Pilot Study. Contraception. 2023 Dec 6:110346. Online ahead of print. PMID: 38065286.

Abstracts

- ACOG Annual Clinical Scientific Meeting 2023. Poster Presentation: Rigler N, **Averbach S**, Sandoval S, Meurice M, Hildebrand M, **Mody S**. Clinician perspectives on the barriers and facilitators of extended use of the contraceptive implant.
- Society of Family Planning 2023. Oral Presentation: Vachon D, Hildebrand M, **Averbach S**, Turok J, Steinauer J, **Mody S**. The Impact of Dobbs v. Jackson on Abortion Training in Obstetrics and Gynecology Residency Programs a Qualitative Study.
- American Public Health Association. Oral Presentation 2023: Pai M, Rigler N, Hildebrand M, **Averbach S, Mody S**. Cross-section survey of clinician on evidence-based practices.

AVERBACH, Sarah

Peer-Reviewed Research Publications

- Sandoval S, Rafie S, Kully G, Mody S, **Averbach S**, Pharmacist Provision of Medication Abortion: A Pilot Study. *Contraception*. 2023 Dec 6:110346. Online ahead of print. PMID: 38065286
- Goemans S, Singh A, Yadav AK, McDougal L, Raj A, **Averbach SH**. The association between self-Managed versus clinician-managed abortion and self-reported abortion complications: A cross-sectional analysis in India. *Int J Womens Health*. 2023;15:1467-1473. PMID: 37795194.
- **Averbach S**, Thomas E, Kully G, Nazarbegian M, Ghule M, Rabin B, Raj A, Bhan N. Understanding feasibility and acceptability of implementation of linking delivery of family planning and infant vaccination care in rural Maharashtra, India: a qualitative study. *BMC pregnancy and childbirth* 2023. *BMC Pregnancy Childbirth*. 2023;15;23(1):519. PMID: 37454051.
- Begum S, Chalmiers MA, Prusty RK, Johns NE, Ghule M, Saggurti N, Silverman J, **Averbach S**, Raj A. Spousal Concordance in Attitudes Toward Intimate Partner Violence (IPV) and Its Association With Physical IPV Against Women: A Cross-Sectional Study Among Young Married Couples in Rural India. *Partner Abuse* 2023. Epub ahead of print.
- Sandoval S, Chen G, Rafie S, Rabin B, Mody S, **Averbach S**. A Qualitative Analysis of Pharmacists' Attitudes Towards Provision of Medication Abortion. *BMC Health Services Research* 2023, 23(1):557. PMID: 37254171.
- Ermias Y, **Averbach S**, Dey A, Gebrehanna E, Holt K. The Association Between Quality of Contraceptive Counseling and Selection of Contraceptive Method Post-Counseling Among Women in Ethiopia. *Contraception* 2023, epub ahead of print PMID: 37178813.
- **Averbach S**, Kully G, Hinz E, Dey A, Berkeley H, Hildebrand M, Vaida F, Haider S, Hofler L. Early versus Interval Postpartum Intrauterine Device Placement: A Randomized Trial. *JAMA*. 2023,21;329(11):910-917. PMID: 36943214.
- Zachek C, Mody S, Siddiqui N, Sandoval S, Bukowski K, Jacobs M, **Averbach S**. Exploring the impact of COVID-19 on gestational age at the time of abortion: An interrupted time series analysis among patients receiving abortions in Southwest California. *AJOG*. 2023, 228(6):753-756. PMID: 36740033.
- **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*. 2023: 118:109907. PMID: 36328094.
- **Averbach S**, Ha D, Meadows A, Brubaker L, Gyamfi-Bannerman C. Failure to progress: structural racism in women's healthcare. *EClinicalMedicine*. 2023 Feb 16;57:101861. doi: 10.1016/j.eclinm.2023.101861. PMID: 36864981; PMCID: PMC9971514.

Abstracts

- ACOG Annual Clinical Scientific Meeting 2023. Poster Presentation: Rigler N, **Averbach S**, Sandoval S, Meurice M, Hildebrand M, Mody S. Clinician perspectives on the barriers and facilitators of extended use of the contraceptive implant.
- Society of Family Planning 2023. Oral Presentation: Vachon D, Hildebrand M, **Averbach S**, Turok J, Steinauer J, Mody S. The Impact of Dobbs v. Jackson on Abortion Training in Obstetrics and Gynecology Residency Programs a Qualitative Study
- American Public Health Association. Oral Presentation 2023: Pai M, Rigler N, Hildebrand M, **Averbach S**, Mody S. Cross-section survey of clinician on evidence-based practices

Invited Presentations

- August 2023. Plenary. North American Refugee Health Conference. Calgary, Canada. “Clinical Considerations for Reproductive Healthcare for Refugees and Asylum Seekers.”

GUPTA, Pratima

Peer-Reviewed Research Publications

- Ha, D, Economou, N, Vachon, D, Mody, S, **Gupta, P**. Evaluation of an Advocacy Curriculum. Integrated in the Obstetrics and Gynecology Clerkship. Poster presentation at the APGO/CREOG annual meeting, March 2023. Baltimore, MD.

Invited Presentations

- 11/23 ACOG Webinar- California Landscape post-Dobbs
- 10/23. Riverside Community Hospital- IUD and Manual Uterine Aspiration training for OB/GYN residents
- 9/23 The Downstream Impact of the Dobbs Decision on Medical Education, OB/GYN Careers, and Patient Outcomes: A Panel Discussion. ACOG Annual District Meeting. Maui, HI
- 3/23 Highland Hospital- Manual Uterine Aspiration training for Emergency Department Physician team
- 2/23 Kaiser Oakland Grand Rounds- What you can do as a Physician Advocate

MODY, Sheila

Peer-Reviewed Research Publications

- Conroy C, Jain T, **Mody SK**. Interest in peer support persons among patients experiencing early pregnancy loss. *BMC Pregnancy Childbirth*. 2023 Jul 11;23(1):506. doi: 10.1186/s12884-023-05816-x. PMID: 37434154; PMCID: PMC10334662.
- Sandoval S, Chen G, Rafie S, Rabin B, **Mody S**, Averbach S. A qualitative analysis of pharmacists' attitudes towards provision of medication abortion. *BMC Health Serv Res*. 2023 May 30;23(1):557. doi: 10.1186/s12913-023-09543-z. PMID: 37254171; PMCID: PMC10228451.
- Pai M, Rigler N, de Oliveira BR, **Mody SK**. "My implant is expiring": A national US mystery shopper study regarding extended use of the contraceptive implant. *Contraception*. 2023 Jul;123:110038. doi: 10.1016/j.contraception.2023.110038. Epub 2023 Apr 3. PMID: 37019254.
- Peng G, Taylor-Cousar JL, Lee M, Keller A, West NE, Kazmerski TM, Goralski JL, Aitken ML, Roe AH, Hadjiliadis D, Uluer A, Flume PA, **Mody S**, Bray LA, Jain R. Association between unplanned pregnancies and maternal exacerbations in cystic fibrosis. *J Cyst Fibros*. 2023 Apr 5:S1569-1993(23)00084-X. doi: 10.1016/j.jcf.2023.03.020. Epub ahead of print. PMID: 37029015.
- 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*. 2023 Jun;30(3):366-375. doi: 10.1007/s12529-022-10097-3. Epub 2022 May 12. PMID: 35554855; PMCID: PMC9097561.
- Ghebrendrias S, **Mody S**, Washington S, Hussein B, Jama F, Jacobs M. A Cervical Cancer Screening Toolkit for Somali Women: A Pilot Randomized Controlled Trial. *J Immigr Minor Health*. 2023 Apr 18:1–8. doi: 10.1007/s10903-023-01455-8. Epub ahead of print. PMID: 37071376; PMCID: PMC10111298.
- Zachek C, **Mody S**, Siddiqui N, Sandoval S, Bukowski K, Jacobs M, Averbach S. Exploring the impact of COVID-19 on gestational age at the time of abortion: An interrupted time series analysis among patients receiving abortions in Southwest California. *Am J Obstet Gynecol*. 2023 Feb 3:S0002-9378(23)00073-X. doi: 10.1016/j.ajog.2023.01.033. Epub ahead of print. PMID: 36740033.

Review Articles and Book Chapters (Peer-reviewed)

- Lyall M, Riberio de Oliveira, **Mody SK**. Considerations for Contraceptive Use Among Patients with Migraines. Current Obstetrics and Gynecology Reports.

Abstracts

- ACOG Annual Clinical Scientific Meeting 2023. Poster Presentation: Conroy S, Jain T, **Mody S**. Assessing Interest in peer Doula-facilitated Empathy and Self-compassion training among women with history of Early Pregnancy Loss (AIDES).
- ACOG Annual Clinical Scientific Meeting 2023. Poster Presentation: Rigler N, Averbach S, Sandoval S, Meurice M, Hildebrand M, **Mody S**. Clinician perspectives on the barriers and facilitators of extended use of the contraceptive implant.
- 2023 Districts V, VIII, & IX Annual District Meeting. Poster Presentation: Pai M, Ribeiro de Oliveira, **Mody S**. A Cross-Sectional Survey of Clinicians on Extended Use of the Levonorgestrel 52mg IUD.
- 2023 Districts V, VIII, & IX Annual District Meeting. Poster Presentation: Meurice M, Wallis-Lang K, Hildebrand M, **Mody S**. Patient Experience Regarding Seeking Permanent Female Contraception and Technology Influences (PERSPeTive).
- Society of Family Planning 2023. Oral Presentation: Vachon D, Hildebrand M, Averbach S, Turok J, Steinauer J, **Mody S**. The Impact of Dobbs v. Jackson on Abortion Training in Obstetrics and Gynecology Residency Programs a Qualitative Study.
- American Public Health Association. Oral Presentation 2023: Pai M, Rigler N, Hildebrand M, Averbach S, **Mody S**. Cross-section survey of clinician on evidence-based practices.

Invited Presentations

- North American Cystic Fibrosis Conference 2023: Reproductive Health Workshop-Nov 2023
- Tufts University Grand Rounds-Post Dobbs Contraception- October 2023
- Setting and Maintaining Boundaries- Complex Family Planning Fellowship program-September 2023
- San Ysidro Health-Women's Health Grand rounds 2023
- University of California San Diego, Committee on the Status of Women-Post Dobbs Jan

GENERAL OBSTETRICS AND GYNECOLOGY

Scholarly work involved multiple members of this division:

Abstracts

- Sullender RT, **Varon SM, Pickett CM.** “Laparoscopic Cervical Myomectomy.” AAGL Global Congress. Nashville, TN. November 2023. Abstract Presented.

ALVARADO, Jorge

Invited Presentations

- Transgender Care Panel, American College of Osteopathic Obstetricians and Gynecologists 90th Annual Conference, San Diego, California, Invited Speaker. March 2023.
- Alvarado JL, Brenneman L, Casablanca Y, EISahwi K, Rungruang B, Ueda S. Development of a Low-Fidelity Simulation Model and Curriculum for Internal Iliac Artery Ligation for Obstetrics & Gynecology Residents and Fellows. CREOG and APGO Annual Meeting. Poster presentation. February 27 2023.

Honors and Awards

- Minimally Invasive Gynecologic Surgery. Designated 2023.

DEAK, Pamela

Honors and Awards

- Castle Connolly Top Doctor 2023
- Exceptional Women in Medicine 2023

FARRELL, Maureen

Abstracts

- H Farid, **M E Farrell**, K M Atkins. Mentoring for the Future: Mentoring to Combat Burnout and Attrition in Academic Medicine. CREOG/APGO Annual Meeting, National Harbor, MD. February 2023. Abstract Presented.

Invited Presentations

- Polycystic Ovary Syndrome: Diagnosis, Evaluation, and Treatment. Planned Parenthood of the Pacific Southwest Clinical Webinar, San Diego, CA. December 2023. Invited Lecture.
- Fibroid Treatment Options & Shared Decision-Making for Mission-Readiness. Annual Meeting, ACOG Armed Forces District, Tacoma, WA. September 2023. Presentation.

GROSS, Erin

Peer-Reviewed Research Publications

- Tai-Seale M, Millen M, Cheung M, **Gross E**, et al. Association of physician burnout with perceived EHR work stress and potentially actionable factors, Journal of the American Medical Informatics Association, 2023; ocad136.

Invited Presentations

- Reproductive Health Informatics Panel for the American Clinical Informatics Association Clinical Fellows. Feb 27 2023. Invited Panelist.
- Goldhaber N, Nies M, Tran A, **Gross E**, Bell J. “Patient Empowerment through After Visit Summary (AVS) Redesign: A Cutting-Edge Approach to Reducing Hospital Readmissions”. GME QI Poster presented May 31 2023.

KINGSTON, Jessica

Invited Presentations

- Rady Children’s Hospital Summer Medical Academy, Introduction to Women’s Health and Careers in Women’s Health, June/July 2023. Invited Speaker and Panelist.
- “Beyond the Labels: Reducing Stigma Related to Maternal Mental Health and Substance Use Disorder”, March of Dimes California Live Zoom event, June 2023. Invited Panelist.

Honors and Awards

- Castle Connolly Top Doctor 2023
- Castle Connolly Regional Top Doctor 2023
- Exceptional Women in Medicine 2023

KLEIN, David

Peer-Reviewed Research Publications

- First-Trimester Pregnancy: Considerations for Wilderness and Remote Travel. Coffey CH, Casper LM, Reno EM, Casper SJ, Hillis E, **Klein DA**, Schlein SM, Keyes LE. 2023. Wilderness and Environmental Medicine. In press.

Invited Presentations

- Cormano J, **Klein DA**. Individualized Clinical Coaching for MS3 Students: The Master Clinician Program. 2023. Association of Professors in Gynecology and Obstetrics. National Harbor, MD.

Honors and Awards

- Class of 2023 Valedictorian: National Center for Leadership in Academic Medicine (NCLAM).

MACAULAY, Kathryn

Invited Presentations

- “Conventional and Alternative Treatments for Menopause,” Glendale Memorial Hospital, Glendale CA, April 2023. Invited Speaker.

Honors and Awards

- Castle Connolly Top Doctor 2023

- Exceptional Women in Medicine 2023

MEADOWS, Audra

Peer-Reviewed Research Publications

- Averbach S, Ha D, **Meadows AR**, Brubaker L, Gyamfi-Bannerman C. Failure to progress: structural racism in women's healthcare. *EClinicalMedicine*. Article Accepted January 2023.
- **Meadows AR**, Cabral H, Liu CL, Cui X, Amutah-Onukagha N, Diop H, Declercq ER. Preconception and perinatal hospitalizations as indicators of risk for severe maternal morbidity in primiparas. *Am J Obstet Gynecol MFM*. 2023 Jul;5(7):101014. doi: 10.1016/j.ajogmf.2023.101014. Epub 2023 May 12. PMID: 37178717.
- Rabin BA, Cain KL, Watson P Jr, Oswald W, Laurent LC, **Meadows AR**, Seifert M, Munoz FA, Salgin L, Aldous J, Diaz EA, Villodas M, Vijaykumar S, O'Leary ST, Stadnick NA. Scaling and sustaining COVID-19 vaccination through meaningful community engagement and care coordination for underserved communities: hybrid type 3 effectiveness-implementation sequential multiple assignment randomized trial. *Implement Sci*. 2023 Jul 14;18(1):28. doi: 10.1186/s13012-023-01283-2. PMID: 37443044; PMCID: PMC10347705.
- Ha, Diana MD1; Ghebrendrias, Selam MD2; **Meadows, Audra MD3**; LaCoursiere, Daphne Yvette MD4; Lewis, Amanda PhD5; Lawson, Mark MD6; Morales, Michael7; Gyamfi-Bannerman, Cynthia MD8; Brubaker, Linda MD9. The Culture and Justice Quorum at University of California, San Diego: A Departmental Approach to Dismantling Structural Racism. *Academic Medicine* 98(8):p 906-911, August 2023. | DOI: 10.1097/ACM.0000000000005200
- **Meadows, Audra R. MD, MPH**; Byfield, Renée MS, FNP; Bingham, Debra DrPH, RN; Diop, Hafsatou MD, MPH. Strategies to Promote Maternal Health Equity: The Role of Perinatal Quality Collaboratives. *Obstetrics & Gynecology* 142(4):p 821-830, October 2023. | DOI: 10.1097/AOG.0000000000005347.
- Kheyfets, Anna BS; Vitek, Kali MPH; Conklin, Claire BS; Tu, Christianna MD, MPH; Larson, Elysia ScD; Zera, Chloe MD; Iverson, Ronald MD, MPH; Reiff, Emily MD; Healy, Andrew MD; Laurant, Julianne MD; Schoen, Corina MD; Manganaro, Karen DNP, RNC-OB; Pomerleau, Mary DNP, MPH; Glass, Bonnell MN; Amutah-Onukagha, Ndidiamaka PhD, MPH; Diop, Hafsatou MD, MPH; **Meadows, Audra R. MD, MPH**. Development of a Maternal Equity Safety Bundle to Eliminate Racial Inequities in Massachusetts. *Obstetrics & Gynecology* 142(4):p 831-839, October 2023. | DOI: 10.1097/AOG.0000000000005322.
- Declercq, Eugene R. PhD; Cabral, Howard J. PhD, MPH; Liu, Chia-Ling ScD, MPH; Amutah-Onukagha, Ndidiamaka PhD; **Meadows, Audra MD, MPH**; Cui, Xiaohui PhD; Diop, Hafsatou MD, MPH. Prior Hospitalization, Severe Maternal Morbidity, and Pregnancy-Associated Deaths in Massachusetts From 2002 to 2019. *Obstetrics & Gynecology* 142(6):p 1423-1430, December 2023. | DOI: 10.1097/AOG.0000000000005398.

Abstracts

- Kheyfets A, Conklin C, Vitek K, Iverson R, **Meadows AR**. Promoting Best Practice in Obstetrics: Findings from a State- Based Perinatal Quality Collaborative Implementing the Obstetric Hemorrhage Maternal Safety Bundle. Accepted Abstract: ACOG May 2023, Baltimore, MD.
- **Meadows AR**, Declercq E, Amutah-Onukagha N, Macharia A, Schneider L, Larson E. Identifying Racial Inequities in Respect and Autonomy During Delivery Care. *Obstet Gynecol* 2023; 141(5S):53S-54S.
- Conklin C, Macharia A, Kheyfets A, Vitek K, Larson E, **Meadows AR**. Assessing Hospital Readiness to Implement Consecutive Maternal Safety Bundles. Accepted Abstract: SASGOG May 2023, Baltimore, MD.

Invited Presentations

- Association of Managers of Gynecology and Obstetrics (AMGO) Annual Conference. UCSD Obstetrics, Gynecology & Reproductive Sciences Culture & Justice Quorum. September 2023. Hilton Head Is, SC. Invited Speaker.
- 43rd Annual SMFM Scientific Forum - Obstetric Quality and Safety. Incorporating Health Equity into Perinatal Quality: Lessons Learned from the MA State PQC. San Francisco, CA. Invited Speaker.
- 2023 Annual Meeting of the American College of Obstetricians and Gynecologists. Hale Endowed Annual Lectureship Why Maternal Health Equity is Maternal Health Quality: A Tale of Priorities, Metrics, & Action. Invited Speaker.
- MassGeneral Brigham Health System. Maternal Equity: A Demonstration of Inclusive Excellence in Obstetrical Care. Grand Rounds. Boston MA. Invited Speaker.
- Optum Health Education Medical Director and Clinical Leadership Forum 2023. Concerning Maternal Mortality: Coordinating Improved Maternal Outcomes. Las Vegas, NV. Invited Speaker.
- ACOG District IX Clear Initiative. Maternal Equity: A Demonstration of Inclusive Excellence in Obstetrical Care. Virtual. Invited Speaker.
- Association of Women's Health, Obstetric and Neonatal Nurses (AWHONN): SPEAK UP Champion™ Implicit & Explicit Racial Bias. October 19, 2023. Springfield, MA. Invited Speaker.

Honors and Awards

- ACOG 2023 Hale Endowed Annual Lectureship Award (American College of Obstetrics and Gynecology)

- Inclusive Excellence Award to the Culture and Justice Quorum (UC San Diego Health)
- 2023 SASCOG Award (Society for Academic Specialists in General Obstetrics and Gynecology)
- 2023 Diop Achievement Award (Perinatal Neonatal Quality Improvement Network of MA)

MILLER, Christine

Honors and Awards

- Castle Connolly Top Doctor 2023
- Exceptional Women in Medicine 2023
- San Diego's Top Doctors 2023

PICKETT, Charlotte

Peer-Reviewed Research Publications

- Sullender RT, Jacobs MB, Sandhu MS, Lacoursiere DY, Diaz Luevano C, **Pickett CM**, Agarwal SK. Perception and Comfort with Endometriosis Management Among OB/GYN Residents. *Int J Womens Health*. 2023 Nov 20;15:1801-1809. doi: 10.2147/IJWH.S424554. PMID: 38020939; PMCID: PMC10675651.
- **Pickett C**, Foster WG, Agarwal S. Current endometriosis care and opportunities for improvement. *Reprod Fertil*. 2023 Jul 1;4(3):e220091. doi: 10.1530/RAF-22-0091. Epub ahead of print. PMID: 37402150; PMCID: PMC10448566.
- **Pickett CM**, Seeratan DD, Mol BWJ, Nieboer TE, Johnson N, Bonestroo T, Aarts JW. Surgical approach to hysterectomy for benign gynaecological disease. *Cochrane Database Syst Rev*. 2023 Aug 29;8(8):CD003677. doi: 10.1002/14651858.CD003677.pub6. PMID: 37642285; PMCID: PMC10464658.

Abstracts

- Sullender RT, Varon SM, **Pickett CM**. "Laparoscopic Cervical Myomectomy." AAGL Global Congress. Nashville, TN. November 2023. Abstract Presented.

Invited Presentations

- “Does Hysteria Still Haunt Us? Increasing Women’s Autonomy Through Uterine-Sparing Surgery.” UCSD OB/GYN Grand Rounds. October 2023. Presenter.
- Endometriosis, Pelvic Pain and Large Uterine Fibroids. OneMedical San Diego Provider Rounds, La Jolla CA, 11 Oct 2023.
- Endometriosis: Medical and Surgical Management. Resident lecture, Albuquerque NM. 13 Oct 2023.
- MIGS Surgery & Surgical Complications. REI Fellow lecture, La Jolla, CA. 21 Nov 2023.

Honors and Awards

- Top 10% of Reviewers Certificate. The Journal of Minimally Invasive Gynecology. Recognition of Excellence in Peer Review contributions. Awarded: June 2023
- 4.9+ Stars Patient Rated Physician. University of California, San Diego. April 2023.

RAMOS-RIVERA, Marianna

Honors and Awards

- San Diego's Top Doctors 2023

RIES, Maureen

Invited Presentations

- FIGO World Congress of Gynecology and Obstetrics. “On the borderline: Considerations for practicing border medicine and addressing needs of refugee populations” Paris, France. October 2023.

Honors and Awards

- Program Directors Innovating Residency Recognition. 2023 Council for Resident Education in Obstetrics & Gynecology (CREOG) Education Retreat. August 2023.

TANG, Michelle

Invited Presentations

- “Oligomenorrhea and Amenorrhea.” Endocrinology, Reproduction, and Metabolism II Medical Student Course. UC San Diego OB/GYN. 2023. Invited Lecturer.

THOMSON, Samantha

Invited Presentations

- Rady Children’s Hospital Summer Medical Academy, Introduction to Women’s Health and Careers in Women’s Health, June/July 2023. Invited Speaker and Panelist.
- “Spontaneous Abortion & 1st Trimester Loss”. Invited R1-R4 Resident Lecture. UCSD OB/GYN.

VARON, Shira

Review Articles and Book Chapters (Peer-reviewed)

- Rubio, E. M., Hilton, J. F., Bent, S., Parvataneni, R., Oberman, E., Saberi, N. S., **Varon, S.**, Schembri, M., Waetjen, L. E., & Jacoby, V. L. (2023). Complementary and Alternative Medicine Use Among Women with Symptomatic Uterine Fibroids. *Journal of Women’s Health (Larchmont, N.Y. 2002)*, 32(5), 546–552.
<https://doi.org/10.1089/jwh.2022.0094>

Abstracts

- Rodriguez-Soto AE, Lundstrom EM, Besser A, Loubrie S, Conlin CC, Jordan S, Batasin S, Ebrahimi S, Schlein A, Hahn M, Seibert T, Dale AM, Hom-Tedla M, Saenz C, **Varon S**, McHale M, Rakow-Penner R. “Multi-exponential model of diffusion signal with fixed ADCs in healthy and cancerous cervix tissues”. International Society for Magnetic Resonance in Medicine 2023 Annual Meeting & Exhibition, Toronto, Ontario, Canada, June 3-8, 2023. (poster).
- “Geometric accuracy of female pelvic DWI at 3T using reduced field of view and reverse polarity gradient distortion correction.” International Society of MR Radiographers and Technologists (ISMRM) 2023. Abstract Presented.
- Sullender RT, **Varon SM**, Pickett CM. “Laparoscopic Cervical Myomectomy.” AAGL Global Congress. Nashville, TN. November 2023. Abstract Presented.

Honors and Awards

- Castle Connolly Top Doctor 2023
- Exceptional Women in Medicine 2023

GYNECOLOGIC ONCOLOGY

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Holloway RW, Thaker P, Mendivil AA, Ahmad S, Al-Niaimi AN, Barter J, Beck T, Chambers SK, Coleman RL, Crafton SM, Crane E, **Eskander R**, Ghamande S, Graybill W, Herzog T, Indermaur MD, John VS, Landrum L, Lim PC, Lucci JA, **McHale M**, Monk BJ, Moore KN, Morris R, O'Malley DM, Reid TJ, Richardson D, Rose PG, Scalici JM, Silasi DA, Tewari K, Wang EW. A phase III, multicenter, randomized study of olvimulogene nanivacirepvec followed by platinum-doublet chemotherapy and bevacizumab compared with platinum-doublet chemotherapy and bevacizumab in women with platinum-resistant/refractory ovarian cancer. *Int J Gynecol Cancer*. 2023 Sep 4;33(9):1458-1463. doi: 10.1136/ijgc-2023-004812. PMID: 37666539.

Abstracts

- Hom-Tedla M, Coakley K, Bondre I, Hill B, **McHale M, Binder P, Saenz C, Eskander R**, Harrison T, Schwartz M, **Plaxe S**. “Superficial myometrial invasion and chemotherapy are associated with improved outcomes in patients with stage 1 uterine carcinosarcoma.” Society of Gynecologic Oncology 2023 Winter Meeting, Whistler BC, Canada, February 2-4, 2023. (poster).
- Bondre I, Soylu HM, Hill B, Hom-Tedla M, Coakley K, **Eskander R, McHale M, Saenz C, Binder P, Plaxe S**. “HPV vaccination rates among women 27-45 rose more slowly after ACOG’s statement recommending shared decision making.” Western Association of Gynecologic Oncology 2023 Annual Meeting. Monterey, California, May 14-17, 2023. [https://doi.org/10.1016/S2352-5789\(23\)00258-8](https://doi.org/10.1016/S2352-5789(23)00258-8) (poster).
- Bondre I, Hill BL, Soylu HM, Hom-Tedla MS, Coakley K, **Eskander R, McHale M, Saenz C, Binder P, Plaxe S**. “Use of postoperative opioids in patients undergoing robotic hysterectomy for endometrial cancer with or without abdominal wall block.” Western Association of Gynecologic Oncology 2023 Annual Meeting. Monterey, California, May 14-17, 2023. (poster).
- Coakley K, Hom-Tedla MS, Bondre I, Hill BL, **Eskander R, McHale M, Binder P, Saenz C, Plaxe S**. “Comparison of contemporary management and outcomes of patients with transitional cell carcinomas and malignant Brenner tumors of the ovary.” Western Association of Gynecologic Oncology 2023 Annual Meeting. Monterey, California, May 14-17, 2023. (poster).

- Rodriguez-Soto AE, Lundstrom EM, Besser A, Loubrie S, Conlin CC, Jordan S, Batasin S, Ebrahimi S, Schlein A, Hahn M, Seibert T, Dale AM, Hom-Tedla M, **Saenz C**, Varon S, **McHale M**, Rakow-Penner R. “Multi-exponential model of diffusion signal with fixed ADCs in healthy and cancerous cervix tissues”. International Society for Magnetic Resonance in Medicine 2023 Annual Meeting & Exhibition, Toronto, Ontario, Canada, June 3-8, 2023. (poster).
- Maintenance therapy inhibition of ptk2 yields decreased disease in preclinical models of HRP/HRD models of recurrent HGSO. Breana Hill MD, Ioana Bondre MD, Elise Tahon MS, Meryem Soylu MD, Duygu Ozmadenci PhD, Xiao Lei Chen MS, Sarah Kinkel PhD, Terrie-Anne Cock PhD, Chris Burns PhD, **David Schlaepfer PhD**, **Michael McHale MD**, **Dwayne Stupack PhD**. American Association for Cancer Research Special Meeting: Ovarian Cancer. Boston MA, Oct 2023.

BINDER, Pratibha

Abstracts

- Coakley K, Hom-Tedla MS, Bondre I, Hill BL, Eskander R, McHale M, **Binder P**, Saenz C, Plaxe S. “Comparison of contemporary management and outcomes of patients with transitional cell carcinomas and malignant Brenner tumors of the ovary.” Abstract in Gynecologic Oncology Report June 2023; 48(1): S22.
- Bondre I, Soylu HM, Hill B, Hom-Tedla M, Coakley K, Eskander R, McHale M, Saenz C, **Binder P**, Plaxe S. “HPV vaccination rates among women 27-45 rose more slowly after ACOG’s statement recommending shared decision making”. Western Association of Gynecologic Oncology 2023 Annual Meeting. Monterey, California, May 14-17, 2023. [https://doi.org/10.1016/S2352-5789\(23\)00258-8](https://doi.org/10.1016/S2352-5789(23)00258-8) (poster).
- Bondre I, Hill BL, Soylu HM, Hom-Tedla MS, Coakley K, Eskander R, McHale M, Saenz C, **Binder P**, Plaxe S. “Use of postoperative opioids in patients undergoing robotic hysterectomy for endometrial cancer with or without abdominal wall block”. Western Association of Gynecologic Oncology 2023 Annual Meeting. Monterey, California, May 14-17, 2023. (poster).
- Coakley K, Hom-Tedla MS, Bondre I, Hill BL, Eskander R, McHale M, **Binder P**, Saenz C, Plaxe S. “Comparison of contemporary management and outcomes of patients with transitional cell carcinomas and malignant Brenner tumors of the ovary”. Western Association of Gynecologic Oncology 2023 Annual Meeting. Monterey, California, May 14-17, 2023. (poster).
- Hom-Tedla M, Coakley K, Bondre I, Hill B, McHale M, **Binder P**, Saenz C, Eskander R, Harrison T, Schwartz M, Plaxe S. “Superficial myometrial invasion and chemotherapy are associated with improved outcomes in patients

with stage 1 uterine carcinosarcoma". Society of Gynecologic Oncology 2023 Winter Meeting, Whistler BC, Canada, February 2-4, 2023. (poster).

Invited Presentations

- **Binder PS**, Chino JP, Mayadev JS, Eskander RE. "The GOG Foundation, Inc Trials examining the utility of Radiation Therapy." The GOG Foundation, Inc – A Half Century of Transforming the Standard of Care 50th Anniversary Book. Epub Sept 22, 2023.
- Ground Rounds: Prevention and Risk Reduction of Ovarian and Fallopian tube cancer, Guest lecture, Eisenhower Medical Center, September 7th, 2023
- UCSDGYN and Reproductive Medicine Research Retreat: "Improving Perioperative Outcomes in Gynecologic, September 6th, 2023.
- SD Hematology Oncology Conference. July 22, 2023.

Honors and Awards

- Celebrate the Care of Medal of Excellence Nominee: 5/2023
- San Diego's Top Docs List: 2023
- Robotic Surgery Excellence Award at Rancho Springs Medical Center: 2023
- Patient Experience Highest Achievement Award (Murrieta Clinic): 2023

ESKANDER, Ramez

Peer-Reviewed Research Publications

- Hill BL, Graf RP, Shah K, Danziger N, Lin DI, Quintanilha J, Li G, Haberberger J, Ross JS, Santin AD, Slomovitz B, Elvin JA, **Eskander RN**. Mismatch repair deficiency, next-generation sequencing-based microsatellite instability, and tumor mutational burden as predictive biomarkers for immune checkpoint inhibitor effectiveness in frontline treatment of advanced stage endometrial cancer. *Int J Gynecol Cancer*. 2023 Feb 7:ijgc-2022-004026. doi: 10.1136/ijgc-2022-004026. Epub ahead of print. PMID: 36750267.
- Hom-Tedla M, **Eskander RN**. Immunotherapy treatment landscape for patients with endometrial cancer: current evidence and future opportunities. *Clin Adv Hematol Oncol*. 2023 Jan;21(1):27-34. PMID: 36638353.

- **Eskander RN**, Sill MW, Beffa L, Moore RG, Hope JM, Musa FB, Mannel R, Shahin MS, Cantuaria GH, Girda E, Mathews C, Kavecansky J, Leath lii CA, Gien LT, Hinchcliff EM, Lele SB, Landrum LM, Backes F, O'Cearbhaill RE, Al Baghdadi T, Hill EK, Thaker PH, John VS, Welch S, Fader AN, Powell MA, Aghajanian C. Pembrolizumab plus Chemotherapy in Advanced Endometrial Cancer. *N Engl J Med*. 2023 Mar 27. doi: 10.1056/NEJMoa2302312. Epub ahead of print. PMID: 36972022.
- Jou J, Kato S, Miyashita H, Thangathurai K, Pabla S, DePietro P, Nesline M, Conroy J, Rubin E, **Eskander R**, Kurzrock R. Cancer immunity marker RNA expression levels across gynecologic cancers: Implications for immunotherapy. *Res Sq [Preprint]*. 2023 Feb 16:rs.3.rs-2551645. doi: 10.21203/rs.3.rs-2551645/v1. PMID: 36824739; PMCID: PMC9949233.
- B. Pothuri, S.V. Blank, T.K. Myers, J.F. Hines, L.M. Randall, R.E. O'Cearbhaill, B.M. Slomovitz, **R.N. Eskander**, A. Alvarez Secord, R.L. Coleman, J.L. Walker, B.J. Monk, K.N. Moore, D.M. O'Malley, L.J. Copeland, T.J. Herzog. Inclusion, diversity, equity, and access (IDEA) in gynecologic cancer clinical trials: A joint statement from GOG foundation and Society of Gynecologic Oncology (SGO), *Gynecologic Oncology*, Volume 174, 2023, Pages 278-287, ISSN 0090-8258.
- Guntupalli SR, Spinosa D, Wethington S, **Eskander R**, Khorana AA. Prevention of venous thromboembolism in patients with cancer. *BMJ*. 2023 Jun 1;381:e072715. doi: 10.1136/bmj-2022-072715. PMID: 37263632.
- Richardson DL, **Eskander RN**, O'Malley DM. Advances in Ovarian Cancer Care and Unmet Treatment Needs for Patients With Platinum Resistance: A Narrative Review. *JAMA Oncol*. 2023 Apr 20. doi: 10.1001/jamaoncol.2023.0197. Epub ahead of print. PMID: 37079311.
- **Eskander RN**, Moore KN, Monk BJ, Herzog TJ, Annunziata CM, O'Malley DM, Coleman RL. Overcoming the challenges of drug development in platinum-resistant ovarian cancer. *Front Oncol*. 2023 Oct 17;13:1258228. doi: 10.3389/fonc.2023.1258228. PMID: 37916177; PMCID: PMC10616588.
- Holloway RW, Thaker P, Mendivil AA, Ahmad S, Al-Niaimi AN, Barter J, Beck T, Chambers SK, Coleman RL, Crafton SM, Crane E, **Eskander R**, Ghamande S, Graybill W, Herzog T, Indermaur MD, John VS, Landrum L, Lim PC, Lucci JA, McHale M, Monk BJ, Moore KN, Morris R, O'Malley DM, Reid TJ, Richardson D, Rose PG, Scalici JM, Silasi DA, Tewari K, Wang EW. A phase III, multicenter, randomized study of olvimulogene nanivacirepvec followed by platinum-doublet chemotherapy and bevacizumab compared with platinum-doublet chemotherapy and bevacizumab in women with platinum-resistant/refractory ovarian cancer. *Int J Gynecol Cancer*. 2023 Sep 4;33(9):1458-1463. doi: 10.1136/ijgc-2023-004812. PMID: 37666539.

Review Articles and Book Chapters (Peer-reviewed)

- **Ramez N Eskander**, William T. Creasman, David S. Miller, Matthew Powell. Clinical Gynecologic Oncology: Adenocarcinoma of the Uterine Corpus and Sarcomas of the Uterus. 10th edition. Elsevier 2023.

Abstracts

- Katherine Coakley, MD; Marianne Hom-Tedla, MD; Ioana Bondre, MD; Breana Hill, MD; Cheryl Saenz, MD; Pratibha Binder, MD; Michael McHale, MD; **Ramez Eskander, MD**; Steven Plaxe, MD. “Contemporary management and outcomes of patients with transitional cell carcinomas and malignant Brenner tumors of the ovary”. Presented at WAGO Annual meeting, June 14-17th, 2023 at Monterey CA.
- Bondre I, Soylu HM, Hill B, Hom-Tedla M, Coakley K, **Eskander R**, McHale M, Saenz C, Binder P, Plaxe S. “HPV vaccination rates among women 27-45 rose more slowly after ACOG’s statement recommending shared decision making”. Western Association of Gynecologic Oncology 2023 Annual Meeting. Monterey, California, May 14-17, 2023. [https://doi.org/10.1016/S2352-5789\(23\)00258-8](https://doi.org/10.1016/S2352-5789(23)00258-8) (poster).
- Bondre I, Hill BL, Soylu HM, Hom-Tedla MS, Coakley K, **Eskander R**, McHale M, Saenz C, Binder P, Plaxe S. “Use of postoperative opioids in patients undergoing robotic hysterectomy for endometrial cancer with or without abdominal wall block”. Western Association of Gynecologic Oncology 2023 Annual Meeting. Monterey, California, May 14-17, 2023. (poster).
- Coakley K, Hom-Tedla MS, Bondre I, Hill BL, **Eskander R**, McHale M, Binder P, Saenz C, Plaxe S. “Comparison of contemporary management and outcomes of patients with transitional cell carcinomas and malignant Brenner tumors of the ovary”. Western Association of Gynecologic Oncology 2023 Annual Meeting. Monterey, California, May 14-17, 2023. (poster).
- Hom-Tedla M, Coakley K, Bondre I, Hill B, McHale M, Binder P, Saenz C, **Eskander R**, Harrison T, Schwartz M, Plaxe S. “Superficial myometrial invasion and chemotherapy are associated with improved outcomes in patients with stage 1 uterine carcinosarcoma”. Society of Gynecologic Oncology 2023 Winter Meeting, Whistler BC, Canada, February 2-4, 2023. (poster).

Invited Presentations

- Society of Gynecologic Oncology Winter Meeting (SGO). PARPi post PARPi...that is the question. Feb 2023.
- Visiting Professor: Probstien Lectureship, Washington University in St. Louis. Therapeutic Advances in the Treatment of Endometrial Cancer. Moving from the Light Microscope to the Molecular Microscope. March 2023.
- Society of Gynecologic Oncology Winter Meeting (SGO). PARPi post PARPi...that is the question. Feb 2023. Whistler BC.

- SGO BRIDGES Mentorship Program. Immunotherapy Clinical Trials: Assessment of Response and Management of Adverse Events. SGO Annual Meeting. Tampa, FL March 2023.
- Pembrolizumab Versus Placebo in Addition to Carboplatin and Paclitaxel for Measurable Stage III or IVA, Stage IVB, or Recurrent Endometrial Cancer: The Phase 3, NRG GY018 Study. SGO Annual Meeting, Tampa, FL, March 2023.
- Visiting Professor: University of North Carolina – Invited Grand Rounds Speaker. Evolution in the Treatment of Endometrial Cancer. March 2023.
- TCVGH International Medical Conference. The Evolving Treatment Paradigm of Advanced Stage/Recurrent Endometrial Cancer: Moving towards a new standard of care. Virtual Presentation, Taiwan. Oct 2023.
- International Gynecologic Cancer Society. Invited Moderator and Discussant. Systemic Management of Primary and Relapsed Endometrial Cancer. Seoul, Korea. Nov 2023.
- European Society of Gynecologic Oncology. Evolution in the Front-Line Management of Uterine Cancer. Istanbul, Turkey. Sept 2023.
- American Society for Therapeutic Radiology and Oncology. Invited Faculty – Multimodal Therapy in the Treatment of Metastatic Cervical Cancer. San Diego, CA Oct 2023.
- European Society of Medical Oncology. Madrid, Oct 2023. Updated Response Data and Analysis of Progression Free Survival by Mechanism of Mismatch Repair Loss in Endometrial Cancer Patients Treated With Pembrolizumab Plus Carboplatin/Paclitaxel as Compared to Carboplatin/Paclitaxel Plus Placebo in the NRG GY018 Trial.
- International Gynecologic Cancer Society. Seoul, Korea Nov 2023. Parallel Shifts in the Treatment of First Line Endometrial Cancer.
- International Gynecologic Cancer Society. Seoul, Korea Nov 2023. Seminal Abstract: Pembrolizumab versus Placebo in Addition to Carboplatin and Paclitaxel for Measurable Stage III or IVA, or Recurrent Endometrial Cancer: The Phase 3, NRG GY018 Study.

Honors and Awards

- Selected as a Member of the UC San Diego Academy of Clinician Scholars (2023).
- San Diego Top Doc in Obstetrics and Gynecology (2023).

MCHALE, Michael

Peer-Reviewed Research Publications

- Goldhaber NH, Schaefer RL, Martinez R, Graham A, Malachowski E, Rhodes LP, Waterman RS, Mekeel KL, Clay BJ, **McHale M**. Surgical pit crew: initiative to optimize measurement and accountability for operating room turnover time. *BMJ Health Care Inform*. 2023 Jul;30(1):e100741. doi: 10.1136/bmjhci-2023-100741.
- Holloway RW, Thaker P, Mendivil AA, Ahmad S, Al-Niaini AN, Barter J, Beck T, Chambers SK, Coleman RL, Crafton SM, Crane E, Eskander R, Ghamande S, Graybill W, Herzog T, Indermaur MD, John VS, Landrum L, Lim PC, Lucci JA, **McHale M**, Monk BJ, Moore KN, Morris R, O'Malley DM, Reid TJ, Richardson D, Rose PG, Scalici JM, Silasi DA, Tewari K, Wang EW. A phase III, multicenter, randomized study of olvimulogene nanivacirepvec followed by platinum-doublet chemotherapy and bevacizumab compared with platinum-doublet chemotherapy and bevacizumab in women with platinum-resistant/refractory ovarian cancer. *Int J Gynecol Cancer*. 2023 Sep 4;33(9):1458-1463. doi: 10.1136/ijgc-2023-004812. PMID: 37666539.
- Berman ZT, Boone CE, Melber DJ, Ballas J, Parikh R, Ramos GA, Kelly TF, **McHale MT**, Picel AC, Roberts AC. Intra-Operative Multivessel Embolization Reduces Blood Loss and Transfusion Requirements Compared to Internal Iliac Artery Balloon Placement During Cesarean Hysterectomy for Placenta Accreta Spectrum. *Journal of Vascular and Interventional Radiology*. 2023. doi: <https://doi.org/10.1016/j.jvir.2023.07.024>.

Abstracts

- Hom-Tedla M, Coakley K, Bondre I, Hill B, **McHale M**, Binder P, Saenz C, Eskander R, Harrison T, Schwartz M, Plaxe S. “Superficial myometrial invasion and chemotherapy are associated with improved outcomes in patients with stage 1 uterine carcinosarcoma”. Society of Gynecologic Oncology 2023 Winter Meeting, Whistler BC, Canada, February 2-4, 2023. (poster).
- Bondre I, Soylyu HM, Hill B, Hom-Tedla M, Coakley K, Eskander R, **McHale M**, Saenz C, Binder P, Plaxe S. “HPV vaccination rates among women 27-45 rose more slowly after ACOG’s statement recommending shared decision making”. Western Association of Gynecologic Oncology 2023 Annual Meeting. Monterey, California, May 14-17, 2023. [https://doi.org/10.1016/S2352-5789\(23\)00258-8](https://doi.org/10.1016/S2352-5789(23)00258-8) (poster).
- Bondre I, Hill BL, Soylyu HM, Hom-Tedla MS, Coakley K, Eskander R, **McHale M**, Saenz C, Binder P, Plaxe S. “Use of postoperative opioids in patients undergoing robotic hysterectomy for endometrial cancer with or without abdominal wall block”. Western Association of Gynecologic Oncology 2023 Annual Meeting. Monterey, California, May 14-17, 2023. (poster).
- Coakley K, Hom-Tedla MS, Bondre I, Hill BL, Eskander R, **McHale M**, Binder P, Saenz C, Plaxe S. “Comparison of contemporary management and outcomes of patients with transitional cell carcinomas and malignant Brenner tumors of the ovary.” Abstract in *Gynecologic Oncology Report* June 2023; 48(1): S22.

- Rodriguez-Soto AE, Lundstrom EM, Besser A, Loubrie S, Conlin CC, Jordan S, Batasin S, Ebrahimi S, Schlein A, Hahn M, Seibert T, Dale AM, Hom-Tedla M, Saenz C, Varon S, **McHale M**, Rakow-Penner R. “Multi-exponential model of diffusion signal with fixed ADCs in healthy and cancerous cervix tissues”. International Society for Magnetic Resonance in Medicine 2023 Annual Meeting & Exhibition, Toronto, Ontario, Canada, June 3-8, 2023. (poster).
- Maintenance therapy inhibition of ptk2 yields decreased disease in preclinical models of HRP/HRD models of recurrent HGSO. Breana Hill MD, Ioana Bondre MD, Elise Tahon MS, Meryem Soylu MD, Duygu Ozmadenci PhD, Xiao Lei Chen MS, Sarah Kinkel PhD, Terrie-Anne Cock PhD, Chris Burns PhD, David Schlaepfer PhD, **Michael McHale MD**, Dwayne Stupack PhD. American Association for Cancer Research Special Meeting: Ovarian Cancer. Boston MA, Oct 2023.

Invited Presentations

- Speaker, Wellness: A Perspective 2023. Society of Gynecologic Oncology 28th Winter Meeting, Whistler British Columbia, Jan 2023.
- Speaker, Surgical Evolution in Gynecologic Cancer is less better? 2023 Annual Meeting of the American Society of Clinical Oncology, Chicago IL, June 23023.

Honors and Awards

- Secretary-Treasurer, Western Association of Gynecologic Oncology.
- 2023 First Cure Prize Recipient: Awarded by the Curebound Scientific Advisory Board (to fund innovative groundbreaking ideas that will change the course of cancer research and care in San Diego. Cure Prize is given to teams who present collaborative and/or interdisciplinary solutions that show near-term (3-5 years) promise of clinical breakthrough and represent “game changers” in the prevention, treatment, and/or cure of cancer).

PLAXE, Steven

Review Articles and Book Chapters (Peer-reviewed)

- Randomized Controlled Phase II Evaluation of Two Dose Levels of Bupropion Versus Placebo for Sexual Desire in Female Cancer Survivors: NRG-CC004. Barton DL, Pugh SL, Ganz PA, **Plaxe SC**, Koontz BF, Carter J, Grez-Yusupov N, Page SJ, Rowland KM Jr, Balcueva EP, Nabeel S, Basil JB, Hill ML, Muller CY, Bell MC, Deshmukh S,

Kachnic LA. J Clin Oncol. 2022 Feb 1;40(4):324-334. doi: 10.1200/JCO.21.01473. Epub 2021 Dec 9. PMID: 34882500.

- Nivolumab-induced autoimmune diabetes mellitus presenting as diabetic ketoacidosis in a patient with metastatic mucosal melanoma. Goff CB, **Plaxe SC**, White W, Dasanu CA. J Oncol Pharm Pract. 2023 Jul;29(5):1259-1263. doi: 10.1177/10781552221148973. Epub 2023 Feb 3. PMID: 36734125.
- Acquired angioedema late in the course of nivolumab treatment. Habibi S, Patel N, **Plaxe SC**, Dasanu CA. J Oncol Pharm Pract. 2023 Apr 17:10781552231170555. doi: 10.1177/10781552231170555. Online ahead of print. PMID: 37069828.

Abstracts

- Bondre, Ioana L., et al. "38 Use of postoperative opioids in patients undergoing robotic hysterectomy for endometrial cancer with or without abdominal wall block." Gynecologic Oncology Reports 48 (2023): S21.
- Bondre, Ioana L., et al. "37 HPV vaccination rates among women 27–45 rose more slowly after ACOG's statement recommending shared decision making." Gynecologic Oncology Reports 48 (2023): S20.
- Coakley, Katherine, et al. "40 Comparison of contemporary management and outcomes of patients with transitional cell carcinomas and malignant Brenner tumors of the ovary." Gynecologic Oncology Reports 48 (2023): S22.
- Nguyen, Christine GT, et al. "22 Patients with stage 1 endometrial cancer frequently do not receive guideline recommended postoperative radiation." Gynecologic Oncology Reports 48 (2023): S12-S13.
- Hom-Tedla, Marianne, et al. "P20 Superficial myometrial invasion and chemotherapy are associated with improved outcomes in patients with stage 1 uterine carcinosarcoma." Gynecologic Oncology 173 (2023): S19-S20.

Honors and Awards

- Director, American Board of Obstetrics and Gynecology
- Division Head, Gynecologic Oncology, American Board of Obstetrics and Gynecology

SAENZ, Cheryl

Abstracts

- Hom-Tedla M, Coakley K, Bondre I, Hill B, McHale M, Binder P, **Saenz C**, Eskander R, Harrison T, Schwartz M, Plaxe S. “Superficial myometrial invasion and chemotherapy are associated with improved outcomes in patients with stage 1 uterine carcinosarcoma”. Society of Gynecologic Oncology 2023 Winter Meeting, Whistler BC, Canada, February 2-4, 2023. (poster).
- Bondre I, Soylu HM, Hill B, Hom-Tedla M, Coakley K, Eskander R, McHale M, **Saenz C**, Binder P, Plaxe S. “HPV vaccination rates among women 27-45 rose more slowly after ACOG’s statement recommending shared decision making”. Western Association of Gynecologic Oncology 2023 Annual Meeting. Monterey, California, May 14-17, 2023. [https://doi.org/10.1016/S2352-5789\(23\)00258-8](https://doi.org/10.1016/S2352-5789(23)00258-8) (poster).
- Bondre I, Hill BL, Soylu HM, Hom-Tedla MS, Coakley K, Eskander R, McHale M, **Saenz C**, Binder P, Plaxe S. “Use of postoperative opioids in patients undergoing robotic hysterectomy for endometrial cancer with or without abdominal wall block”. Western Association of Gynecologic Oncology 2023 Annual Meeting. Monterey, California, May 14-17, 2023. (poster).
- Coakley K, Hom-Tedla MS, Bondre I, Hill BL, Eskander R, McHale M, Binder P, **Saenz C**, Plaxe S. “Comparison of contemporary management and outcomes of patients with transitional cell carcinomas and malignant Brenner tumors of the ovary”. Western Association of Gynecologic Oncology 2023 Annual Meeting. Monterey, California, May 14-17, 2023. (poster).
- Coakley K, Hom-Tedla MS, Bondre I, Hill BL, Eskander R, McHale M, Binder P, **Saenz C**, Plaxe S. “Comparison of contemporary management and outcomes of patients with transitional cell carcinomas and malignant Brenner tumors of the ovary.” Abstract in Gynecologic Oncology Report June 2023; 48(1): S22.
- Rodriguez-Soto AE, Lundstrom EM, Besser A, Loubrie S, Conlin CC, Jordan S, Batasin S, Ebrahimi S, Schlein A, Hahn M, Seibert T, Dale AM, Hom-Tedla M, **Saenz C**, Varon S, McHale M, Rakow-Penner R. “Multi-exponential model of diffusion signal with fixed ADCs in healthy and cancerous cervix tissues”. International Society for Magnetic Resonance in Medicine 2023 Annual Meeting & Exhibition, Toronto, Ontario, Canada, June 3-8, 2023. (poster).

SCHLAEPFER, David

Peer-Reviewed Research Publications

- Lee SG, Chae J, Woo SM, Seo SU, Kim HJ, Kim SY, **Schlaepfer DD**, Kim IS, Park HS, Kwon TK, Nam JO. (2023). TGFBI remodels adipose metabolism by regulating the Notch-1 signaling pathway. *Exp Mol Med*. Mar;55(3):520-531. PMID: 36854775

Abstracts

- TGFBI remodels adipose metabolism by regulating the Notch-1 signaling pathway Seul Gi Lee 1 2, Jongbeom Chae 1, Seon Min Woo 2, Seung Un Seo 2, Ha-Jeong Kim 3, Sang-Yeob Kim 4, **David D Schlaepfer** 5, In-San Kim 6 7, Hee-Sae Park 8, Taeg Kyu Kwon 9 10, Ju-Ock Nam 11 12 Affiliations expand, PMID: 36854775, PMCID: PMC10073093, DOI: 10.1038/s12276-023-00947-9.
- Ojalill M, Zhang YJ, Suwal U, Rappu P, Heino J, Connolly DC, Stupack DG and **Schlaepfer DD**. Ovarian tumor-intrinsic FAK-dependent regulation of the matrisome. Poster: Gordon Research Conference. Ventura, CA Feb 2023
- Zhang YJ, Ojalil M, Boyer A, **Schlaepfer DD**. Stimulated Focal Adhesion Kinase (FAK) Nuclear Localization Enhances Cisplatin Chemotherapy Resistance in Ovarian Carcer. Poster: American Association for Cancer Research National Meeting, Orlando, FL April 2023.
- Abbas MH, Ojalil M, Zhang YJ, Chen XL, and **Schlaepfer DD**. Focal Adhesion Kinase (FAK) Inhibition and Effects on Cisplatin Chemotherapy in Ovarian Cancer. Poster: American Association for Cancer Research National Meeting, Orlando, FL April 2023.

Invited Presentations

- Speaker: Gordon Research Conference. Ventura, CA Feb 2023. Title: “Ovarian Tumor-intrinsic FAK Regulation of the Matrisome.”
- Mini-Symposium Chairperson: American Association for Cancer Research National Meeting, Orlando, FL, April 2023 Title: “Tyrosine kinases and Ras Signaling.”

Honors and Awards

- CureBound Translational Research Award, February 2023.
- V Foundation Translational Research Award, August 2023.

STUPACK, Dwayne

Review Articles and Book Chapters (Peer-reviewed)

- Caspase-8 and Tyrosine Kinases: A Dangerous Liaison in Cancer Claudia Contadini, Alessandra Ferri, Claudia Cirotti, **Dwayne Stupack**, Daniela Barilà *Cancers (Basel)* 2023 Jul; 15(13): 3271. Published online 2023 Jun 21. doi: 10.3390/cancers15133271 PMID:PMC10340071.
- Caspase-8 as a novel mediator linking Src kinase signaling to enhanced glioblastoma malignancy. 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. *Cell Death Differ.* 2023 Feb;30(2):417-428. doi: 10.1038/s41418-022-01093-x. Epub 2022 Dec 2. PMID: 36460775; PMID: PMC9950463.

Abstracts

- Maintenance therapy inhibition of ptk2 yields decreased disease in preclinical models of HRP/HRD models of recurrent HGSOc. Breana Hill MD, Ioana Bondre MD, Elise Tahon MS, Meryem Soylu MD, Duygu Ozmadenci PhD, Xiao Lei Chen MS, Sarah Kinkel PhD, Terrie-Anne Cock PhD, Chris Burns PhD, David Schlaepfer PhD, Michael McHale MD, **Dwayne Stupack PhD**. American Association for Cancer Research Special Meeting: Ovarian Cancer. Boston MA, Oct 2023.

Honors and Awards

- Curebound Discovery Award, February 2023.

HOSPITALIST

CORMANO, Julia

Abstracts

- February 2023: APGO annual meeting small group discussion presentation “Individualized Clinical Coaching for MS3 Students: The Master Clinician Program.”

FRUGONI, Gina

Invited Presentations

- University of California, San Diego Moores Cancer Center – Learning Collaborative “Gender Diverse Cervical Cancer Screening,” July 2023.

HARVEY, Scott

Invited Presentations

- Maternal Fetal Medicine Lecture on The Fetus as Patient in the Critically Ill Patient, UC San Diego Health, San Diego, CA – January 2023.
- Obstetrics & Gynecology Resident Lecture Series: Enhanced Recovery After Surgery: Cesarean Deliveries, UC San Diego Health, San Diego, CA – January 2023.
- Conference lecture for Pulmonary and Critical Care Fellows and Faculty on Obstetric Emergencies for PCCM Team, UC San Diego Health, San Diego, CA – February 2023.

MELENDEZ, Ariana

Abstracts

- **Melendez, A. L.**, Gonzalez, A. K.; Salamat-Saberi, N.; Sauer, R.; Chuba, N. (2022, December 3). *Management of Cesarean Scar Pregnancy via Laparoscopic and Transcervical Approaches* [Conference Video Presentation]. AAGL 2022 Global Congress, Aurora, Colorado, United States.

LACOURSIERE, Yvette

Peer-Reviewed Research Publications

- **LaCoursiere DY**, Kane Low L, Putnam S, Wyman JF, Newman DK, Cunningham S, Rickey L, Berry A, Gahagan S, Vaughan CP, Brown O, Brady SS; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium, National Institutes of Health (NIH), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK). Development of a tool to assess bladder health knowledge, attitudes, and beliefs (BH-KAB). *Neurourol Urodyn*. 2023 June;42(5):1055-1067. <https://doi.org/10.1002/nau.25168>. Epub 2023 Mar 11. PMID: 36905331.
- Delker E, Ramos GA, Bandoli G, **LaCoursiere DY**, Ferran K, Gallo LC, Oren E, Gahagan S, Allison M. Associations Between Preconception Glycemia and Preterm Birth: The Potential Role of Health Care Access and Utilization. *J Womens Health (Larchmt)*. 2023 Mar;32(3):274-282. doi: 10.1089/jwh.2022.0256. Epub 2023 Feb 16. PMID: 36796052.
- Ha D, Ghebrendrias S, Meadows A, **LaCoursiere DY**, Lewis A, Lawson M, Morales M, Gyamfi-Bannerman C, Brubaker L. The Culture and Justice Quorum at University of California, San Diego: A Departmental Approach to Dismantling Structural Racism. *Acad Med*. 2023 Mar 1:e005200. doi: 10.1097/ACM.0000000000005200. Online ahead of print. PMID: 36862643.
- Camenga DR, Wang Z, Chu H, Lindberg S, Sutcliffe S, Brady SS, Coyne-Beasley T, Fitzgerald CM, Gahagan S, Low LK, **LaCoursiere DY**, Lavender M, Smith AL, Stapleton A, Harlow BL. Sexual Health Behaviors by Age 17 and Lower Urinary Tract Symptoms at Age 19: PLUS Research Consortium Analysis of ALSPAC Data. *J Adolesc Health*. 2023 May;72(5):737-745. <https://doi.org/10.1016/j.jadohealth.2022.12.019>. Epub 2023 Feb 11. PMID: 36781327.
- Rickey LM, Camenga DR, Brady SS, Williams BR, Wyman JF, Brault MA, Smith AL, **LaCoursiere DY**, James AS, Lavender MD, Low LK; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Women's Knowledge of Bladder Health: What We Have Learned in the Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. *Curr Bladder Dysfunct Rep*. 2022 Sep;17(3):188-195. <https://doi.org/10.1007/s11884-022-00655-6>. Epub 2022 May 25. PMID: 37206992; PMCID: PMC10195105.

- Markland A, Bavendam T, Cain C, Epperson CN, Fitzgerald CM, **LaCoursiere Y**, Shoham DA, Smith AL, Sutcliffe S, Rudser R. Occupational Groups and Lower Urinary Tract Symptoms: A Cross-Sectional Analysis of Women in the Boston Area Community Health Study. *Neurourology and Urodynamics* (in press). 2023 Sept.
- Cunningham SD, Lindberg S, Joinson C, Shoham D, Chu H, Newman D, Epperson N, Brubaker L, Low KL, Camenga DR, **LaCoursiere DY**, Kenton K, Sutcliffe S, Markland AD, Gahagan S, Coyne-Beasley T, Constantine M, Berry A, PLUS Research Consortium; Association between maternal antenatal and postnatal depression and lower urinary tract symptoms in their primary school-age daughters: A birth cohort study. *Journal of Pediatric Psychology* (in press) 2023 Sept.
- Sullender RT, Jacobs MB, Sandhu MS, **Lacoursiere DY**, Diaz Luevano C, Pickett CM, Agarwal SK. Perception and Comfort with Endometriosis Management Among OB/GYN Residents. *Int J Womens Health*. 2023 Nov 20;15:1801-1809. doi: 10.2147/IJWH.S424554. PMID: 38020939; PMCID: PMC10675651.

Abstracts

- Toileting Behaviors and Lower Urinary Tract Symptoms: A Cross-sectional Study of Diverse Women in the United States [Diane K. Newman](#), DNP, ANP-BC, FAAN, Adjunct Professor of Urology in Surgery, [Kathryn L. Burgio](#), PhD, Professor of Medicine, [Charles Cain](#), BA, [Jeni Hebert-Beirne](#), PhD, MPH, [Lisa Kane Low](#), PhD, CNM, FACNM, FAAN, Professor, Nursing, [Mary H. Palmer](#), PhD, FAAN, Helen W. & Thomas L. Umphlet Distinguished Professor in Aging, [Ariana L. Smith](#), MD, Associate Professor of Urology, [Leslie Rickey](#), MD, [Kyle Rudser](#), PhD, [Shelia Gahagan](#), MD MPH, Professor of Pediatrics, [Bernard L. Harlow](#), PhD, Professor, [Aimee S. James](#), PhD, MPH, Professor, **D. Yvette Lacoursiere**, MD, MPH, Professor, [Cecilia T. Hardacker](#), MSN, RN, CNL, Director of Education, [Jean F. Wyman](#), PhD, Professor and Cora Meidl Siehl Chair in Nursing Research, and Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. *Int J Nurs Stud Adv*. 2021 Nov; 3: 100052. Published online 2021 Nov 10. doi: [10.1016/j.ijnsa.2021.100052](https://doi.org/10.1016/j.ijnsa.2021.100052).

Invited Presentations

- OBGYN Clerkship: the road back from probation. Nager, **LaCoursiere**, Cormano, UC San Diego Medical Education Chairs Retreat. May 2023.

Honors and Awards

- “Top Doc” *San Diego Magazine* “Physicians of Exceptional Excellence”, 2023.

- UC San Diego Health, Physician Start Rating, “5 Stars” (12 month rolling average), 2023.
- UC San Diego, Department of Obstetrics, Gynecology and Reproductive Sciences, Obstetrics and Gynecology Residency Program, Resident Appreciation Award, 2023.
- UC San Diego Health Sciences, Office of Faculty Affairs, Health Sciences Excellence in Faculty Mentoring Award, 2023.

SUTTON, Alice

Invited Presentations

- Gabby L, Lyall M, Johnson E, Gyamfi-Bannerman C, **Sutton A**. “Implementation of the California Maternal Quality Care Collaborative obstetrical sepsis bundle: a pre and post analysis of provider satisfaction.” Poster presentation at the Society of Academic Specialists in General Obstetrics and Gynecology conference. May 2023; Baltimore, MD.

MATERNAL-FETAL MEDICINE

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Berman ZT, Boone CE, Melber DJ, **Ballas J**, Parikh R, **Ramos GA**, **Kelly TF**, McHale MT, Picel AC, Roberts AC. Intra-Operative Multivessel Embolization Reduces Blood Loss and Transfusion Requirements Compared to Internal Iliac Artery Balloon Placement During Cesarean Hysterectomy for Placenta Accreta Spectrum. *Journal of Vascular and Interventional Radiology*. 2023. doi: <https://doi.org/10.1016/j.jvir.2023.07.024>.
- Ha D, Ghebrendrias S, Meadows A, LaCoursiere DY, **Lewis A**, Lawson M, Morales M, **Gyamfi-Bannerman C**, Brubaker L. The Culture and Justice Quorum at University of California, San Diego: A Departmental Approach to Dismantling Structural Racism. *Acad Med*. 2023 Mar 1:e005200. doi: 10.1097/ACM.0000000000005200. Epub ahead of print. PMID: 36862643. Fielding-Miller R, Karthikeyan S, Gaines T, Garfein RS, Salido RA, Cantu VJ, Kohn L, Martin NK, Wynn A, Wijaya C, Flores M, Omaleki V, Majnoonian A, Gonzalez-Zuniga P, Nguyen M, Vo AV, Le T, Duong D, Hassani A, Tweeten S, Jepsen K, Henson B, Hakim A, Birmingham A, De Hoff P, Mark AM, Nasamran CA, Rosenthal SB, Moshiri N, **Fisch KM**, Humphrey G, Farmer S, Tubb HM, Valles T, Morris J, Kang J, Khaleghi B, Young C, Akel AD, Eilert S, Eno J, Curewitz K, **Laurent LC**, Rosing T, Knight R. “Safer at school early alert: an observational study of wastewater and surface monitoring to detect COVID-19 in elementary schools.” *The Lancet Regional Health Americas*. 2023 Mar;19:100449. doi: 10.1016/j.lana.2023.100449. eCollection 2023 Mar. PubMed PMID: 36844610; PubMed Central PMCID: PMC9939935.
- Kyser AJ, Masigol M, Mahmoud MY, Ryan M, **Lewis WG**, **Lewis AL**, Frieboes HB, Steinbach-Rankins JM. “Fabrication and characterization of bioprints with *Lactobacillus crispatus* for vaginal application.” *J Control Release*. 2023 May;357:545-560. doi: 10.1016/j.jconrel.2023.04.023. Epub 2023 Apr 21. PMID: 37076014.
- Mahmoud MY, Wesley M, Kyser A, **Lewis WG**, **Lewis AL**, Steinbach-Rankins JM, Frieboes HB. “*Lactobacillus crispatus*-loaded electrospun fibers yield viable and metabolically active bacteria that kill *Gardnerella* in vitro.” *Eur J Pharm Biopharm*. 2023 Jun;187:68-75. doi: 10.1016/j.ejpb.2023.04.011. Epub 2023 Apr 20. PMID: 37086869.
- Herold SE, Kyser AJ, Orr MG, Mahmoud MY, **Lewis WG**, **Lewis AL**, Steinbach-Rankins JM, Frieboes HB. “Release Kinetics of Metronidazole from 3D Printed Silicone Scaffolds for Sustained Application to the Female Reproductive Tract.” *Biomed Eng Adv*. 2023 Jun;5:100078. doi: 10.1016/j.bea.2023.100078. Epub 2023 Feb 9. PMID: 37123989.

- AJ Kyser, MY Mahmoud, SE Herold, **WG Lewis, AL Lewis**, JM Steinbach-Rankins, HB Frieboes. “Formulation and characterization of pressure-assisted microsyringe 3D-printed scaffolds for controlled intravaginal antibiotic release.” *International Journal of Pharmaceutics* 641, 123054.
- SK Agarwal, B Choudhury, LS Robinson, SR Morrill, Y Bouchibiti, D Chilin-Fuentes, SB Rosenthal, **KM Fisch**, JF Peipert, CB Lebrilla, JE Allsworth, **AL Lewis*, WG Lewis***. “Resident microbes shape the vaginal epithelial glycan landscape.” *Science Translational Medicine* 15 (724), eabp9599*Co-corresponding authors Initial Preprint: medRxiv 2022.02.23.22271417; doi: <https://doi.org/10.1101/2022.02.23.22271417>.
- Minooei F, Gilbert NM, Zhang L, Sarah NeCamp M, Mahmoud MY, Kyser AJ, Tyo KM, Watson WH, Patwardhan R, **Lewis WG**, Frieboes HB, **Lewis AL***, Steinbach-Rankins JM*. “Rapid-dissolving electrospun nanofibers for intravaginal antibiotic or probiotic delivery”. *Eur J Pharm Biopharm.* 2023 Jul 19:S0939-6411(23)00181-9. doi: 10.1016/j.ejpb.2023.07.009. PMID: 37479065*Co-corresponding authors.
- **Emeruwa UN, Gyamfi-Bannerman C, Laurent LC**. Biomarkers and the Risk of Preeclampsia. *JAMA.* 2023;329(7):539-41.
- Aisagbonhi O, Bui T, Nasamran CA, St Louis H, Pizzo D, Meads M, Mulholland M, Magallanes C, **Lamale-Smith L, Laurent LC**, Morey R, **Jacobs MB, Fisch KM**, Horii M. “High placental expression of FLT1, LEP, PYHIP and IL3RA - In persons of African ancestry with severe preeclampsia.” *Placenta.* 2023 Oct 20;144:13-22. doi: 10.1016/j.placenta.2023.10.008. PMID: 37949031.
- Hernandez, F., Chavez, H., Goemans, S., Kirakosyan, Y., Diaz Luevano, C., Canfield, D., **Laurent, L., Jacobs, M., Woelkers, D., Tarsa, M., Gyamfi-Bannerman, C., Fisch, K.** “Aspirin resistance in pregnancy is associated with reduced interleukin-2 (IL-2) concentrations in maternal serum: Implications for aspirin prophylaxis for preeclampsia.” *American Journal of Obstetrics & Gynecology MFM.* Submitted.
- **Jacobs MB**, Valentine HD, Adkins S, Magallanes C, Morgan SC, Pereira LM, Tekkotte C, Hakim A, De Hoff P, **Laurent LC, Pantham P**. Humoral immune response to SARS-CoV-2 in pregnant and nonpregnant women following infection. *AJOG Global Reports.* 2023; 3(2):100192. [PMID: 37113617; PMCID: 10010833].
- Morey R, Poling L, Srinivasan S, Martinez-King C, Anyikam A, Zhang-Rutledge K, To C, Hakim A, Mochizuki M, Verma K, Mason A, Tran V, Meads M, **Lamale-Smith L**, Horii M, **Ramos GA**, De Hoff P, Parast MP, **Pantham P, Laurent LC**. Discovery and Verification of Extracellular microRNA Biomarkers for Diagnostic and Prognostic Assessment of Preeclampsia at Triage. *Science Advances (Accepted, Nov 2023).* Available at: <https://doi.org/10.1101/2023.01.26.23285072>
- Horii M, To C, Morey R, **Jacobs MB**, Li Y, Nelson KK, Mead M, Siegel BA, Pizzo D, Adami R, Zhang-Rutledge K, **Lamale-Smith LM, Laurent LC**, Parast MM. Histopathologic and Transcriptomic Profiling Identifies Novel Trophoblast Defects in Patients with Preeclampsia and Maternal Vascular Malperfusion. *Modern Pathology*,2023,100035, ISSN 0893-3952, <https://doi.org/10.1016/j.modpat.2022.100035>.

- Matteson NL, Hassler GW, Kurzban E, Schwab MA, Perkins SA, Gangavarapu K, Levy JI, Parker E, Pride D, Hakim A, De Hoff P, Cheung W, Castro-Martinez A, Rivera A, Veder A, Rivera A, Wauer C, Holmes J, Wilson J, Ngo SN, Plascencia A, Lawrence ES, Smoot EW, Eisner ER, Tsai R, Chacón M, Baer NA, Seaver P, Salido RA, Aigner S, Ngo TT, Barber T, Ostrander T, Fielding-Miller R, Simmons EH, Zazueta OE, Serafin-Higuera I, Sanchez-Alavez M, Moreno-Camacho JL, García-Gil A, Murphy Schafer AR, McDonald E, Corrigan J, Malone JD, Stous S, Shah S, Moshiri N, Weiss A, Anderson C, Aceves CM, Spencer EG, Hufbauer EC, Lee JJ, King AJ, Ramesh KS, Nguyen KN, Saucedo K, Robles-Sikisaka R, **Fisch KM**, Gonias SL, Birmingham A, McDonald D, Karthikeyan S, Martin NK, Schooley RT, Negrete AJ, Reyna HJ, Chavez JR, Garcia ML, Cornejo-Bravo JM, Becker D, Isaksson M, Washington NL, Lee W, Garfein RS, Luna-Ruiz Esparza MA, Alcántar-Fernández J, Henson B, Jepsen K, Olivares-Flores B, Barrera-Badillo G, Lopez-Martínez I, Ramírez-González JE, Flores-León R, Kingsmore SF, Sanders A, Pradenas A, White B, Matthews G, Hale M, McLawhon RW, Reed SL, Winbush T, McHardy IH, Fielding RA, Nicholson L, Quigley MM, Harding A, Mendoza A, Bakhtar O, Browne SH, Olivas Flores J, Rincon Rodríguez DG, Gonzalez Ibarra M, Robles Ibarra LC, Arellano Vera BJ, Gonzalez Garcia J, Harvey-Vera A, Knight R, **Laurent LC**, Yeo GW, Wertheim JO, Ji X, Worobey M, Suchard MA, Andersen KG, Campos-Romero A, Wohl S, Zeller M. “Genomic surveillance reveals dynamic shifts in the connectivity of COVID-19 epidemics.” *Cell*. 2023 Dec 21;186(26):5690-5704.e20. doi: 10.1016/j.cell.2023.11.024. Epub 2023 Dec 14. PMID: 38101407.
- Pham D, Lomeli A, BS1, Goldhaber N, Valentine HD, Knight R, Longhurst CA, **Laurent LC, Jacobs M**. “Longitudinal Assessment of COVID-19 Infection Impact on Mask-Wearing Behaviors for Individuals Affiliated with the University of California, San Diego” Accepted in “Journal of Health and Social Behavior.” 2023.
- Goldhaber NH, **Jacobs MB, Laurent LC**, Knight R, Zhu W, Pham D, Tran A, Patel SP, Hogarth M, Longhurst CA. “Integrating clinical research into commercial EHR workflows to support a learning health system.” 2023. Accepted in “Journal of the American Medical Informatics Association”.
- **Emeruwa UN**, Azad H, Ona S, Bejerano S, Alnafisee S, Emont J, Mathew S, Battle M, Arnold D, Ukoha EP, **Laurent L, Jacobs M**, Aubey JJ, Miller RS, **Gyamfi-Bannerman C**. Furosemide for the prevention of de novo postpartum hypertension: A randomized placebo-controlled trial. *American Journal of Obstetrics & Gynecology*. 2030. Under Review.

Review Articles and Book Chapters (Peer-reviewed)

- **Kelly TF**, Savides T. Gastrointestinal Disorders in Pregnancy. In Lockwood CJ, Copel JA, Dugoff L, Louis J, **Moore TR**, Silver RM, Resnik R (eds), *Maternal Fetal Medicine-Principles and Practice*. 9th Edition. Philadelphia, Elsevier, 2023; pp 1241-56.

- **Kelly TF**, Savides T. Gastrointestinal Disorders in Pregnancy. In Lockwood CJ, **Moore T**, Copel J, Silver RM, Resnik R, Louis J, Dugoff L (eds), Creasy-Resnik's Study Guide for Maternal Fetal Medicine. 1st Edition. Philadelphia, Elsevier, 2023; pp 202-204.
- Sluka KA, Wager TD, Sutherland SP, Labosky PA, Balach T, Bayman EO, Berardi G, Brummett CM, Burns J, Buvanendran A, Caffo B, Calhoun VD, Clauw D, Chang A, Coffey CS, Dailey DL, Ecklund D, Fiehn O, **Fisch KM**, Frey Law LA, Harris RE, Harte SE, Howard TD, Jacobs J, Jacobs JM, Jepsen K, Johnston N, Langefeld CD, **Laurent LC**, Lenzi R, Lindquist MA, Lokshin A, Kahn A, McCarthy RJ, Olivier M, Porter L, Qian WJ, Sankar CA, Satterlee J, Swensen AC, Vance CGT, Waljee J, Wandner LD, Williams DA, Wixson RL, Zhou ZJ. Predicting chronic postsurgical pain: current evidence and a novel program to develop predictive biomarker signatures. *Pain*. 2023 Jun 15;. doi: 10.1097/j.pain.0000000000002938. PubMed PMID: 37326643; NIHMSID:NIHMS1895961.
- Frequency of preeclampsia spectrum disorders by diabetes subgroup. Gabby, Lauryn C. ; **Jacobs, Marni B.** ; Zhang-Rutledge, Kathy ; Meads, Morgan ; Pham, Donna ; Liu, Tzu Ning ; Bucknum, Annamarie ; **Smith, Leah Lamale** ; Parast, Mana M. ; **Laurent, Louise C.** ; **Ramos, Gladys A.** Elsevier Inc. American journal of obstetrics and gynecology, 2023, Vol.228 (1), p.S518-S518.

Abstracts

- Gabby LC, Koenig JB, Canfield DR, **Ballas J, Gyamfi-Bannerman C.** Later perterm polyhydramnios and the risk of transient tachypnea of the newborn. Society for Maternal-Fetal. Medicine Annual Meeting 2023. San Francisco, CA.
- Gabby LC, Jacobs M, Zhang-Rutledge K, Meads M, Pham D, Bucknum A, Liu E, **Lamale-Smith L, Laurent LC, Ramos G.** "Frequency of preeclampsia spectrum disorders by diabetes subgroup." Poster. 2023. Annual meeting of the Society for Maternal Fetal Medicine. San Francisco, CA.
- Pinson KA, Mims JR, Gabby LC, **Ballas J, Ramos GA.** In-Vitro fertilization versus spontaneous conception and risk of hypertensive disease in twin pregnancies. Society for Maternal-Fetal Medicine Annual Meeting 2023. San Francisco, CA.
- Fisch K, Diaz Luevano C, Canfield D, Goemans SL , **Laurent LC, Jacobs M, Woelkers D, Gyamfi-Bannerman C.** "Biomarkers of Low Dose Aspirin Clinical Resistance in Women at High Risk of Preeclampsia."Poster. 2023. Annual meeting of the Society for Maternal Fetal Medicine. San Francisco, CA.
- Ngu P, **Jacobs M**, Corn C, **Laurent LC**, Bae J, **Wolf R**, Pinson K. "Race and socioeconomic status in preeclampsia risk, gestional age, and fetal growth." Poster 2023. SMFM 43rd Annual Pregnancy Meeting. San Fransico, CA.

- Pinson KA, Mims JR, **Ballas J**, Pettit KE, **Ramos GA**. Maternal race/ethnicity and mode of delivery in twin gestations. ACOG Annual Clinical & Scientific Meeting 2023. Baltimore, MD.
- Huang, M., Guo, N., Lindsay, S., Mason, C., Stanley, V., Flynn, B., **Jacobs, M.**, Rodriguez-Soto, A., Nasamran, C., Courtois, E., Rakow-Penner, R., Robson, P., Parast, M., **Laurent, L.**, **Fisch, K.** 2023. Inherent placental mosaicism enables trophoblast lineage tracing. 2023 Sanford Stem Cell Institute Symposium, La Jolla, CA (*poster presentation*).
- **Fisch, K.**, Goemans, S., Hernandez, F., Diaz Luevano, C., Canfield, D., Horii, M., **Laurent, L.**, **Jacobs, M.**, **Woelkers, D.**, **Gyamfi-Bannerman, C.** 2023. Low Dose Aspirin for Preeclampsia Prevention: Biomarkers of Aspirin Resistance. Society for Reproductive Investigation 70th Annual Scientific Meeting, Brisbane, Australia. (*poster presentation*).
- Lindsay-Hewett, S., Mason, C., Stanley, V., Courtois, E., Flynn, W., **Jacobs, M.**, Rodriguez-Soto, A., Nasamran, C., Sivajothi, S., Rakow-Penner, R., Robson, P., Parast, M., **Laurent, L.**, **Fisch, K.** 2023. A spatially-resolved multimodal atlas of the human term placenta. Society for Reproductive Investigation 70th Annual Scientific Meeting, Brisbane, Australia. (*oral presentation*).
- **Pantham, P.**, DeHoff, P., Srinivasan, S., Nasamran, C., Hakim, A., Castro, A., Cortes, G., Calamburu, A., Verma, K., Anyikam, A., Mason, A., Tran, V., Meads, M., Horii, M., To, C., Parast, M., **Laurent, L.**, **Fisch, K.** 2023. Placental and maternal biofluid miRNA predictors of gestational age in pregnancy. Society for Reproductive Investigation 70th Annual Scientific Meeting, Brisbane, Australia. (*poster presentation*).
- Morey R, Poling L, Srinivasan S, Martinez-Gonzalez C, Anyikam A, Zhang-Rutledge K, Cuong T, Hakim A, Mochizuki M, Verma K, Mason A, Tran V, Meads M, **Lamale-Smith L**, Horii M, Ramos G, DeHoff P, Parast MM, **Pantham P**, **Laurent LC**. “Discovery and Verification of Extracellular microRNA Biomarkers for Diagnostic and Prognostic Assessment of Preeclampsia at Triage”. Poster. 2023. Annual meeting of the Society for Reproductive Investigation. Brisbane, Australia.
- Goemans, S., Pinson, K., **Jacobs, M.**, Hoang, M., **Fisch, K.**, Longhurst, C., **Tarsa, M.**, **Gyamfi-Bannerman, C.** 2023. The inequity of eclampsia in Southern California. The Society for Maternal-Fetal Medicine 2023 Annual Pregnancy Meeting, San Francisco, CA. (*poster presentation*).
- **Emeruwa UN**, Azad H, Ona S, Bejerano S, Alnafisee S, Emont J, Mathew S, Batlle M, Arnold D, Ukoha EP, Aubey J, D’Alton ME, Miller RS, **Gyamfi-Bannerman C**. Furosemide for the prevention of de novo postpartum hypertension: A randomized placebo-controlled trial. *Am J Obstet Gynecol* 2023;228(suppl1):S755.
- Wauer C, Diaz Luevano C, Kung A, Hakim A, Meads M, Castro-Martinez A, Parast MP, **Laurent LC**, **Jacobs M**. ApoE ε2 carrier status is associated with increased HDL in pregnancy and decreased fetal growth. 2023 Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting. June 12-13, 2023: Portland, OR.

- Ngu PB, Bae J, Corn MC, Diaz Luevano C, Pinson KA, **Wolf RB, Laurent LC, Jacobs M**. Race and socioeconomic status in preeclampsia severity and fetal growth. 2023 Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting. June 12-13, 2023: Portland, OR.
- **Pantham P†**, Mochizuki M, ElGhayati B, Wauer C, De Hoff P, Srinivasan S, Hakim A, Ostrander T, Santiago G, Melber DJ, **Jacobs MB, Laurent LC**. Transcriptomic Profiling of Urinary Extracellular miRNAs in Preeclampsia. *Placenta 2023 Sep: 140 E44-E44*. Poster presentation, International Federation of Placenta Associations Meeting 2022 Sep, Rotorua, New Zealand.
- Lindsay S, Stanley V, Mason C, Flynn W, **Jacobs M**, Rodriguez-Soto A, Nasamran C, Courtois E, Sivajothi S, Rakow-Penner R, Robson P, Parast M, **Fisch K, Laurent LC**. “Whole transcriptome spatial profiling reveals the location of distinct cell subtypes and novel biomarkers in the human term placenta.” Oral presentation and poster. 2023. Annual meeting of the International Federation of Placenta Associations. Rotorua, New Zealand.

BALLAS, Jerasimos

Peer-Reviewed Research Publications

- Berman ZT, Boone CE, Melber DJ, **Ballas J**, Parikh R, Ramos GA, Kelly TF, McHale MT, Picel AC, Roberts AC. Intra-Operative Multivessel Embolization Reduces Blood Loss and Transfusion Requirements Compared to Internal Iliac Artery Balloon Placement During Cesarean Hysterectomy for Placenta Accreta Spectrum. *Journal of Vascular and Interventional Radiology*. 2023. doi: <https://doi.org/10.1016/j.jvir.2023.07.024>.

Abstracts

- Gabby LC, Koenig JB, Canfield DR, **Ballas J**, Gyamfi-Bannerman C. Later perterm polyhydramnios and the risk of transient tachypnea of the newborn. Society for Maternal-Fetal Medicine Annual Meeting 2023. San Francisco, CA.
- Pinson KA, Mims JR, Gabby LC, **Ballas J**, Ramos GA. In-Vitro fertilization versus spontaneous conception and risk of hypertensive disease in twin pregnancies. Society for Maternal-Fetal Medicine Annual Meeting 2023. San Francisco, CA.
- Pinson KA, Mims JR, **Ballas J**, Pettit KE, Ramos GA. Maternal race/ethnicity and mode of delivery in twin gestations. ACOG Annual Clinical & Scientific Meeting 2023. Baltimore, MD.

Invited Presentations

- Grand Rounds Speaker, UC San Diego Health, San Diego, CA. May 10, 2023.
 - Substance Use and Opioid Use Disorders in Pregnancy.
- Grand Rounds Speaker, UC San Diego Health, San Diego, CA. May 10, 2023.
 - Substance Use and Opioid Use Disorders in Pregnancy.
- Grand Rounds Speaker, UC San Diego Health, San Diego, CA. February 22, 2023.
 - Work in Progress – A Wellness Director’s Search for Work-Life Harmony
- Coordinator and Speaker, SMFM Thrive – Burnout & Wellness Scientific Forum, Society for Maternal-Fetal Medicine Annual Meeting, February 22, 2023, San Francisco, CA.
 - A Trial & Error Approach to Harmony at Home, At Work, and for Yourself.
- Speaker and Panelist for San Diego County Breastfeeding Coalition Webinar: Lactation, Opioids & Mental Health: Maternal Substance Use, Treatments, and Resources. January 24, 2023. Virtual.
 - Substance Use Disorder & Pregnancy

EMERUWA, Ukachi

Peer-Reviewed Research Publications

- **Emeruwa UN**, Azad H, Ona S, Bejerano S, Alnafisee S, Emont J, Mathew S, Batlle M, Arnold D, Ukoha EP, Laurent L, Jacobs M, Aubey JJ, Miller RS, Gyamfi-Bannerman C. Furosemide for the prevention of de novo postpartum hypertension: A randomized placebo-controlled trial. *American Journal of Obstetrics & Gynecology*. 2030. Under Review.
- **Emeruwa UN**, Gyamfi-Bannerman C, Laurent LC. Biomarkers and the Risk of Preeclampsia. *JAMA*. 2023;329(7):539-41.

Abstracts

- **Emeruwa UN**, Azad H, Ona S, Bejerano S, Alnafisee S, Emont J, Mathew S, Batlle M, Arnold D, Ukoha EP, Aubey J, D’Alton ME, Miller RS, Gyamfi-Bannerman C. Furosemide for the prevention of de novo postpartum hypertension: A randomized placebo-controlled trial. *Am J Obstet Gynecol* 2023;228(suppl1):S755.

Invited Presentations

- **Emeruwa UN**, Azad H, Ona S, Bejerano S, Alnafisee S, Emont J, Mathew S, Batlle M, Arnold D, Ukoha EP, D'Alton ME, Miller RS, Gyamfi-Bannerman C. Furosemide for the prevention of de novo postpartum hypertension: A randomized placebo-controlled trial. *American Journal of Obstetrics & Gynecology*. 2023;228(1):S755.
- “Preeclampsia and fetal growth restriction: The chicken or the egg?” **Emeruwa, UN** (Speaker) University of California San Diego, Center for Perinatal Discovery/Star Legacy Foundation, 2023 Annual Symposium.
- 09/2023 “Preeclampsia and fetal growth restriction: The chicken or the egg?” “The maternal mortality crisis and postpartum hypertension” **Emeruwa, UN** (Speaker) The Pennsylvania State University College of Medicine, Division of Maternal-Fetal Medicine Didactic.
- 08/2023 “Maternal mortality and hypertensive disorders of pregnancy” **Emeruwa, UN** (Speaker) National Association of Community Health Centers, 2023 Annual Community Health Institute & Expo.

FISCH, Kathleen

Peer-Reviewed Research Publications

- Hernandez, F., Chavez, H., Goemans, S., Kirakosyan, Y., Diaz Luevano, C., Canfield, D., Laurent, L., Jacobs, M., Woelkers, D., Tarsa, M., Gyamfi-Bannerman, C., **Fisch, K.** “Aspirin resistance in pregnancy is associated with reduced interleukin-2 (IL-2) concentrations in maternal serum: Implications for aspirin prophylaxis for preeclampsia.” *American Journal of Obstetrics & Gynecology MFM*. Submitted. Contribution: Corresponding Author, Conceptualization, Data Curation, Formal Analysis, Investigation, Methodology, Project Administration, Software, Visualization, Writing – original draft, Writing – review & editing.
- Patta, I., Zand, M., Lee, L., Mishra, S., Bortnick, A., Lu, H., Prusty, A., McArdle, S., Mikulski, Z., Wang, H., Cheng, C., **Fisch, K.***, Hu, M.*, Murre, C.* “Nuclear shapes are instructed by loop extrusion programs.” *Nature*. In Press. *Co-corresponding authors. Contribution: Co-Corresponding Author, Conceptualization, Data Curation, Formal Analysis, Investigation, Methodology, Project Administration, Software, Visualization, Writing – original draft, Writing – review & editing.
- Aisagbonhi O, Bui T, Nasamran CA, St Louis H, Pizzo D, Meads M, Mulholland M, Magallanes C, Lamale-Smith L, Laurent LC, Morey R, Jacobs MB, **Fisch KM**, Horii M. “High placental expression of FLT1, LEP, PYHIP and IL3RA - In persons of African ancestry with severe preeclampsia.” *Placenta*. 2023 Oct 20;144:13-22. doi: 10.1016/j.placenta.2023.10.008. PMID: 37949031. Contribution: Formal Analysis, Data Curation, Methodology, Investigation, Visualization, Supervision, Writing – original draft, Writing – review & editing.
- Agarwal K, Choudhury B, Robinson LS, Morrill SR, Bouchibiti Y, Chilin-Fuentes D, Rosenthal SB, **Fisch KM**, Peipert JF, Lebrilla CB, Allsworth JE, Lewis AL, Lewis WG. “Resident microbes shape the vaginal epithelial glycan

- landscape.” *Science Translational Medicine*. 2023 Nov 29;15(724):eabp9599. doi: 10.1126/scitranslmed.abp9599. Epub 2023 Nov 29. PMID: 38019934. Contribution: Methodology, Supervision, Writing – review & editing.
- Nakagawa T, Santos J, Nasamran CA, Sen P, Sadat S, Monther A, Bendik J, Ebisumoto K, Hu J, Preissl S, Guo T, Vavinskaya V, **Fisch KM**, Califano JA. “Defining the relationship of salivary gland malignancies to novel cell subpopulations in human salivary glands using single nucleus RNA-sequencing.” *Int. J. Cancer*. 2023 Nov 16. doi: 10.1002/ijc.34790. PMID: 37971144. Contribution: Formal Analysis, Methodology, Investigation, Supervision, Writing – review & editing.
 - Qualliotine JR, Nakagawa T, Rosenthal SB, Sadat S, Ballesteros-Merino C, Xu G, Mark A, Nasamran A, Gutkind JS, **Fisch KM**, Guo T, Fox BA, Khan Z, Molinolo AA, Califano JA. “A network landscape of HPVOPC reveals methylation alterations as significant drivers of gene expression via an immune-mediated GPCR signal.” *Cancers (Basel)*. 2023 Sep 1;15(17):4379. doi: 10.3390/cancers15174379. Contribution: Formal Analysis, Data Curation, Methodology, Investigation, Supervision, Writing – original draft, Writing – review & editing.
 - Rivera M, Zhang H, Pham J, Isquith J, Zhou QJ, Sasik R, Mark A, Ma W, Holm F, **Fisch KM**, Kuo DJ, Jamieson C, Jiang Q. “Malignant A-to-I RNA editing by ADAR1 drives T-cell acute lymphoblastic leukemia relapse via attenuating dsRNA sensing.” *Res. Sq.* 2023 Jun 16:rs.3.rs-2444524. doi: 10.21203/rs.3.rs-2444524/v2. Preprint. PMID: 37398458. Contribution: Formal Analysis, Data Curation, Methodology, Supervision, Writing – review & editing.
 - Baghdassarian H, Blackstone SA, Clay OS, Philips R, Matthiasardottir B, Nehrebecky M, Hua VK, McVicar R, Liu Y, Tucker SM, Randazzo D, Deutch N, Rosenzweig S, Mark A, Sasik R, **Fisch KM**, Pimpale Chavan P, Eren E, Watts NR, Ma CA, Gadina M, Schwartz DM, Sanyal A, Werner G, Murdock DR, Horita N, Chowdhury S, Dimmock D, Jepsen K, Remmers EF, Goldbach-Mansky R, Gahl WA, O’Shea JJ, Milner JD, Lewis NE, Chang J, Kastner DL, Torok K, Oda H, Putnam CD, Broderick L. “Variant STAT4 and Response to Ruxolitinib in an Autoinflammatory Syndrome. *New England Journal of Medicine*.” 2023 Jun 15;388(24):2241-2252. doi: 10.1056/NEJMoa2202318. Epub 2023 May 31. PubMed PMID: 37256972; PubMed Central PMCID: PMC10392571. Contribution: Formal Analysis, 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*.” 2023 Jun 1;77(6):1968-1982. doi: 10.1002/hep.32776. Epub 2022 Oct 12. PubMed PMID: 36059147; PubMed Central PMCID: PMC9984672. Contribution: Methodology, Supervision, Writing – review & editing.
 - Vasquez-Bolanos LS, Gibbons MC, Ruoss S, Wu IT, Esparza MC, Fithian DC, Lane JG, Singh A, Nasamran CA, **Fisch KM**, Ward SR. “Transcriptional time course after rotator cuff repair in 6 month old female rabbits. *Frontiers in*

Physiology.” 2023;14:1164055. doi: 10.3389/fphys.2023.1164055. eCollection 2023. PubMed PMID: 37228812; PubMed Central PMCID: PMC10203179. Contribution: Formal Analysis, Investigation, Methodology, Supervision, Visualization, Writing – original draft, review & editing.

- Cooke EJ, Joseph BC, Nasamran CA, **Fisch KM**, von Drygalski A. “Maladaptive lymphangiogenesis is associated with synovial iron accumulation and delayed clearance in factor VIII-deficient mice after induced hemarthrosis.” *Journal of Thrombosis and Haemostasis*. 2023 Apr 26;. doi: 10.1016/j.jth.2023.04.022. PubMed PMID: 37116753. Contribution: Methodology, Supervision, Writing – review & editing.
- Niemsiri V, Rosenthal SB, Nievergelt CM, Maihofer AX, Marchetto MC, Santos R, Shekhtman T, Alliey-Rodriguez N, Anand A, Balaraman Y, Berrettini WH, Bertram H, Burdick KE, Calabrese JR, Calkin CV, Conroy C, Coryell WH, DeModena A, Eyster LT, Feeder S, Fisher C, Frazier N, Frye MA, Gao K, Garnham J, Gershon ES, Goes FS, Goto T, Harrington GJ, Jakobsen P, Kamali M, Kelly M, Leckband SG, Lohoff FW, McCarthy MJ, McInnis MG, Craig D, Millett CE, Mondimore F, Morken G, Nurnberger JI, Donovan CO, Øedegaard KJ, Ryan K, Schinagle M, Shilling PD, Slaney C, Stapp EK, Stautland A, Tarwater B, Zandi PP, Alda M, **Fisch KM**, Gage FH, Kelsoe JR. “Focal adhesion is associated with lithium response in bipolar disorder: evidence from a network-based multi-omics analysis.” *Molecular Psychiatry*. 2023 Mar 29;. doi: 10.1038/s41380-022-01909-9. PubMed PMID: 36991131. Contribution: Formal Analysis, Investigation, Methodology, Supervision, Visualization, Writing – original draft, review & editing.
- van der Werf I, Mondala PK, Steel SK, Balaian L, Ladel L, Mason CN, Diep RH, Pham J, Cloos J, Kaspers GJL, Chan WC, Mark A, La Clair JJ, Wentworth P, **Fisch KM**, Crews LA, Whisenant TC, Burkart MD, Donohoe ME, Jamieson CHM. “Detection and targeting of splicing deregulation in pediatric acute myeloid leukemia stem cells. *Cell Reports Medicine*.” 2023 Mar 21;4(3):100962. doi: 10.1016/j.xcrm.2023.100962. Epub 2023 Mar 7. PubMed PMID: 36889320; PubMed Central PMCID: PMC10040387. Contribution: Formal Analysis, Investigation, Methodology, Supervision, Writing – review & editing.
- Fielding-Miller R, Karthikeyan S, Gaines T, Garfein RS, Salido RA, Cantu VJ, Kohn L, Martin NK, Wynn A, Wijaya C, Flores M, Omaleki V, Majnoonian A, Gonzalez-Zuniga P, Nguyen M, Vo AV, Le T, Duong D, Hassani A, Tweeten S, Jepsen K, Henson B, Hakim A, Birmingham A, De Hoff P, Mark AM, Nasamran CA, Rosenthal SB, Moshiri N, **Fisch KM**, Humphrey G, Farmer S, Tubb HM, Valles T, Morris J, Kang J, Khaleghi B, Young C, Akel AD, Eilert S, Eno J, Curewitz K, Laurent LC, Rosing T, Knight R. “Safer at school early alert: an observational study of wastewater and surface monitoring to detect COVID-19 in elementary schools.” *The Lancet Regional Health Americas*. 2023 Mar;19:100449. doi: 10.1016/j.lana.2023.100449. eCollection 2023 Mar. PubMed PMID: 36844610; PubMed Central PMCID: PMC9939935. Contribution: Data Curation, Formal Analysis, Investigation, Methodology, Project Administration, Software, Supervision, Writing – review & editing.

- McCoy AM, Lakhdari O, Shome S, Caoili K, Hernandez GE, Aghaeepour N, Butcher LD, **Fisch K**, Prince LS. “Sp3 is essential for normal lung morphogenesis and cell cycle progression during mouse embryonic development.” *Development*. 2023 Feb 10;. doi: 10.1242/dev.200839. PubMed PMID: 36762637. Contribution: Formal Analysis, Investigation, Methodology, Supervision, Visualization, Writing – original draft, review & editing.
- Rosenthal SB, Wright SN, Liu S, Churas C, Chilin-Fuentes D, Chen CH, **Fisch KM**, Pratt D, Kreisberg JF, Ideker T. “Mapping the common gene networks that underlie related diseases.” *Nature Protocols*. 2023 Jan 18;. doi: 10.1038/s41596-022-00797-1. PubMed PMID: 36653526. Contribution: Methodology, Writing –review & editing.
- Matteson NL, Hassler GW, Kurzban E, Schwab MA, Perkins SA, Gangavarapu K, Levy JI, Parker E, Pride D, Hakim A, De Hoff P, Cheung W, Castro-Martinez A, Rivera A, Veder A, Rivera A, Wauer C, Holmes J, Wilson J, Ngo SN, Plascencia A, Lawrence ES, Smoot EW, Eisner ER, Tsai R, Chacón M, Baer NA, Seaver P, Salido RA, Aigner S, Ngo TT, Barber T, Ostrander T, Fielding-Miller R, Simmons EH, Zazueta OE, Serafin-Higuera I, Sanchez-Alavez M, Moreno-Camacho JL, García-Gil A, Murphy Schafer AR, McDonald E, Corrigan J, Malone JD, Stous S, Shah S, Moshiri N, Weiss A, Anderson C, Aceves CM, Spencer EG, Hufbauer EC, Lee JJ, King AJ, Ramesh KS, Nguyen KN, Saucedo K, Robles-Sikisaka R, **Fisch KM**, Gonias SL, Birmingham A, McDonald D, Karthikeyan S, Martin NK, Schooley RT, Negrete AJ, Reyna HJ, Chavez JR, Garcia ML, Cornejo-Bravo JM, Becker D, Isaksson M, Washington NL, Lee W, Garfein RS, Luna-Ruiz Esparza MA, Alcántar-Fernández J, Henson B, Jepsen K, Olivares-Flores B, Barrera-Badillo G, Lopez-Martínez I, Ramírez-González JE, Flores-León R, Kingsmore SF, Sanders A, Pradenas A, White B, Matthews G, Hale M, McLawhon RW, Reed SL, Winbush T, McHardy IH, Fielding RA, Nicholson L, Quigley MM, Harding A, Mendoza A, Bakhtar O, Browne SH, Olivas Flores J, Rincon Rodríguez DG, Gonzalez Ibarra M, Robles Ibarra LC, Arellano Vera BJ, Gonzalez Garcia J, Harvey-Vera A, Knight R, Laurent LC, Yeo GW, Wertheim JO, Ji X, Worobey M, Suchard MA, Andersen KG, Campos-Romero A, Wohl S, Zeller M. “Genomic surveillance reveals dynamic shifts in the connectivity of COVID-19 epidemics.” *Cell*. 2023 Dec 21;186(26):5690-5704.e20. doi: 10.1016/j.cell.2023.11.024. Epub 2023 Dec 14. PMID: 38101407.

Review Articles and Book Chapters (Peer-reviewed)

- Jain S, Pei L, Spraggins JM, Angelo M, Carson JP, Gehlenborg N, Ginty F, Gonçalves JP, Hagood JS, Hickey JW, Kelleher NL, Laurent LC, Lin S, Lin Y, Liu H, Naba A, Nakayasu ES, Qian WJ, Radtke A, Robson P, Stockwell BR, Van de Plas R, Vlachos IS, Zhou M, Börner K, Snyder MP & HuBMAP Consortium. Advances and prospects for the Human BioMolecular Atlas Program (HuBMAP). *Nature Cell Biology*. 2023 Jul 19;. doi: 10.1038/s41556-023-01194-w. [Epub ahead of print] Review. PubMed PMID: 37468756. *Writing –review & editing*.
- Sluka KA, Wager TD, Sutherland SP, Labosky PA, Balach T, Bayman EO, Berardi G, Brummett CM, Burns J, Buvanendran A, Caffo B, Calhoun VD, Clauw D, Chang A, Coffey CS, Dailey DL, Ecklund D, Fiehn O, **Fisch KM**,

Frey Law LA, Harris RE, Harte SE, Howard TD, Jacobs J, Jacobs JM, Jepsen K, Johnston N, Langefeld CD, Laurent LC, Lenzi R, Lindquist MA, Lokshin A, Kahn A, McCarthy RJ, Olivier M, Porter L, Qian WJ, Sankar CA, Satterlee J, Swensen AC, Vance CGT, Waljee J, Wandner LD, Williams DA, Wixson RL, Zhou ZJ. Predicting chronic postsurgical pain: current evidence and a novel program to develop predictive biomarker signatures. *Pain*. 2023 Jun 15; doi: 10.1097/j.pain.0000000000002938. PubMed PMID: 37326643; NIHMSID:NIHMS1895961. *Writing – original draft, review & editing.*

Abstracts

- Huang, M., Guo, N., Lindsay, S., Mason, C., Stanley, V., Flynn, B., Jacobs, M., Rodriguez-Soto, A., Nasamran, C., Courtois, E., Rakow-Penner, R., Robson, P., Parast, M., Laurent, L., **Fisch, K.** 2023. Inherent placental mosaicism enables trophoblast lineage tracing. 2023 Sanford Stem Cell Institute Symposium, La Jolla, CA (*poster presentation*).
- Guo, N., Chavez, H., Huang, M., Mason, C., Nelson, K., Meads, M., Aisagbonhi, O., Parast, M., Horii, M., **Fisch, K.** 2023. Mutational and gene expression profiles of early-onset preeclampsia. American Society for Human Genetics Annual Meeting, Washington, D.C. (*poster presentation*).
- Chavez, H., Guo, N., Huang, M., Nelson, K., Meads, M., Aisagbonhi, O., Parast, M., Horii, M., **Fisch, K.** 2023. Placental mutational burden negatively correlates with gestational age in early-onset preeclampsia. Gerontological Society of America 2023 Annual Scientific Meeting, Tampa, FL. (*poster presentation*).
- **Fisch, K.**, Goemans, S., Hernandez, F., Diaz Luevano, C., Canfield, D., Horii, M., Laurent, L., Jacobs, M., Woelkers, D., Gyamfi-Bannerman, C. 2023. Low Dose Aspirin for Preeclampsia Prevention: Biomarkers of Aspirin Resistance. Society for Reproductive Investigation 70th Annual Scientific Meeting, Brisbane, Australia. (*poster presentation*).
- **Fisch, K.**, Guo, N., Huang, M., Nelson, K., Meads, M., Aisagbonhi, O., Parast, M., Horii, M. 2023. Rare damaging mutations in placental tissue associated with placental injury and preeclampsia. Society for Reproductive Investigation 70th Annual Scientific Meeting, Brisbane, Australia. (*poster presentation*).
- Lindsay-Hewett, S., Mason, C., Stanley, V., Courtois, E., Flynn, W., Jacobs, M., Rodriguez-Soto, A., Nasamran, C., Sivajothi, S., Rakow-Penner, R., Robson, P., Parast, M., Laurent, L., **Fisch, K.** 2023. A spatially-resolved multimodal atlas of the human term placenta. Society for Reproductive Investigation 70th Annual Scientific Meeting, Brisbane, Australia. (*oral presentation*).
- Pantham, P., DeHoff, P., Srinivasan, S., Nasamran, C., Hakim, A., Castro, A., Cortes, G., Calambru, A., Verma, K., Anyikam, A., Mason, A., Tran, V., Meads, M., Horii, M., To, C., Parast, M., Laurent, L., **Fisch, K.** 2023. Placental and maternal biofluid miRNA predictors of gestational age in pregnancy. Society for Reproductive Investigation 70th Annual Scientific Meeting, Brisbane, Australia. (*poster presentation*).

- **Fisch, K.**, Cheung, V., Ganguly, S., Dhar, D., Mestan, K., Parast, M., Sajti, E. 2023. Single-cell RNAseq reveals obesity-induced alterations at the feto-maternal immune interface. Society for Reproductive Investigation 70th Annual Scientific Meeting, Brisbane, Australia. (*poster presentation*).
- Lindsay S, Stanley V, Mason C, Flynn W, Jacobs M, Rodriguez-Soto A, Nasamran C, Courtois E, Sivajothi S, Rakow-Penner R, Robson P, Parast M, **Fisch K**, Laurent LC. “Whole transcriptome spatial profiling reveals the location of distinct cell subtypes and novel biomarkers in the human term placenta.” Oral presentation and poster. 2023. Annual meeting of the International Federation of Placenta Associations. Rotorua, New Zealand.
- Goemans, S., Pinson, K., Jacobs, M., Hoang, M., **Fisch, K.**, Longhurst, C., Tarsa, M., Gyamfi-Bannerman, C. 2023. The inequity of eclampsia in Southern California. The Society for Maternal-Fetal Medicine 2023 Annual Pregnancy Meeting, San Francisco, CA. (*poster presentation*).
- Garcia, Christopher, Leandro Velez, Chelsea Fox, Adam Mark, **Kathleen M Fisch**, Mark A Lawson, Antoni Duleba, Marcus M Seldin, and Dequina Nicholas. “FRI287 Pituitary Gene Signatures Link Chronic Systemic Inflammation To Female Reproductive Physiology.” *Journal of the Endocrine Society* 7, no. Supplement_1 (2023).

Invited Presentations

- **Fisch, K.** “Genomics of placental dysfunction.” November 28, 2023. UC San Diego Parast Laboratory Meeting, La Jolla, CA.
- **Fisch, K.**, Parast, M., Mestan, K. “Overview UC San Diego Center for Perinatal Discovery.” November 17, 2023. UC San Diego Center for Perinatal Discovery Retreat, La Jolla, CA.
- **Fisch, K.** “Personalized risk assessment of adverse patient outcomes using real-world clinicogenomics data.” November 13, 2023. Moores Cancer Center Annual Scientific Retreat, La Jolla, CA.
- **Fisch, K.** “Spatial Profiling of the Healthy Term Placenta to inform studies of fetal growth restriction.” June 24, 2023. UC San Diego Center for Perinatal Discovery Annual Symposium, La Jolla, CA.
- **Fisch, K.** “A Spatially-Resolved Multimodal Atlas of the Human Term Placenta.” April 12, 2023. University of Washington Obstetrics & Gynecology Grand Rounds, Seattle, WA (via zoom).

Honors and Awards

- Visiting Lecturer Program, Society for Reproductive Investigation

GYAMFI-BANNERMAN, Cynthia

Peer-Reviewed Research Publications

- Bruno A, Federspiel JJ, McGee P, Pacheco L, Saade G, Parry S, Longo M, Tita A, **Gyamfi-Bannerman C**, Chauhan S, Einerson BD, Rood K, Rouse DJ, Bailit J, Grobman WA, Simhan H. Validation of three models for prediction of blood transfusion during cesarean delivery admission. *Am J Perinatol*. 2023 Dec 22. doi: 10.1055/a-2234-8171. Epub ahead of print. PMID: 38134939.
- **Gyamfi-Bannerman C**, Marc-Aurele K, Mestan K. Bilateral Renal Agenesis-Interpreting the RAFT Trial. *JAMA*. 2023 Dec 5;330(21):2059-2060. doi: 10.1001/jama.2023.22747. PMID: 38051335.
- Kane VA, Andrikopoulou M, Bertozzi-Villa C, Mims J, Pinson K, **Gyamfi-Bannerman C**. Low-dose aspirin and racial disparities in spontaneous preterm delivery in low-risk individuals. *AJOG Glob Rep*. 2023 Oct 5;3(4):100273. doi: 10.1016/j.xagr.2023.100273. PMID: 38034022; PMCID: PMC10682009.
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- Canfield D, Gabby L, Vaziri Fard E, **Gyamfi-Bannerman C**. Cytomegalovirus in Pregnancy. *Obstet Gynecol Clin North Am*. 2023 Jun;50(2):263-277. doi: 10.1016/j.ogc.2023.02.002. PMID: 37149309.
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GA; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal–Fetal Medicine Units Network. Tranexamic Acid to Prevent Obstetrical Hemorrhage after Cesarean Delivery. *N Engl J Med*. 2023 Apr 13;388(15):1365-1375. doi: 10.1056/NEJMoa2207419. PMID: 37043652.

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- 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.* 2023 Jan;228(1):48-52. doi: 10.1016/j.ajog.2022.07.033. Epub 2022 Aug 22. PMID: 36008167.
- Madden N, Andrikopoulou M, Overton E, **Gyamfi-Bannerman C**. Latency Period after Preterm Premature Rupture of Membranes: Singletons versus Twins. *Am J Perinatol.* 2023 Jan;40(1):68-73. doi: 10.1055/s-0041-1727277. Epub 2021 Apr 20. PMID: 33878769.
- Hernandez, F., Chavez, H., Goemans, S., Kirakosyan, Y., Diaz Luevano, C., Canfield, D., Laurent, L., Jacobs, M., Woelkers, D., Tarsa, M., **Gyamfi-Bannerman, C.**, Fisch, K. "Aspirin resistance in pregnancy is associated with reduced interleukin-2 (IL-2) concentrations in maternal serum: Implications for aspirin prophylaxis for preeclampsia." *American Journal of Obstetrics & Gynecology MFM.* Submitted.

- Emeruwa UN, Azad H, Ona S, Bejerano S, Alnafisee S, Emont J, Mathew S, Batlle M, Arnold D, Ukoha EP, Laurent L, Jacobs M, Aubey JJ, Miller RS, **Gyamfi-Bannerman C**. Furosemide for the prevention of de novo postpartum hypertension: A randomized placebo-controlled trial. *American Journal of Obstetrics & Gynecology*. 2030. Under Review.

Review Articles and Book Chapters (Peer-reviewed)

- Canfield D, Gabby L, Vaziri Fard E, **Gyamfi-Bannerman C**. Cytomegalovirus in Pregnancy. *Obstet Gynecol Clin North Am*. 2023 Jun;50(2):263-277. doi: 10.1016/j.ogc.2023.02.002. PMID: 37149309.

Abstracts

- Fisch K, Diaz Luevano C, Canfield D, Goemans SL , Laurent LC, Jacobs M, Woelkers D, **Gyamfi-Bannerman C**. “Biomarkers of Low Dose Aspirin Clinical Resistance in Women at High Risk of Preeclampsia.”Poster. 2023. Annual meeting of the Society for Maternal Fetal Medicine. San Francisco, CA.
- Goemans SL, Pinson KA, Jacobs MB, Hoang M, Fisch KM, Longhurst CA, Tarsa M, **Gyamfi-Bannerman C**. The inequity of eclampsia in southern california. *Am J Obstet Gynecol* 2023;228(suppl1):S578-579.
- Gabby LC, Koenig JB, Canfield DR, Ballas J, **Gyamfi-Bannerman C**. Late preterm polyhydramnios and the risk of transient tachypnea of the newborn. *Am J Obstet Gynecol* 2023;228(suppl1):S171-171.
- **Gyamfi-Bannerman C**. Neurodevelopment outcomes after late preterm antenatal corticosteroids: the alps follow-up study. *Am J Obstet Gynecol* 2023;228(suppl1):S764-765.
- Emeruwa UN, Azad H, Ona S, Bejerano S, Alnafisee S, Emont J, Mathew S, Batlle M, Arnold D, Ukoha EP, Aubey J, D’Alton ME, Miller RS, **Gyamfi-Bannerman C**. Furosemide for the prevention of de novo postpartum hypertension: A randomized placebo-controlled trial. *Am J Obstet Gynecol* 2023;228(suppl1):S755.
- Fisch, K., Goemans, S., Hernandez, F., Diaz Luevano, C., Canfield, D., Horii, M., Laurent, L., Jacobs, M., Woelkers, D., **Gyamfi-Bannerman, C**. 2023. Low Dose Aspirin for Preeclampsia Prevention: Biomarkers of Aspirin Resistance. Society for Reproductive Investigation 70th Annual Scientific Meeting, Brisbane, Australia. (*poster presentation*).
- **Gyamfi-Bannerman, C**. 2023. Childhood pulmonary outcomes after late preterm antenatal corticosteroids: the alps follow up study. Society for Reproductive Investigation 70th Annual Scientific Meeting, Brisbane, Australia.
- Gabby, LC, Pinson, K, Lamale-Smith, L, **Gyamfi-Bannerman, C**. 2023. Oligohydramnios in late preterm gestation and the risk of neonatal respiratory morbidity. Society for Reproductive Investigation 70th Annual Scientific Meeting, Brisbane, Australia. (*poster presentation*).

Invited Presentations

- Invited Speaker, UCLA Borne International Collaborative Meeting, “Designing clinical trials using novel biologics for prevention of preterm labor”, Los Angeles, CA, November 4, 2023.
- Invited Speaker, 21st Annual Academic Day for Neonatologists, “Late Preterm Antenatal Steroids: Who, How, and Why?”, Anaheim, CA, November 1, 2023.
- Invited Panelist, World Woman Foundation, “Reimagine Women’s Health & Healthier Planet”, San Diego, CA, October 26, 2023.
- Invited Keynote Speaker, 17th Biennial Meeting of the Diabetes in Pregnancy Study Group of North America, “The Biostatistician Behind the Studies: Contribution of the MFMU Network in Changing Clinical Care in Diabetes”, Webinar: October 26, 2023.
- Invited Speaker and Panelist, At a Crossroads: The Dual Threat of Black Maternal Mortality & Chronic Disease, “Maternal Morbidity and Mortality: Working to Improve Outcomes in San Diego”, San Diego, CA, October 24, 2023.
- Invited Speaker, Dunlevie Maternal-Fetal Medicine Center Seminar Series, “Antenatal Corticosteroids for Late Preterm Pregnancies: History, Current Practice, and Long-term Outcome”, Webinar: September 14, 2023.
- Invited Speaker, National Medical Association, “Late Preterm Steroid Use”, New Orleans, LA, July 31 2023.
- Invited Speaker, UCSD OBGYN Grand Rounds, “Antenatal Corticosteroids for Late Preterm Pregnancies”, San Diego, CA, July 26 2023.
- Invited Keynote Speaker, University of New Mexico Annual Research Symposium, “Antenatal Corticosteroids for Late Term Pregnancies: History, Current Practice, and Long-term Outcomes”, Albuquerque, NM, June 23 2023.
- Invited Panelist, CUCOG Chairs Course, “Promoting Wellness in the OB/GYN Department”, Baltimore, MD, May 17 2023.
- Invited Speaker and Moderator, 41st Annual Residents Paper Day, “Antenatal corticosteroids for late preterm pregnancies: history, current practice, and long-term outcomes”, Irvine, CA, May 5 2023.
- Invited Panelist, 2023 UC San Diego Black Maternal Health Week, “Aftershock”, San Diego, CA, April 14, 2023.
- Invited Panelist, Black Maternal Health Week 2023, “Hope is not a plan: managing preeclampsia”, Webinar: April 11, 2023.
- Invited Panelist, SMFM Symposium 43rd Annual Pregnancy Meeting, panelist for “SMFM symposium: playing the long game: keeping research in MFM”, San Francisco, CA, February 7, 2023.
- Invited Speaker, 38th Annual Conference: Obstetrics, Gynecology, Perinatal Medicine, Neonatology, Multi-specialties, and the Law, “Antenatal corticosteroids: what is the standard of care?”, “Prevention of preterm birth: is

progesterone still the standard of care?”, and “COVID in pregnancy: pearls and pitfalls”, Phoenix, AZ, January 5-6, 2023.

Honors and Awards

- Inducted into the American Society for Clinical Investigation (ASCI) Medical Honor Society [April 2023]

HULL, Andrew

Invited Presentations

- Society for Maternal-Fetal Medicine Annual Meeting, San Francisco CA “Screening for and treating TAPS – routine MCA Dopplers for all?” February 6th 2023 ROLE: Speaker.

JACOBS, Marni

Peer-Reviewed Research Publications

- Aisagbonhi O, Bui T, Nasamran CA, St Louis H, Pizzo D, Meads M, Mulholland M, Magallanes C, Lamale-Smith L, Laurent LC, Morey R, **Jacobs MB**, Fisch KM, Horii M. “High placental expression of FLT1, LEP, PHYHIP and IL3RA - In persons of African ancestry with severe preeclampsia.” *Placenta*. 2023 Oct 20;144:13-22. doi: 10.1016/j.placenta.2023.10.008. PMID: 37949031.
- Sullender RT, **Jacobs MB**, Sandhu MS, Lacoursiere DY, Diaz Luevano C, Pickett CM, Agarwal SK. Perception and comfort with endometriosis management among OB/GYN residents. *International Journal of Women’s Health*. 2023; 15: 1801-1809. [PMID: 38020939; PMCID: 10675651].
- Aisagbonhi O, Bui T, Nasamran CA, St. Louis H, Pizzo D, Meads M, Mulholland M, Magallanes C, Lamale-Smith L, Laurent LC, Morey R, **Jacobs MB**, Fisch KM, Horii M. High placental expression of *FLT1*, *LEP*, *PHYHIP*, and *IL3RA* – In persons of African ancestry with severe preeclampsia. *Placenta*. Online ahead of print October 20, 2023. [PMID: 37949031].
- Brooks BA, Sinha P, Staffa SJ, **Jacobs MB**, Freishtat RJ, Patregnani JT. Children with single ventricle heart disease have a greater increase in sRAGE after cardiopulmonary bypass. *Perfusion*. Online ahead of print July 19, 2023. [PMID: 37465929].

- Lopez K, Morris S, Krishnan A, **Jacobs M**, Bhat A, Chelliah A, Chiu J, Cueno B, Freire G, Hornberger L, Howley L, Husain N, Ikemba C, Kavanaugh-McHugh A, Kutty S, Lee C, McBrien A, Michelfelder E, Pinto N, Schwartz R, Stern K, Taylor C, Thakur V, Tworetzky W, Wittlieb-Weber C, Woldu K, Donofrio M, Peyvandi S. Associations between maternal sociodemographics and hospital mortality in newborns with prenatally diagnosed hypoplastic left heart syndrome. *Circulation*. 2023; 148:283-285. (PMID: 37459407).
- **Jacobs MB**, Valentine HD, Adkins S, Magallanes C, Morgan SC, Pereira LM, Tekkotte C, Hakim A, De Hoff P, Laurent LC, Pantham P. Humoral immune response to SARS-CoV-2 in pregnant and nonpregnant women following infection. *AJOG Global Reports*. 2023; 3(2):100192. [PMID: 37113617; PMCID: 10010833].
- Zachek C, Mody S, Saddiqui N, Sandoval S, Bukowski K, **Jacobs M**, Averbach S. Exploring the impact of COVID-19 on gestational age at the time of abortion: An interrupted time series analysis among abortion patients in Southwest California. *American Journal of Obstetrics and Gynecology*. Online ahead of print February 3, 2023. [PMID: 36740033; PMCID: 9897869].
- Ghebrendrias S, Mody S, Washington S, Hussein B, Jama F, **Jacobs M**. A cervical cancer screening toolkit for Somali women: A pilot randomized controlled trial. *Journal of Immigrant and Minority Health*. Online ahead of print April 18, 2023. [PMID: 37071376].
- Horii M, To C, Morey R, **Jacobs MB**, Li Y, Nelson KK, Mead M, Siegel BA, Pizzo D, Adami R, Zhang-Rutledge K, Lamale-Smith LM, Laurent LC, Parast MM. Histopathologic and Transcriptomic Profiling Identifies Novel Trophoblast Defects in Patients with Preeclampsia and Maternal Vascular Malperfusion. *Modern Pathology*, 2023, 100035, ISSN 0893-3952, <https://doi.org/10.1016/j.modpat.2022.100035>.
- Pham D, Lomeli A, BS1, Goldhaber N, Valentine HD, Knight R, Longhurst CA, Laurent LC, **Jacobs M**. “Longitudinal Assessment of COVID-19 Infection Impact on Mask-Wearing Behaviors for Individuals Affiliated with the University of California, San Diego” Accepted in “Journal of Health and Social Behavior.” 2023.
- Goldhaber NH, **Jacobs MB**, Laurent LC, Knight R, Zhu W, Pham D, Tran A, Patel SP, Hogarth M, Longhurst CA. “Integrating clinical research into commercial EHR workflows to support a learning health system.” 2023. Accepted in “Journal of the American Medical Informatics Association.”
- Emeruwa UN, Azad H, Ona S, Bejerano S, Alnafisee S, Emont J, Mathew S, Batlle M, Arnold D, Ukoha EP, Laurent L, **Jacobs M**, Aubey JJ, Miller RS, Gyamfi-Bannerman C. Furosemide for the prevention of de novo postpartum hypertension: A randomized placebo-controlled trial. *American Journal of Obstetrics & Gynecology*. 2030. Under Review.
- Hernandez, F., Chavez, H., Goemans, S., Kirakosyan, Y., Diaz Luevano, C., Canfield, D., Laurent, L., **Jacobs, M.**, Woelkers, D., Tarsa, M., Gyamfi-Bannerman, C., Fisch, K. “Aspirin resistance in pregnancy is associated with reduced interleukin-2 (IL-2) concentrations in maternal serum: Implications for aspirin prophylaxis for preeclampsia.” *American Journal of Obstetrics & Gynecology* MFM. Submitted.

Abstracts

- Fisch K, Diaz Luevano C, Canfield D, Goemans SL, Laurent LC, **Jacobs M**, Woelkers D, Gyamfi-Bannerman C. “Biomarkers of Low Dose Aspirin Clinical Resistance in Women at High Risk of Preeclampsia.” Poster. 2023. Annual meeting of the Society for Maternal Fetal Medicine. San Francisco, CA.
- Goemans, S., Pinson, K., **Jacobs, M.**, Hoang, M., Fisch, K., Longhurst, C., Tarsa, M., Gyamfi-Bannerman, C. 2023. The inequity of eclampsia in Southern California. The Society for Maternal-Fetal Medicine 2023 Annual Pregnancy Meeting, San Francisco, CA. (*poster presentation*).
- Ngu P, **Jacobs M**, Corn C, Laurent LC, Bae J, Wolf R, Pinson K. “Race and socioeconomic status in preeclampsia risk, gestational age, and fetal growth.” Poster 2023. SMFM 43rd Annual Pregnancy Meeting. San Francisco, CA.
- Lindsay-Hewett S, Mason C, Stanley V, Courtois ET, Flynn WF, **Jacobs M**, Rodriguez-Soto A, Nasamran C, Sivajothi S, Rakow-Penner R, Robson P, Parast M, Laurent LC, Fisch KM.* A spatially-resolved multimodal atlas of the human term placenta. *2023 Society for Reproductive Investigation Annual Meeting*. March 21-25, 2023: Brisbane, QLD, Australia.
- Sullender R, Agarwal R, **Jacobs M**, Foster L, Agarwal S. IL-1 antagonist Anakinra for the treatment of endometriosis: A placebo controlled, randomizing pilot study. 2023 AAGL Global Congress. November 5-8, 2023: Nashville, TN.
- Sullender RT, **Jacobs MB**, Sandhu MS, LaCoursiere DY, Diaz Luevano C, Pickett CM, Agarwal SK. Room for improvement: OB/GYN residents’ training and comfort with endometriosis. 2023 AAGL Global Congress. November 5-8, 2023: Nashville, TN.
- Wauer C, Diaz Luevano C, Kung A, Hakim A, Meads M, Castro-Martinez A, Parast MP, Laurent LC, **Jacobs M**. ApoE ε2 carrier status is associated with increased HDL in pregnancy and decreased fetal growth. 2023 Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting. June 12-13, 2023: Portland, OR.
- Ngu PB, Bae J, Corn MC, Diaz Luevano C, Pinson KA, Wolf RB, Laurent LC, **Jacobs M**. Race and socioeconomic status in preeclampsia severity and fetal growth. 2023 Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting. June 12-13, 2023: Portland, OR.
- Younge, T, **Jacobs M**, Soghier L, Frantantoni K. Disparities in unmet medical needs after neonatal intensive care unit (NICU) discharge. Pediatric Academic Societies (PAS) 2023 Meeting. April 27-May 1, 2023: Washington, DC.
- Fisch K, Goemans SL, Hernandez F, Diaz Luevano C, Canfield D, Horii M, Laurent L, **Jacobs M**, Woelkers D, Gyamfi-Bannerman C. Low dose aspirin for preeclampsia prevention: biomarkers of aspirin resistance. 2023 Society for Reproductive Investigation Annual Meeting. March 21-25, 2023: Brisbane, QLD, Australia.

- Pantham P†, Mochizuki M, ElGhayati B, Wauer C, De Hoff P, Srinivasan S, Hakim A, Ostrander T, Santiago G, Melber DJ, **Jacobs MB**, Laurent LC. Transcriptomic Profiling of Urinary Extracellular miRNAs in Preeclampsia. *Placenta 2023 Sep: 140 E44-E44*. Poster presentation, International Federation of Placenta Associations Meeting 2022 Sep, Rotorua, New Zealand.
- Huang, M., Guo, N., Lindsay, S., Mason, C., Stanley, V., Flynn, B., **Jacobs, M.**, Rodriguez-Soto, A., Nasamran, C., Courtois, E., Rakow-Penner, R., Robson, P., Parast, M., Laurent, L., Fisch, K. 2023. Inherent placental mosaicism enables trophoblast lineage tracing. 2023 Sanford Stem Cell Institute Symposium, La Jolla, CA (*poster presentation*).
- Frequency of preeclampsia spectrum disorders by diabetes subgroup. Gabby, Lauryn C. ; **Jacobs, Marni B.** ; Zhang-Rutledge, Kathy ; Meads, Morgan ; Pham, Donna ; Liu, Tzu Ning ; Bucknum, Annamarie ; Smith, Leah Lamale ; Parast, Mana M. ; Laurent, Louise C. ; Ramos, Gladys A. Elsevier Inc. American journal of obstetrics and gynecology, 2023, Vol.228 (1), p.S518-S518.

Invited Presentations

- UCSD Center for Perinatal Discovery Monthly Seminar, January 4, 2023: “Intersecting maternal lipids, pregnancy outcomes, and placental development.”

KELLY, Thomas

Peer-Reviewed Research Publications

- Berman ZT, Boone CE, Melber DJ, Ballas J, Parikh R, Ramos G, **Kelly T**, McHale M, Picel AC, Roberts AC. Intra-operative multivessel embolization reduces blood loss and transfusion requirements compared to internal iliac artery balloon placement during cesarean hysterectomy for placenta accreta spectrum. *Journal of Vascular and Interventional Radiology* (2023). doi: <https://doi.org/10.1016/j.jvir.2023.07.024>.

Review Articles and Book Chapters (Peer-reviewed)

- Ballas J, **Kelly TF**. Maternal Medical Disorders of Fetal Significance. In Gleason CA, Juul SE (eds), *Avery's Diseases of the Newborn*. 11th Edition. Philadelphia, Elsevier, 2023; pp 82-98.

- **Kelly TF**, Savides T. Gastrointestinal Disorders in Pregnancy. In Lockwood CJ, Copel JA, Dugoff L, Louis J, Moore TR, Silver RM, Resnik R (eds), Maternal Fetal Medicine-Principles and Practice. 9th Edition. Philadelphia, Elsevier, 2023; pp 1241-56.
- **Kelly TF**, Savides T. Gastrointestinal Disorders in Pregnancy. In Lockwood CJ, Moore T, Copel J, Silver RM, Resnik R, Louis J, Dugoff L (eds), Creasy-Resnik's Study Guide for Maternal Fetal Medicine. 1st Edition. Philadelphia, Elsevier, 2023; pp 202-204.

LAMALE-SMITH, Leah

Peer-Reviewed Research Publications

- Horii M, To C, Morey R, Jacobs MB, Li Y, Nelson KK, Mead M, Siegel BA, Pizzo D, Adami R, Zhang-Rutledge K, **Lamale-Smith LM**, Laurent LC, Parast MM. Histopathologic and Transcriptomic Profiling Identifies Novel Trophoblast Defects in Patients with Preeclampsia and Maternal Vascular Malperfusion. Modern Pathology, 2023, 100035, ISSN 0893-3952, <https://doi.org/10.1016/j.modpat.2022.100035>.
- High placental expression of FLT1, LEP, PHYHIP and IL3RA – In persons of African ancestry with severe preeclampsia. Aisagbonhi, Omonigho ; Bui, Tony ; Nasamran, Chanond A. ; St. Louis, Hailee ; Pizzo, Donald ; Meads, Morgan ; Mulholland, Megan ; Magallanes, Celestine ; **Lamale-Smith, Leah** ; Laurent, Louise C. ; Morey, Robert ; Jacobs, Marni B. ; Fisch, Kathleen M. ; Horii, Mariko Netherlands: Elsevier Ltd. Placenta (Eastbourne), 2023, Vol.144, p.13-22.
- Discovery and verification of extracellular microRNA biomarkers for diagnostic and prognostic assessment of preeclampsia at triage. Morey, Robert ; Poling, Lara ; Srinivasan, Srimeenakshi ; Martinez-King, Carolina ; Anyikam, Adanna ; Zhang-Rutledge, Kathy ; To, Cuong ; Hakim, Abbas ; Mochizuki, Marina ; Verma, Kajal ; Mason, Antoinette ; Tran, Vy ; Meads, Morgan ; **Lamale-Smith, Leah** ; Roeder, Hilary ; Horii, Mariko ; Ramos, Gladys A ; DeHoff, Peter ; Parast, Mana M ; Pantham, Priyadarshini ; Laurent, Louise C United States: American Association for the Advancement of Science. Science advances, 2023, Vol.9 (51), p.eadg7545.

Review Articles and Book Chapters (Peer-reviewed)

- The Development of Normal Fetal External Genitalia Throughout Gestation. Pinson, Kelsey ; Melber, Dora J ; Nguyen, Ngoc-Hieu ; Montaney, Laura ; Basu, Reshmi ; Mims, Joseph ; Pretorius, Dolores ; **Lamale-Smith, Leah** Hoboken, USA: John Wiley & Sons, Inc Journal of ultrasound in medicine, 2023, Vol.42 (2), p.293-307.

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LAURENT, Louise

Peer-Reviewed Research Publications

- Aisagbonhi O, Bui T, Nasamran CA, St Louis H, Pizzo D, Meads M, Mulholland M, Magallanes C, Lamale-Smith L, **Laurent LC**, Morey R, Jacobs MB, Fisch KM, Horii M. “High placental expression of FLT1, LEP, PYHIP and IL3RA - In persons of African ancestry with severe preeclampsia.” *Placenta*. 2023 Oct 20;144:13-22. doi: 10.1016/j.placenta.2023.10.008. PMID: 37949031. Fielding-Miller R, Karthikeyan S, Gaines T, Garfein RS, Salido RA, Cantu VJ, Kohn L, Martin NK, Wynn A, Wijaya C, Flores M, Omaleki V, Majnoonian A, Gonzalez-Zuniga P, Nguyen M, Vo AV, Le T, Duong D, Hassani A, Tweeten S, Jepsen K, Henson B, Hakim A, Birmingham A, De Hoff P, Mark AM, Nasamran CA, Rosenthal SB, Moshiri N, Fisch KM, Humphrey G, Farmer S, Tubb HM, Valles T, Morris J, Kang J, Khaleghi B, Young C, Akel AD, Eilert S, Eno J, Curewitz K, **Laurent LC**, Rosing T, Knight R. 2023. “Wastewater and surface monitoring to detect COVID-19 in elementary school settings: The Safer at School Early Alert project. medRxiv [Preprint].” 2023 Jan 25:2021.10.19.21265226. doi: 10.1101/2021.10.19.21265226. Update in: *Lancet Reg Health Am*. 2023 Feb 20;19:100449. PMID: 34704096; PMCID: PMC8547528. *Supervision of development of data generation methods, supervision of data generation and analysis, editing of manuscript.*
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Review Articles and Book Chapters (Peer-reviewed)

- Sluka KA, Wager TD, Sutherland SP, Labosky PA, Balach T, Bayman EO, Berardi G, Brummett CM, Burns J, Buvanendran A, Caffo B, Calhoun VD, Clauw D, Chang A, Coffey CS, Dailey DL, Ecklund D, Fiehn O, Fisch KM, Frey Law LA, Harris RE, Harte SE, Howard TD, Jacobs J, Jacobs JM, Jepsen K, Johnston N, Langefeld CD, **Laurent LC**, Lenzi R, Lindquist MA, Lokshin A, Kahn A, McCarthy RJ, Olivier M, Porter L, Qian WJ, Sankar CA, Satterlee J, Swensen AC, Vance CGT, Waljee J, Wandner LD, Williams DA, Wixson RL, Zhou XJ; A2CPS Consortium. “Predicting chronic postsurgical pain: current evidence and a novel program to develop predictive biomarker signatures.” Pain. 2023 Sep 1;164(9):1912-1926. doi: 10.1097/j.pain.0000000000002938. PMID: 37326643.
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Abstracts

- Eckhardt C, Wu H, Bloomquist T, De Hoff P., Vokonas P., Sparrow D, **Laurent LC**, Schwartz J, Baccarelli A. 2023. Poster “Associations of cigarette smoking with plasma extracellular vesicle-encapsulated microRNA expression.” American Thoracic Society Meeting. Washington DC, USA.
- Stadnick NA, Burola M, Cain KL, Salgin L, Reyes BJ, Escoto AE, Lomeli A, Tinoco Calvillo S, Seifert M, **Laurent LC**, & Rabin BA. 2023. Poster “Multi-method approach to co-create implementation strategies for public health equity.” Annual Conference on the Science of Dissemination and Implementation in Health. Arlington, VA, USA.

- Hakim A, De Hoff P, Wauer C, Ostrander T, Castro-Martinez A, **Laurent LC**. Oral presentation and poster. 2023. “Developing an Automated High-Throughput RNA Isolation Pipeline for Extracellular RNAs from Various Biofluids for Small-RNA Sequencing”. Annual meeting of the American Association of Extracellular Vesicles. Boston, MA.
- Cheung W, Perucci L, De Hoff P and **Laurent LC**. Poster. 2023. “A Comparison of Immunoaffinity Purification Methods for the Isolation of Extracellular Vesicles by Western Blotting.” Annual meeting of the American Association of Extracellular Vesicles. Boston, MA.
- Chakraborty A, Nolan J and **Laurent LC**. “A unique and efficient method to measure basic characteristics of extracellular vesicle using vesicle flow cytometry.” Poster. 2023. Annual meeting of the American Association of Extracellular Vesicles. Boston, MA.
- Stadnick NA, Burola ML, Cain K, Salgin L, Reyes B, Escoto A, Lomeli A, Tinoco Calvillo S, Seifert M, **Laurent LC**, & Rabin BA. “Multi-Method Approach to Co-Create Implementation Strategies for Public Health Equity.” Poster. 2023. Annual Conference on the Science of Dissemination and Implementation in Health. Arlington, VA.
- Myers KR, Wu S, Hahn-Holbrook J, D’Anna Hernandez, **Laurent LC**, DeHoff P, Non A “Effect of different exosome isolation methods and milk storage conditions on miRNA in human milk.” Poster. Annual meeting of the Human Milk Banking Association of North America. Columbus, OH.
- Lindsay S, Stanley V, Mason C, Flynn W, Jacobs M, Rodriguez-Soto A, Nasamran C, Courtois E, Sivajothi S, Rakow-Penner R, Robson P, Parast M, Fisch K, **Laurent LC**. “Whole transcriptome spatial profiling reveals the location of distinct cell subtypes and novel biomarkers in the human term placenta.” Oral presentation and poster. 2023. Annual meeting of the International Federation of Placenta Associations. Rotorua, New Zealand.
- Lindsay-Hewett, S., Mason, C., Stanley, V., Courtois, E., Flynn, W., Jacobs, M., Rodriguez-Soto, A., Nasamran, C., Sivajothi, S., Rakow-Penner, R., Robson, P., Parast, M., **Laurent, L.**, Fisch, K. 2023. A spatially-resolved multimodal atlas of the human term placenta. Society for Reproductive Investigation 70th Annual Scientific Meeting, Brisbane, Australia. (*oral presentation*).
- Fisch K, Diaz Luevano C, Canfield D, Goemans SL , **Laurent LC**, Jacobs M, Woelkers D, Gyamfi-Bannerman C. “Biomarkers of Low Dose Aspirin Clinical Resistance in Women at High Risk of Preeclampsia.”Poster. 2023. Annual meeting of the Society for Maternal Fetal Medicine. San Francisco, CA.
- Gabby LC, Jacobs M, Zhang-Rutledge K, Meads M, Pham D, Bucknum A, Liu E, Lamale-Smith L, **Laurent LC**, Ramos G. “Frequency of preeclampsia spectrum disorders by diabetes subgroup.” Poster. 2023. Annual meeting of the Society for Maternal Fetal Medicine. San Francisco, CA.
- Ngu P, Jacobs M, Corn C, **Laurent LC**, Bae J, Wolf R, Pinson K. “Race and socioeconomic status in preeclampsia risk, gestional age, and fetal growth.” Poster 2023. SMFM 43rd Annual Pregnancy Meeting. San Fransico, CA.

- Ngu PB, Bae J, Corn MC, Diaz Luevano C, Pinson KA, Wolf RB, **Laurent LC**, Jacobs M. Race and socioeconomic status in preeclampsia severity and fetal growth. 2023 Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting. June 12-13, 2023: Portland, OR.
- Fisch K, Goemans SL, Hernandez F, Diaz Luevano C, Canfield D, Horii M, **Laurent LC**, Jacobs M, Woelkers D, Gyamfi-Bannerman C. “Low Dose Aspirin for Preeclampsia Prevention: Biomarkers of Aspirin Resistance.” Poster. 2023. Annual meeting of the Society for Reproductive Investigation. Brisbane, Australia.
- Pantham P[†], Mochizuki M, ElGhayati B, Wauer C, De Hoff P, Srinivasan S, Hakim A, Ostrander T, Santiago G, Melber DJ, Jacobs MB, **Laurent LC**. Transcriptomic Profiling of Urinary Extracellular miRNAs in Preeclampsia. *Placenta 2023 Sep: 140 E44-E44*. Poster presentation, International Federation of Placenta Associations Meeting 2022 Sep, Rotorua, New Zealand.
- Pantham P, De Hoff P, Srinivasan S, Nasamran C, Hakim A, Castro, Cortes G, Calambur A, Verma K, Anyikam A, Mason AM, Tran V, Meads M, Horii M, To C, Parast MM*, **Laurent LC***, Fisch K*. “Identification of Placental and Maternal Biofluid miRNA Predictors of Gestational Age in Healthy Pregnancies.” Poster. 2023. Annual meeting of the Society for Reproductive Investigation. Brisbane, Australia.
- Morey R, Poling L, Srinivasan S, Martinez-Gonzalez C, Anyikam A, Zhang-Rutledge K, Cuong T, Hakim A, Mochizuki M, Verma K, Mason A, Tran V, Meads M, Lamale-Smith L, Horii M, Ramos G, DeHoff P, Parast MM, Pantham P, **Laurent LC**. “Discovery and Verification of Extracellular microRNA Biomarkers for Diagnostic and Prognostic Assessment of Preeclampsia at Triage”. Poster. 2023. Annual meeting of the Society for Reproductive Investigation. Brisbane, Australia.
- Wauer C, Diaz Luevano C, Kung A, Hakim A, Meads M, Castro-Martinez A, Parast MP, **Laurent LC**, Jacobs M. ApoE ε2 carrier status is associated with increased HDL in pregnancy and decreased fetal growth. 2023 Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting. June 12-13, 2023: Portland, OR.
- Huang, M., Guo, N., Lindsay, S., Mason, C., Stanley, V., Flynn, B., Jacobs, M., Rodriguez-Soto, A., Nasamran, C., Courtois, E., Rakow-Penner, R., Robson, P., Parast, M., **Laurent, L.**, Fisch, K. 2023. Inherent placental mosaicism enables trophoblast lineage tracing. 2023 Sanford Stem Cell Institute Symposium, La Jolla, CA (*poster presentation*).

Invited Presentations

- **Laurent LC**. 2023. “Mapping the heterogeneity of extracellular vesicles and their cargo.” Annual meeting of the American Association of Extracellular Vesicles. Boston, MA.

LEWIS, Amanda

Peer-Reviewed Research Publications

- D Ha, S Ghebrendrias, A Meadows, DV LaCoursiere, **AL Lewis**, M Lawson, M Morales, C Gyamfi-Bannerman, L Brubaker. The Culture and Justice Quorum at University of California, San Diego: A Departmental Approach to Dismantling Structural Racism. Innovation Report in Acad Med. 2023 Aug 1;98(8):906-911. doi: 10.1097/ACM.0000000000005200. Epub 2023 Mar 1. PMID: 36862643.
- Minooei F, Gilbert NM, Zhang L, Sarah NeCamp M, Mahmoud MY, Kyser AJ, Tyo KM, Watson WH, Patwardhan R, Lewis WG, Frieboes HB, **Lewis AL***, Steinbach-Rankins JM*. “Rapid-dissolving electrospun nanofibers for intra-vaginal antibiotic or probiotic delivery”. Eur J Pharm Biopharm. 2023 Jul 19:S0939-6411(23)00181-9. doi: 10.1016/j.ejpb.2023.07.009. PMID: 37479065*Co-corresponding authors.
- Kyser AJ, Masigol M, Mahmoud MY, Ryan M, Lewis WG, **Lewis AL**, Frieboes HB, Steinbach-Rankins JM. “Fabrication and characterization of bioprints with Lactobacillus crispatus for vaginal application.” J Control Release. 2023 May;357:545-560. doi: 10.1016/j.jconrel.2023.04.023. Epub 2023 Apr 21. PMID: 37076014.
- Mahmoud MY, Wesley M, Kyser A, Lewis WG, **Lewis AL**, Steinbach-Rankins JM, Frieboes HB. “Lactobacillus crispatus-loaded electrospun fibers yield viable and metabolically active bacteria that kill Gardnerella in vitro.” Eur J Pharm Biopharm. 2023 Jun;187:68-75. doi: 10.1016/j.ejpb.2023.04.011. Epub 2023 Apr 20. PMID: 37086869.
- Herold SE, Kyser AJ, Orr MG, Mahmoud MY, Lewis WG, **Lewis AL**, Steinbach-Rankins JM, Frieboes HB. “Release Kinetics of Metronidazole from 3D Printed Silicone Scaffolds for Sustained Application to the Female Reproductive Tract.” Biomed Eng Adv. 2023 Jun;5:100078. doi: 10.1016/j.bea.2023.100078. Epub 2023 Feb 9. PMID: 37123989.
- AJ Kyser, MY Mahmoud, SE Herold, WG Lewis, **AL Lewis**, JM Steinbach-Rankins, HB Frieboes. “Formulation and characterization of pressure-assisted microsyringe 3D-printed scaffolds for controlled intravaginal antibiotic release.” International Journal of Pharmaceutics 641, 123054.
- K Agarwal, B Choudhury, LS Robinson, SR Morrill, Y Bouchibiti, D Chilin-Fuentes, SB Rosenthal, KM Fisch, JF Peipert, CB Lebrilla, JE Allsworth, **AL Lewis***, WG Lewis*. “Resident microbes shape the vaginal epithelial glycan landscape.” Science Translational Medicine 15 (724), eabp9599*Co-corresponding authors Initial Preprint: medRxiv 2022.02.23.22271417; doi: <https://doi.org/10.1101/2022.02.23.22271417>.
- T Kumar, M Bryant, K Cantrell, S Song, D McDonald, H Tubb, S Farmer, **A Lewis**, E Lukacz, L Brubaker, and R Knight. “Effects of Variation in Sample Storage Conditions and Swab Order on 16S Vaginal Microbiome Analyses.” Microbiology Spectrum Paper #03712-23, in press.

Review Articles and Book Chapters (Peer-reviewed)

- **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*, Volume 33, Issue 2, February 2023, Pages 99–103, <https://doi.org/10.1093/glycob/cwac072>.

LEWIS, Warren

Peer-Reviewed Research Publications

- Minooei F, Gilbert NM, Zhang L, Sarah NeCamp M, Mahmoud MY, Kyser AJ, Tyo KM, Watson WH, Patwardhan R, **Lewis WG**, Frieboes HB, AL Lewis *, Steinbach-Rankins JM*. “Rapid-dissolving electrospun nanofibers for intra-vaginal antibiotic or probiotic delivery”. *Eur J Pharm Biopharm*. 2023 Jul 19:S0939-6411(23)00181-9. doi: 10.1016/j.ejpb.2023.07.009. PMID: 37479065*Co-corresponding authors.
- Kyser AJ, Masigol M, Mahmoud MY, Ryan M, **Lewis WG**, Lewis AL, Frieboes HB, Steinbach-Rankins JM. “Fabrication and characterization of bioprints with *Lactobacillus crispatus* for vaginal application.” *J Control Release*. 2023 May;357:545-560. doi: 10.1016/j.jconrel.2023.04.023. Epub 2023 Apr 21. PMID: 37076014
- Mahmoud MY, Wesley M, Kyser A, **Lewis WG**, Lewis AL, Steinbach-Rankins JM, Frieboes HB. “*Lactobacillus crispatus*-loaded electrospun fibers yield viable and metabolically active bacteria that kill *Gardnerella* in vitro.” *Eur J Pharm Biopharm*. 2023 Jun;187:68-75. doi: 10.1016/j.ejpb.2023.04.011. Epub 2023 Apr 20. PMID: 37086869.
- Herold SE, Kyser AJ, Orr MG, Mahmoud MY, **Lewis WG**, Lewis AL, Steinbach-Rankins JM, Frieboes HB. “Release Kinetics of Metronidazole from 3D Printed Silicone Scaffolds for Sustained Application to the Female Reproductive Tract.” *Biomed Eng Adv*. 2023 Jun;5:100078. doi: 10.1016/j.bea.2023.100078. Epub 2023 Feb 9. PMID: 37123989.
- AJ Kyser, MY Mahmoud, SE Herold, **WG Lewis**, AL Lewis, JM Steinbach-Rankins, HB Frieboes. “Formulation and characterization of pressure-assisted microsyringe 3D-printed scaffolds for controlled intravaginal antibiotic release.” *International Journal of Pharmaceutics* 641, 123054.
- K Agarwal, B Choudhury, LS Robinson, SR Morrill, Y Bouchibiti, D Chilin-Fuentes, SB Rosenthal, KM Fisch, JF Peipert, CB Lebrilla, JE Allsworth, AL Lewis*, **WG Lewis***. “Resident microbes shape the vaginal epithelial glycan landscape.” *Science Translational Medicine* 15 (724), eabp9599*Co-corresponding authors Initial Preprint: medRxiv 2022.02.23.22271417; doi: <https://doi.org/10.1101/2022.02.23.22271417>.

MOORE, Thomas

Review Articles and Book Chapters (Peer-reviewed)

- Kelly TF, Savides T. Gastrointestinal Disorders in Pregnancy. In Lockwood CJ, Copel JA, Dugoff L, Louis J, **Moore TR**, Silver RM, Resnik R (eds), *Maternal Fetal Medicine-Principles and Practice*. 9th Edition. Philadelphia, Elsevier, 2023; pp 1241-56.
- Kelly TF, Savides T. Gastrointestinal Disorders in Pregnancy. In Lockwood CJ, **Moore T**, Copel J, Silver RM, Resnik R, Louis J, Dugoff L (eds), *Creasy-Resnik's Study Guide for Maternal Fetal Medicine*. 1st Edition. Philadelphia, Elsevier, 2023; pp 202-204.

Invited Presentations

- Panelist for a live in-person conversation about the Hillcrest Medical Campus Redevelopment. September 9, 2023. UCSD Ong Auditorium, San Diego, CA.
 - Advisor for Hillcrest Enhancement and Community Engagement

Honors and Awards

- Castle Connolly America's Top Doctors

PANTHAM, Priya

Peer-Reviewed Research Publications

- Jacobs MB, Valentine HD, Adkins S, Magallenes C, Morgan SC, Pereira LM, Tekkotte C, Hakim A, De Hoff P, Laurent LC, **Pantham P**. Humoral immune response to SARS-CoV-2 in pregnant and non-pregnant women following infection. *AJOG Global Reports* 2023 Mar 14: 100192.
- Morey R, Poling L, Srinivasan S, Martinez-King C, Anyikam A, Zhang-Rutledge K, To C, Hakim A, Mochizuki M, Verma K, Mason A, Tran V, Meads M, Lamale-Smith L, Horii M, Ramos GA, De Hoff P, Parast MP, **Pantham P**, Laurent LC. Discovery and Verification of Extracellular microRNA Biomarkers for Diagnostic and Prognostic Assessment of Preeclampsia at Triage. *Science Advances (Accepted, Nov 2023)*. Available at: <https://doi.org/10.1101/2023.01.26.23285072>

- Silva E, Ferchaud-Rocher V, Kramer A, Madi L, **Pantham P**, Chassen S, Jasson T, Powell TL. Oleic acid stimulation of amino acid uptake in primary human trophoblast cells is mediated by phosphatidic acid and mTOR signaling. *FASEB BioAdvances (Accepted, Nov 2023)*. Available at: DOI: 10.1096/fba.2023-00113.

Abstracts

- **Pantham P**[†], Mochizuki M, ElGhayati B, Wauer C, De Hoff P, Srinivasan S, Hakim A, Ostrander T, Santiago G, Melber DJ, Jacobs MB, Laurent LC. Transcriptomic Profiling of Urinary Extracellular miRNAs in Preeclampsia. *Placenta 2023 Sep: 140 E44-E44*. Poster presentation, International Federation of Placenta Associations Meeting 2022 Sep, Rotorua, New Zealand.
- Chatterjee E, Wauer C, Nguyen A, Li M, ElGhayati B, Hakim A, Ostrander R, De Hoff P, Prabhleen S, Das S, **Pantham P**[†]. Modeling Placental-Renal Interactions in Preeclampsia using a 3D Microphysiological Cell Culture System. *Placenta 2023 Sep: 140 E8-E8*. Oral presentation, International Federation of Placenta Associations Meeting 2022 Sep, Rotorua, New Zealand.

Invited Presentations

- “Modeling Placental-Renal Interactions in Preeclampsia using a 3D Microphysiological Cell Culture System”. Invited Workshop: Beyond 2D - Novel Culture Approaches to Improve the Way the Study the Placenta, International Federation of Placenta Associations Meeting 2023 Sep, Rotorua, New Zealand.

RAMOS, Gladys

Peer-Reviewed Research Publications

- Delker E, **Ramos GA**, Bandoli G, LaCoursiere DY, Ferran K, Gallo LC, Oren E, Gahagan S, Allison M. Associations Between Preconception Glycemia and Preterm Birth: The Potential Role of Health Care Access and Utilization. *J Womens Health (Larchmt)*. 2023 Mar;32(3):274-282. doi: 10.1089/jwh.2022.0256. Epub 2023 Feb 16. PMID: 36796052; PMCID: PMC9993162.
- Berman ZT, Boone CE, Melber DJ, Ballas J, Parikh R, **Ramos G**, Kelly T, McHale M, Picel AC, Roberts AC. Intraoperative Multivessel Embolization Reduces Blood Loss and Transfusion Requirements Compared to Internal Iliac Artery Balloon Placement during Cesarean Hysterectomy for Placenta Accreta Spectrum. *J Vasc Interv Radiol*. 2023 Nov;34(11):1915-1921. doi: 10.1016/j.jvir.2023.07.024. Epub 2023 Jul 30. PMID: 37527770.

- Morey R, Poling L, Srinivasan S, Martinez-King C, Anyikam A, Zhang-Rutledge K, To C, Hakim A, Mochizuki M, Verma K, Mason A, Tran V, Meads M, Lamale-Smith L, Horii M, **Ramos GA**, De Hoff P, Parast MP, Pantham P, Laurent LC. Discovery and Verification of Extracellular microRNA Biomarkers for Diagnostic and Prognostic Assessment of Preeclampsia at Triage. *Science Advances (Accepted, Nov 2023)*. Available at: <https://doi.org/10.1101/2023.01.26.23285072>
- Boggess KA, Valint A, Refuerzo JS, Zork N, Battarbee AN, Eichelberger K, **Ramos GA**, Olson G, Durnwald C, Landon MB, Aagaard KM, Wallace K, Scifres C, Rosen T, Mulla W, Valent A, Longo S, Young L, Marquis MA, Thomas S, Britt A, Berry D. Metformin Plus Insulin for Preexisting Diabetes or Gestational Diabetes in Early Pregnancy: The MOMPOD Randomized Clinical Trial. *JAMA*. 2023 Dec 12;330(22):2182-2190. doi: 10.1001/jama.2023.22949. PMID: 38085312; PMCID: PMC10716718.

Review Articles and Book Chapters (Peer-reviewed)

- Karunaratne M, Melber DJ, Su HI, **Ramos GA**. Dicavitary twin pregnancy in patient with bicornuate bicollis uterine anomaly. *Clin Case Rep*. 2023 Jun 7;11(6):e7440. doi: 10.1002/ccr3.7440. PMID: 37305878; PMCID: PMC10248201.

Abstracts

- Boggess KA, Valint A, Refuerzo JS, Zork N, Battarbee AN, Eichelberger K, **Ramos GA**, Olson G, Durnwald C, Landon MB, Aagaard KM, Wallace K, Scifres C, Rosen T, Mulla W, Valent A, Longo S, Young L, Marquis MA, Thomas S, Britt A, Berry D. Type 2 diabetes in pregnancy: effect of metformin added to insulin on neonatal outcome. *Am J Obstet Gynecol* VOLUME 228, ISSUE 1, SUPPLEMENT 2023, S768, JANUARY 2023.
- Lauryn C. Gabby, Marni B. Jacobs, Kathy Zhang-Rutledge, Morgan Meads, Donna Pham, Tzu Ning Liu, Annamarie Bucknum, Leah Lamale Smith, Mana M. Parast, Louise C. Laurent, **Gladys A. Ramos** Frequency of preeclampsia spectrum disorders by diabetes subgroup. *Am J Obstet Gynecol* VOLUME 228, ISSUE 1, SUPPLEMENT 2023, S768, JANUARY 2023.
- Kelsey A. Pinson, Joseph R. Mims Jr., Lauryn C. Gabby, Jerasimos Ballas, **Gladys A. Ramos**. . In vitro fertilization vs. spontaneous conception and risk of hypertensive disease in twin pregnancies. *Am J Obstet Gynecol* VOLUME 228, ISSUE 1, SUPPLEMENT 2023, S768, JANUARY 2023.
- Lauryn C. Gabby, Emily Kobayashi2 Rebecca Bialostozky, Amit Majithia, **Gladys A. Ramos**. Computerized insulin protocol for intrapartum and postpartum glucose management in gravidas with type 1 diabetes. *Am J Obstet Gynecol* VOLUME 228, ISSUE 1, SUPPLEMENT 2023, S768, JANUARY 2023.

- Nasim C. Sobhani, Sophie L. Goemans, Antoinette Nguyen, Michael Richley, Lauryn Gabby, Christina S. Han, **Gladys A. Ramos** Perinatal outcomes and time-in range on continuous glucose monitoring for type 1 diabetes. Am J Obstet Gynecol VOLUME 228, ISSUE 1, SUPPLEMENT 2023, S768, JANUARY 2023.
- Pinson KA, Mims JR, Ballas J, Pettit KE, **Ramos GA**. Maternal race/ethnicity and mode of delivery in twin gestations. ACOG Annual Clinical & Scientific Meeting 2023. Baltimore, MD.

Invited Presentations

- Diabetes in Pregnancy. UCSD Endocrinology Grand Rounds, May 2023.
- District IX Global Health Rounds Webinar. Management of intrauterine growth restriction in patients with intra-amniotic infection. June, 2023.

Honors and Awards

- Homer Chin Teaching Award

TARSA, Maryam

Peer-Reviewed Research Publications

- Afshan B. Hameed, Maryam Tarsa, Cornelia R. Graves, Jenny Chang, Manija Billah, Tamera Hatfield, Heike Thiel de Bocanegra, Cardiovascular Risk Assessment as a Quality Measure in the Pregnancy and Postpartum Period, JACC: Advances, Volume 2, Issue 1, 2023, 100176, ISSN 2772-963X, <https://doi.org/10.1016/j.jacadv.2022.100176>
- Hernandez, F., Chavez, H., Goemans, S., Kirakosyan, Y., Diaz Luevano, C., Canfield, D., Laurent, L., Jacobs, M., Woelkers, D., **Tarsa, M.**, Gyamfi-Bannerman, C., Fisch, K. "Aspirin resistance in pregnancy is associated with reduced interleukin-2 (IL-2) concentrations in maternal serum: Implications for aspirin prophylaxis for preeclampsia." American Journal of Obstetrics & Gynecology MFM. Submitted.

Abstracts

- Goemans, S. L., Pinson, K. A., Jacobs, M. B., Hoang, M., Fisch, K. M., Longhurst, C. A., **Tarsa, M.**, Gyamfi-Bannerman, C. (2023). The inequity of Eclampsia in Southern California. *American Journal of Obstetrics and Gynecology*, 228(1). <https://doi.org/10.1016/j.ajog.2022.11.981>.

Honors and Awards

- San Diego's Top Doctors: 2023

TEAL, Nicole

Peer-Reviewed Research Publications

- **Teal EN**, Baer RJ, Mengesha B. Racial disparities in the rates of and indications for cesarean delivery: Do hospital type, setting, and volume matter? Accepted to the *American Journal of Perinatology* September 2023.
- Shao S, **Teal EN**, Lewkowitz AK, Gaw SL, Sobhani NC. Validated Calculators Predicting Cesarean Delivery After Induction: Accruing in an Extrenal Population. *Obstet Gynecol*. 2023 Jul 1;142(1):99-107. Doi 10.1097/AOG.0000000000005234.Epub 2023 Jun 7. PMID: 37290103.

Abstracts

- **Teal EN** for the Eunice Kennedy Shriver Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network. Racial/ethnic differences in low-dose aspirin use for preeclampsia risk reduction. Abstract presented at SMFM's 43rd Annual Pregnancy Meeting (February 2023), San Francisco, CA.
- **Teal EN**, Farahi N, Rogers PL, Healy J, Westgard CM, Harper KD, Moretto R, Oluyadi FO, Menard KM. Implementation of a patient safety bundle for pregnancy-related severe hypertension in the outpatient setting. Abstract presented at SMFM's 43rd Annual Pregnancy Meeting (February 2023), San Francisco, CA.

Invited Presentations

- Inova Fairfax Hospital. Department of Obstetrics and Gynecology. Grand Rounds. "Updates in Management of Chronic Hypertension in Pregnancy." Fairfax, VA. November 27, 2023.

Honors and Awards

- Fellow Excellence in Teaching Award, UNC OB/GYN Residency

WOELKERS, Douglas

Peer-Reviewed Research Publications

- N Docheva, **D Woelkers**, W Yao , Y Jin , J Espinoza , L Kunz , C Amegashie , M Gencay , J Harris , S Rana . Racial differences in healthcare utilization among patients with suspected or diagnosed preeclampsia: A retrospective cohort study. *Pregnancy Hypertens.* 2023 Sep;33:8-16. doi: 10.1016/j.preghy.2023.05.001. Epub 2023 May 26. PMID: 37245376.
- Hernandez, F., Chavez, H., Goemans, S., Kirakosyan, Y., Diaz Luevano, C., Canfield, D., Laurent, L., Jacobs, M., **Woelkers, D.**, Tarsa, M., Gyamfi-Bannerman, C., Fisch, K. “Aspirin resistance in pregnancy is associated with reduced interleukin-2 (IL-2) concentrations in maternal serum: Implications for aspirin prophylaxis for preeclampsia.” *American Journal of Obstetrics & Gynecology MFM.* Submitted.

Abstracts

- Fisch K, Diaz Luevano C, Canfield D, Goemans SL , Laurent LC, Jacobs M, **Woelkers D**, Gyamfi-Bannerman C. “Biomarkers of Low Dose Aspirin Clinical Resistance in Women at High Risk of Preeclampsia.”Poster. 2023. Annual meeting of the Society for Maternal Fetal Medicine. San Francisco, CA.
- Fisch, K., Goemans, S., Hernandez, F., Diaz Luevano, C., Canfield, D., Horii, M., Laurent, L., Jacobs, M., **Woelkers, D.**, Gyamfi-Bannerman, C. 2023. Low Dose Aspirin for Preeclampsia Prevention: Biomarkers of Aspirin Resistance. Society for Reproductive Investigation 70th Annual Scientific Meeting, Brisbane, Australia. (*poster presentation*).

WOLF, Richard

Review Articles and Book Chapters (Peer-reviewed)

- Zachek, C. M., Osuoji, O., Qendro, I., Aisagbonhi, O., **Wolf, R.**, Hinds, B., Harvey, S. A. (2023). Complex cutaneous leishmaniasis in pregnancy. *Am J Obstet Gynecol*, 229, 337-339.

- **Wolf, R. B.**, Abdominal imaging. In R. Resnik, C. J. Lockwood, T. R. Moore, Michael F. Greene, Joshua A. Copel, and Robert M. Silver (Eds), *Creasy & Resnik's Maternal-Fetal Medicine*, 9th Ed. Philadelphia, Elsevier, 2023.
- **Wolf, R. B.**, Urogenital imaging. In R. Resnik, C. J. Lockwood, T. R. Moore, Michael F. Greene, Joshua A. Copel, and Robert M. Silver (Eds), *Creasy & Resnik's Maternal-Fetal Medicine*, 9th Ed. Philadelphia, Elsevier, 2023.
- **Wolf, R. B.**, Skeletal imaging. In R. Resnik, C. J. Lockwood, T. R. Moore, Michael F. Greene, Joshua A. Copel, and Robert M. Silver (Eds), *Creasy & Resnik's Maternal-Fetal Medicine*, 9th Ed. Philadelphia, Elsevier, 2023.
- **Wolf, R. B.**, Fetal abdominal imaging. In C. J. Lockwood, J. A. Copel, L. Dugoff, J. Louis, T. R. Moore, R. M. Silver, and R. Resnik, (Eds), *Study Guide for Creasy & Resnik's Maternal-Fetal Medicine*, Philadelphia, Elsevier, 2023.
- **Wolf, R. B.**, Fetal urogenital imaging. In C. J. Lockwood, J. A. Copel, L. Dugoff, J. Louis, T. R. Moore, R. M. Silver, and R. Resnik, (Eds), *Study Guide for Creasy & Resnik's Maternal-Fetal Medicine*, Philadelphia, Elsevier, 2023.
- **Wolf, R. B.**, Fetal skeletal imaging. In C. J. Lockwood, J. A. Copel, L. Dugoff, J. Louis, T. R. Moore, R. M. Silver, and R. Resnik, (Eds), *Study Guide for Creasy & Resnik's Maternal-Fetal Medicine*, Philadelphia, Elsevier, 2023.

Abstracts

- Ngu P, Jacobs M, Corn C, Laurent LC, Bae J, **Wolf R**, Pinson K. "Race and socioeconomic status in preeclampsia risk, gestational age, and fetal growth." Poster 2023. SMFM 43rd Annual Pregnancy Meeting. San Francisco, CA.
- Ngu PB, Bae J, Corn MC, Diaz Luevano C, Pinson KA, **Wolf RB**, Laurent LC, Jacobs M. Race and socioeconomic status in preeclampsia severity and fetal growth. 2023 Society for Pediatric and Perinatal Epidemiologic Research Annual Meeting. June 12-13, 2023: Portland, OR.

REPRODUCTIVE ENDOCRINOLOGY AND INFERTILITY

Scholarly work involved multiple members of this division:

Abstracts

- Garcia, Christopher, Leandro Velez, Chelsea Fox, Adam Mark, Kathleen M Fisch, **Mark A Lawson, Antoni Duleba**, Marcus M Seldin, and Dequina Nicholas. “FRI287 Pituitary Gene Signatures Link Chronic Systemic Inflammation To Female Reproductive Physiology.” *Journal of the Endocrine Society* 7, no. Supplement_1 (2023).
- Chen, A., Shah, R.S., Nguyen, A., Brown, J., Tam, I., Sau, L., Kreisman, M.J., McCosh, R.B., **Breen, K.M.**, and **Thackray, V.G.** (2023) Investigating Long-Term Effects of Antibiotic Treatment During Puberty In Male and Female Mice. *UC San Diego School of Medicine Summer Research Symposium and Poster Presentation*, La Jolla, CA.

AGARWAL, Sanjay

Peer-Reviewed Research Publications

- Hunsche E, Gauthier M, Witherspoon B, Rakov V, **Agarwal SK**. Endometriosis Symptoms and Their Impacts on the Daily Lives of US Women: Results from an Interview Study. *Int J Womens Health*. 2023 Jun 1;15:893-904. doi: 10.2147/IJWH.S409733. PMID: 37283994; PMCID: PMC10241351.
- Pickett C, Foster WG, **Agarwal S**. Current endometriosis care and opportunities for improvement. *Reprod Fertil*. 2023 Jul 1;4(3):e220091. doi: 10.1530/RAF-22-0091. Epub ahead of print. PMID: 37402150; PMCID: PMC10448566.
- **Agarwal SK**, Stokes M, Kung T, Tilney R, Lickert C. Describing the Patient Journey of Women with Claims for Uterine Fibroids and Heavy Menstrual Bleeding Using a Commercial Database (2011-2020). *Int J Womens Health*. 2023 Oct 16;15:1561-1575. doi: 10.2147/IJWH.S420612. PMID: 37867928; PMCID: PMC10588720.
- Sullender RT, Jacobs MB, Sandhu MS, Lacoursiere DY, Diaz Luevano C, Pickett CM, **Agarwal SK**. Perception and Comfort with Endometriosis Management Among OB/GYN Residents. *Int J Womens Health*. 2023 Nov 20;15:1801-1809. doi: 10.2147/IJWH.S424554. PMID: 38020939; PMCID: PMC10675651.
- **SK Agarwal**, B Choudhury, LS Robinson, SR Morrill, Y Bouchibiti, D Chilin-Fuentes, SB Rosenthal, KM Fisch, JF Peipert, CB Lebrilla, JE Allsworth, AL Lewis*, WG Lewis*. “Resident microbes shape the vaginal epithelial glycan landscape.” *Science Translational Medicine* 15 (724), eabp9599*Co-corresponding authors Initial Preprint: medRxiv 2022.02.23.22271417; doi: <https://doi.org/10.1101/2022.02.23.22271417>.

Invited Presentations

- Expert witness for Senate Bill 324 (prohibits health plans and insurance policies issues, amended, or renewed on or after January 1, 2024, from requiring prior authorization or other utilization review for any clinically indicated treatment for endometriosis) at Health Committee Hearing. April 12, 2023. Sacramento, CA.
- Invited speaker. ERM lectures: “Fertilization, implantation and ART,” and “Ovarian Senescence, menopause and HRT.” April 13, 2023. UCSD HSEC Auditorium in the Basement of the Skaggs Pharmaceutical Sciences Building.
- Invited speaker. ACOG Symposia presentation, “Shared Decision-making in Endometriosis: A Patient and Provider Share Their Recipes for Success.” May 19, 2023. Virtual.
- Invited speaker. “Targeting Shortfalls in Endometriosis Care.” UCSD OG+RS Annual Department Retreat. September 6, 2023. UCSD Faculty Club, La Jolla, CA.

BREEN, Kellie

Peer-Reviewed Research Publications

- Natale BV, Kotadia R, Gustin K, Harihara A, Min S, Kreisman MJ, **Breen KM**, Natale DRC. Extracellular matrix influences gene expression and differentiation of mouse trophoblast stem cells. *Stem Cells and Development*. 2023 Jul 18. doi: 10.1089/scd.2022.0290. PMID: 37463089.
- Carrasco RC & **Breen KM**. Allostasis in neuroendocrine systems controlling reproduction. *Endocrinology*. 164(10):bqab125, 2023. PMC10461221.

Abstracts

- Jang J, Kreisman MJ, **Breen KM**. Comparison of Psychosocial and Immune/inflammatory Stress on Luteinizing Hormone Pulsatile Secretion. Program of the 105th Annual Meeting of the Endocrine Society, Chicago, Illinois. June 2023.
- McCosh RB, Kreisman MJ, Jang J, Jung J, **Breen KM**. Evidence that Corticotropin-releasing Hormone Receptor 2 Activation Mediates Stress-induced Hyperglycemia. Program of the 105th Annual Meeting of the Endocrine Society, fChicago, Illinois. June 2023.
- Chen, A., Shah, R.S., Nguyen, A., Brown, J., Tam, I., Sau, L., Kreisman, M.J., McCosh, R.B., **Breen, K.M.**, and Thackray, V.G. (2023) Investigating Long-Term Effects of Antibiotic Treatment During Puberty In Male

and Female Mice. *UC San Diego School of Medicine Summer Research Symposium and Poster Presentation*, La Jolla, CA.

Invited Presentations

- “Regulation of reproduction during stress by a brainstem-hypothalamic neural pathway”
University of Illinois at Urbana-Champaign, April 13, 2023
- “Mapping stress-activated neural circuits controlling hormones and behavior”
UC Riverside, May 24, 2023
- “Mapping stress-activated neural circuits controlling reproduction”
Anita Payne Lecture, 27th Annual Reproductive Sciences Program/OBGYN Research Forum
University of Michigan, June 9, 2023
- “Mapping stress-activated neural circuits controlling reproduction”
UC San Diego, OB/GYN&RS Research Retreat, September 6, 2023

Honors and Awards

- Treasurer-elect, International Neuroendocrine Federation (INF)
- Anita Payne Lectureship, University of Michigan

COOK-ANDERSEN, Heidi

Peer-Reviewed Research Publications

- Chousal JN#, Srinivasan S, Lee K#, Cho K#, Zhang W, Yeo AL, Garzo G, Parast M, Laurent L and **Cook-Andersen H**‡. Molecular profiling of human blastocysts reveals primitive endoderm defects among embryos of reduced implantation potential. *bioRxiv*, 10.1101/2023.05.09.539763. *Cell Reports*, in press. #Mentees; ‡Corresponding author. Role: I conceived of this project, supervised all experiments and analyses, and wrote the manuscript with my graduate student.
- 20. Lee K#, Cho K#, Morey R# and **Cook-Andersen H**‡. An extended wave of global mRNA deadenylation sets up a switch in translation regulation across the mammalian oocyte-to-embryo transition. *bioRxiv*, 10.1101/2023.03.21.533564. *Cell Reports*, in press. #Mentees; ‡Corresponding author. Role: I conceived of this project, supervised all experiments and analyses, and wrote the manuscript with my graduate student.

Invited Presentations

- **Cook-Andersen H.** Invited speaker. “First challenges: Molecular mechanisms driving critical transitions in early embryo development.” Oregon National Primate Research Center, Portland, Oregon. 2023 Cook-Andersen H. Invited speaker. “First challenges: Gene regulatory mechanisms driving critical transitions from oocyte to embryo in mammals.” University of California, Riverside, Riverside, California.

DULEBA, Antoni

Abstracts

- Garcia, Christopher, Leandro Velez, Chelsea Fox, Adam Mark, Kathleen M Fisch, Mark A Lawson, **Antoni Duleba**, Marcus M Seldin, and Dequina Nicholas. “FRI287 Pituitary Gene Signatures Link Chronic Systemic Inflammation To Female Reproductive Physiology.” *Journal of the Endocrine Society* 7, no. Supplement_1 (2023).

Invited Presentations

- Invited speaker. “Minimal and Mild Stimulation for Poor Responders: The Role of Clomiphene Citrate” and “Embryo Transfer: Fresh or Frozen?” (also, Panelist – Questions and Answers: The Future of COH). 34th Annual In Vitro-Fertilization and Embryo Transfer Conference. July 30-August 2, 2023. Coronado, CA.

KAUFFMAN, Sasha

Peer-Reviewed Research Publications

- KM Hatcher, L Costanza, **AS Kauffman**, and SBZ Stephens. The molecular phenotype of kisspeptin neurons in the medial amygdala of female mice. *Frontiers in Endocrinology*, 14: 1093592. 2023. [PMCID: PMC9951589].
- 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*, 163(12): bqac175. 2022. [PMCID: PMC10233252].
 - *Commentary in:* A.M. Moore, *Endocrinology*, 164(3) bqad005, 2023.

Invited Presentations

- Center for Neuroendocrinology, University of Otago, New Zealand, Nov 2023
Neuroendocrine alterations in PCOS-like conditions: insights from a mouse model of PCOS.
- UCLA Dept of Neurobiology, Research Symposium on Steroid Actions in Reproduction. May 2023
Steroid effects on reproductive neuroendocrine circuits: insights from mouse models.

LAWSON, Mark

Peer-Reviewed Research Publications

- Ha D, Ghebrendrias S, Meadows A, LaCoursiere DY, Lewis A, **Lawson M**, Morales M, Gyamfi-Bannerman C, Brubaker L. The Culture and Justice Quorum at University of California, San Diego: A Departmental Approach to Dismantling Structural Racism. *Acad Med.* 2023 Mar 1:e005200. doi: 10.1097/ACM.0000000000005200. Epub ahead of print. PMID: 36862643.

Abstracts

- Garcia, Christopher, Leandro Velez, Chelsea Fox, Adam Mark, Kathleen M Fisch, **Mark A Lawson**, Antoni Duleba, Marcus M Seldin, and Dequina Nicholas. “FRI287 Pituitary Gene Signatures Link Chronic Systemic Inflammation To Female Reproductive Physiology.” *Journal of the Endocrine Society* 7, no. Supplement_1 (2023).
- Terasaka, Tomohiro, Takahiro Miyazaki, Mone Arichi, Satoshi Fujisawa Dr, Kenichi Inagaki, **Mark Lawson**, and Jun Wada. “PMON56 LH Synthesis Is Regulated by RNA-Binding Protein ZFP36 Bound with AU-Rich Elements in Gonadotropes.” *Journal of the Endocrine Society* 6, no. Suppl 1 (2022): A556–A557.
- aPC/PAR1 confers endothelial anti-apoptotic activity via a discrete β -arrestin-2 mediated SphK1-S1PR1-Akt signaling axis. Lennis B. Orduna-Castillo, Olivia Molinar-Inglis, Dequina Nicholas, Metztli Cisneros-Aguirre, Anand Patwardhan, Neil Grimsey, **Mark A. Lawson**, Hemal Patel, JoAnn Trejo. 13 May 2022
<https://doi.org/10.1096/fasebj.2022.36.S1.R4168>

Invited Presentations

- The Supreme Court decision on Affirmative Action and the impact the current educational initiatives addressing inequities at UC, K-12, and with DACA. University of California Chicanx Latinx Alumni Association Summit.

October 4-6, 2023, in Mexico City, MX.

- The UC President's Postdoctoral Fellowship Program. Edward Bouchet Graduate Honor Society Postdoctoral Symposium. December 5, 2023, Arlington, VA.

MELLON, Pamela L.

Peer-Reviewed Research Publications

- Cassin. J.,* Stamou, M. I.,* Keefe, K. W.,* Sung, K. E., Bojo, C. C., Tonsfeldt, K. J., Rojas, R. A., Ferreira Lopes, V., Plummer, L., Salnikov, K. B., Keefe Jr., D. L., Ozata, M., Genel, M., Georgopoulos, N. A., Hall, J. E., Crowley Jr., W. F., Seminara, S. B., **Mellon, P. L.**, # Balasubramanian, R.# (2023). Heterozygous Mutations in SOX2 may cause Idiopathic Hypogonadotropic Hypogonadism via Dominant-negative Mechanisms. *Journal of Clinical Investigation Insight* 8(3):e164324. *Co-first authors. #Co-Senior authors. PMID: 36602867. PMC9977424.

Abstracts

- Cassin, C.*, Keefe, D.L. Jr.*, Sung, K.E., Bojo, C.C., Santiago, G., Plummer, L., Salnikov, K.B., Seminara, S.B., Balasubramanian, R.#, **Mellon, P.L.** # (2023). Evidence for *ZIC1* as a Novel Gene for Isolated Hypogonadotropic Hypogonadism with Phenotypic Pleiotropic Intersection with Cerebellar Malformation. The Endocrine Society, 105th Annual Meeting. *Co-First, #Co-Senior.

SU, Irene

Peer-Reviewed Research Publications

- 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.* 2023 Apr;12(2):241-249. doi: 10.1089/jayao.2021.0224. Epub 2022 May 27. PMID: 35639102; PMCID: PMC10124175.
- 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.* 2023 Dec;17(6):1660-1668. doi: 10.1007/s11764-022-01281-1. Epub 2022 Oct 27. PMID: 36289184; PMCID: PMC10539193.

- Weiner LS, Nagel S, **Su HI**, Hurst S, Levy SS, Arredondo EM, Hekler E, Hartman SJ. Correction to: A remotely delivered, peer-led intervention to improve physical activity and quality of life in younger breast cancer survivors. *J Behav Med.* 2023 Aug;46(4):707-708. doi: 10.1007/s10865-022-00390-7. Epub 2023 Jan 18. Erratum for: *J Behav Med.* 2023 Aug;46(4):578-593. PMID: 36652087; PMCID: PMC9846656.
- Desai M, Zhou B, Nalawade V, Gyamfi-Bannerman C, Veeravalli N, Henk H, Murphy J, Whitcomb B, **Su HI**. Maternal comorbidity and adverse perinatal outcomes in survivors of adolescent and young adult cancer: A cohort study. *BJOG.* 2023 Jun;130(7):779-789. doi: 10.1111/1471-0528.17380. Epub 2023 Feb 2. PMID: 36655360; PMCID: PMC10401611.
- Frederick NN, Klosky JL, Meacham L, Quinn GP, Kelvin JF, Cherven B, Freyer DR, Dvorak CC, Brackett J, Ahmed-Winston S, Bryson E, **Su HI**, Chow EJ, Levine J. Fertility Preservation Practices at Pediatric Oncology Institutions in the United States: A Report from the Children's Oncology Group. *JCO Oncol Pract.* 2023 Apr;19(4):e550-e558. doi: 10.1200/OP.22.00349. Epub 2023 Feb 10. PMID: 36763922; PMCID: PMC10113112.
- Nathan PC, **Su HI**. Making sense of the risks: what to tell adolescents and young adults diagnosed with cancer during pregnancy. *J Natl Cancer Inst.* 2023 Jun 8;115(6):603-604. doi: 10.1093/jnci/djad066. PMID: 37040085; PMCID: PMC10248845.
- Romero SAD, Palomino H, Ahmed SH, Peacher D, Urias A, Ramirez L, Yocupicio J, Gutierrez P, Flores Ortega RE, Reyes B, Kaiser BN, Hoyt H, **Su HI**. Intervening on women's health for rural young breast cancer survivors: A study protocol. *Contemp Clin Trials.* 2023 Jul;130:107215. doi: 10.1016/j.cct.2023.107215. Epub 2023 May 8. PMID: 37164298; PMCID: PMC10723631.
- Nerb L, Yang E, Exume D, Dornisch A, Zhou B, Helsten T, Kaiser BN, Romero SAD, **Su HI**. Development, Usability Testing, and Implementation Assessment of Cancer Related Infertility Score Predictor, an Online Cancer Related Infertility Risk Counseling Tool. *J Adolesc Young Adult Oncol.* 2023 Dec;12(6):843-850. doi: 10.1089/jayao.2022.0187. Epub 2023 May 12. PMID: 37184539; PMCID: PMC10739786.
- Din HN, Singh-Carlson S, Corliss HL, Hartman SJ, Strong D, Madanat H, **Su HI**. Perceived and Objective Fertility Risk Among Female Survivors of Adolescent and Young Adult Cancer. *JAMA Netw Open.* 2023 Oct 2;6(10):e2337245. doi: 10.1001/jamanetworkopen.2023.37245. PMID: 37819662; PMCID: PMC10568355.
- Yang EH, Strohl HB, **Su HI**. Fertility preservation before and after cancer treatment in children, adolescents, and young adults. *Cancer.* 2023 Nov 14. doi: 10.1002/cncr.35108. Epub ahead of print. PMID: 37962199.

Review Articles and Book Chapters (Peer-reviewed)

- Karunaratne M, Melber DJ, **Su HI**, Ramos GA. Dicavitary twin pregnancy in patient with bicornuate bicollis uterine anomaly. *Clin Case Rep.* 2023 Jun 7;11(6):e7440. doi: 10.1002/ccr3.7440. PMID: 37305878; PMCID: PMC10248201.

Invited Presentations

- Invited speaker. “Oncofertility Considerations in Young Breast Cancer Survivors.” The 10th Anniversary: USC Multi-Disciplinary Breast Cancer Symposium. January 21, 2023. Los Angeles, CA.
- Invited speaker. “Fertility Preservation for Women with Cancer.” 34th Annual In Vitro-Fertilization and Embryo Transfer Conference. July 30-August 2, 2023. Coronado, CA.

THACKRAY, Varykina

Peer-Reviewed Research Publications

- Rastegar, K., Kelley, S.T., and **Thackray, V.G.** (2023) Metagenome-Assembled Genomes from Mouse Fecal Microbiomes Dominated by Uncharacterized Bacteria. *Microbiology Resource Announcements* 12(3):e0116222. doi: 10.1128/mra.01162-22.
- Chen, A., Handzel A., Sau, L., Cui, L., Kelley, S.T, and **Thackray, V.G.** (2023) Hyperandrogenism in Female Mice Linked with Metabolic Dysregulation and Gut Dysbiosis. *Endocrinology, Diabetes and Metabolism* Special Issue: The Microbiome: Intersections with the Endocrine and Metabolism. <https://doi.org/10.1002/edm2.443>
- Sisk-Hackworth, L., Brown, J., Sau, L., Levine, A.A., Tam, L., Ramesh, A., Shah, R.S., Kelley-Thackray, E.T., Wang, S.#, Nguyen A.#, Kelley, S.T. and **Thackray, V.G** (2023) Hypogonadal (Gnrh1^{hpg}) Mice Reveal Niche-Specific Influence of Reproductive Axis and Sex on Intestinal Microbial Communities. *Biology of Sex Differences*.

Review Articles and Book Chapters (Peer-reviewed)

- Sisk-Hackworth, L., Kelley, S.T., and **Thackray, V.G.** (2023) Sex, Puberty and the Gut Microbiome. *Reproduction* 165(2):R61-R74. doi: 10.1530/REP-22-0303.

Abstracts

- Chen, A., Shah, R.S., Nguyen, A., Brown, J., Tam, I., Sau, L., Kreisman, M.J., McCosh, R.B., Breen, K.M., and **Thackray, V.G.** (2023) Investigating Long-Term Effects of Antibiotic Treatment During Puberty In Male and Female Mice. *UC San Diego School of Medicine Summer Research Symposium and Poster Presentation*, La Jolla, CA.
- Sisk-Hackworth, L., **Thackray, V.G.**, Sau, L., Brown, J., Tam, I., Ramesh, A., and Kelley, S.T. (2023) The Effect of the Reproductive Axis in the Gut Microbiome. *San Diego State University Student Research Symposium*, San Diego, CA.
- Ogden. S., Sisk-Hackworth, L., **Thackray, V.G.**, and Kelley, S.T. (2023) β -Glucuronidase Activity in the Gut Microbiome: Relationship to Sex and HPG Axis. *San Diego State University Student Research Symposium*, San Diego, CA.
- Nguyen, A., Brown, J., Shah, R, Tam, I., Wang, S., Ramesh, A., Mall, A., and **Thackray, V.G.** (2023) Investigating Effects of Antibiotic Treatment During Puberty on Anxiety and Metabolism in Male Mice. *UCSD Biological Sciences Annual Research Showcase*, La Jolla, CA.
- Sisk-Hackworth, L., Sau, L., Brown, J., Tam, I., Ramesh, A., Shah, R., Kelley-Thackray, K.T., Wang, S., Nguyen A., Kelley, S.T. and **Thackray, V.G** (2023) Influence of the HPG Axis on Sexual Differentiation of the Gut Microbiome. *56th Annual Meeting of The Society for the Study for Reproduction*, Ottawa, Canada.
- Maissy, E, Chiang, S., Brown, J.D., Flores-Ramos, S., Richter, A., Sau., L., Bryant, M., Caraballo, M., Dorrestein, P., Knight, R., **Thackray, V.G.**, and Zarrinpar, A (2023) Gut Microbial Bile Acid Modifications with a Single Treatment of Engineered Native Bacteria Ameliorate Metabolic Features in Polycystic Ovary Syndrome. *American Society for Reproductive Medicine 2023*, New Orleans, LA.
- Sisk-Hackworth, L., Sau, L., Brown, J., Tam, I., Ramesh, A., Shah, R., Kelley-Thackray, K.T., Wang, S., Nguyen A., Kelley, S.T. and **Thackray, V.G** (2023) Influence of the HPG Axis on Sexual Differentiation of the Gut Microbiome. *84th Annual Meeting of the Southern California American Society for Microbiology*, La Jolla, CA.

Invited Presentations

- 56th Annual Meeting of The Society for the Study for Reproduction, Ottawa, Canada July 2023
Gut Microbiome, Sex Steroids and Polycystic Ovary Syndrome.
- Department of Obstetrics, Gynecology and Reproductive Sciences Research Retreat, University of California, San Diego, La Jolla, CA, September 2023.
Interplay between Sex Steroids and the Gut Microbiome: Implications for Women's Health
- Center for Perinatal Discovery, University of California, San Diego, La Jolla, CA, December 2023
Emerging Role of the Gut Microbiome in Polycystic Ovary Syndrome.

Peer-Reviewed Research Publications

- Smith DM, Niehoff ML, Ling K, Jafar-Nejad P, Rigo F, Farr SA, **Wilkinson MF**, Nguyen AD. Targeting Nonsense-Mediated RNA Decay Does Not Increase Progranulin Levels in the Grn R493X Mouse Model of Frontotemporal Dementia. *PLoS One* 18:e0282822 (2023). PMID: 36893203 Role: collaborator.
- Lehtiniemi T, Bourgery M, Ma L, Ahmedani A, Mäkelä M, Asteljoki J, Olotu O, Laasanen S, Zhang FP, Tan K, Chousal JN, Burow D, Koskinen S, Laiho A, Elo LL, Chalmel F, **Wilkinson MF**, Kotaja N. SMG6 Localizes to the Chromatoid Body and Shapes the Male Germ Cell Transcriptome to Drive Spermatogenesis. *Nucleic Acids Research* 50:11,470-11,491.

Review Articles and Book Chapters (Peer-reviewed)

- Tan K & **Wilkinson M.F.** (2023) Developmental Regulators Moonlighting as Transposons Defense Factors. *Andrology* 11:891-903 (2023). PMID: 36895139.

Abstracts

- **Wilkinson MF**, “What Spermatogonial Stem Cells Can Tell Us About Molecular Networks, Infertility, and Selfish DNA,” Study of Reproduction (SSR) Annual Meeting, Spokane, WA (26-29 July, 2022). Role: I presented this work as an oral presentation.

UROGYNECOLOGY AND RECONSTRUCTIVE PELVIC SURGERY

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Duran P, Boscolo Sesillo F, Cook M, **Burnett L**, Menefee SA, Do E, French S, Zazueta-Damian G, Dzieciatkowska M, Saviola AJ, Shah MM, Sanvictores C, Osborn KG, Hansen KC, Shtrahman M, Christman KL, **Alperin M**. Pro-regenerative extracellular matrix hydrogel mitigates pathological alterations of pelvic skeletal muscles after birth injury. *Sci Transl Med*. 2023 Aug 2;15(707):eabj3138. PMID: 37531414 PMCID: PMC10460616.
- **Nager CW, Burnett L**. Laparoscopic Urogynecology: Principles and Practice. *Urogynecology (Phila)*. 2023 Apr 1;29(4):458-459. doi: 10.1097/SPV.0000000000001348. PMID: 37695252.
- Kumar T, Bryant M, Cantrell K, Song SJ, McDonald D, Tubb HM, Farmer S, Lewis A, **Lukacz ES, Brubaker L, Knight R**. Effects of variation in sample storage conditions and swab order on 16S vaginal microbiome analyses. *Microbiol Spectr*. 2023 Dec 14:e0371223. doi: 10.1128/spectrum.03712-23. Epub ahead of print. PMID: 38095462.
- K. Fong, T. Aung, J. Koenig, **M. Alperin**, S. Schenk, **L. A. Burnett**. Defining Structural and Architectural Changes in Mouse Pelvic Floor Muscles During Pregnancy. In preparation.

Abstracts

- **Lindsey A. Burnett**, Hansen Kirk, Saviola Anthony, Christman Karen, **Alperin Marianna**. “Alterations in Mitochondrial Protein Composition in Response to Pregnancy and Delivery.” Podium presentation at the 70th Annual Scientific Meeting, Society for Reproductive Investigators, Brisbane, AU, March 2023. Role: Senior Author, RSDP Mentor.
- Katelyn Fong, Tiffany Aung, Ella Rust, **Marianna Alperin**, Simon Schenk, **Lindsey Burnett**. Defining Architectural Changes in Mouse Pelvic Floor Muscles During Pregnancy to Withstand Physiological Distension Associated with Parturition. American Physiological Society.
- Katelyn Fong, Tiffany Aung, Koenig Jenny, **Marianna Alperin**, Simon Schenk, **Lindsey A. Burnett**. Exploring the Impact of Diet-Induced Obesity on Postpartum Pelvic Floor Muscle Recovery: Insights from a Mouse Model. Society for Reproductive Investigation.

- Katelyn Fong, Tiffany Aung, Koenig Jenny, **Marianna Alperin**, Simon Schenk, **Lindsey A. Burnett**. Investigating the Effects of Diet-Induced Obesity on the Recovery of Pelvic Floor Muscles After Birth Injury Using a Mouse Model. AAP/ASCI/APSA Joint Meeting.

ALPERIN, Marianna

Peer-Reviewed Research Publications

- Duran P, Boscolo Sesillo F, Cook M, Burnett L, Menefee SA, Do E, French S, Zazueta-Damian G, Dzieciatkowska M, Saviola AJ, Shah MM, Sanvictores C, Osborn KG, Hansen KC, Shtrahman M, Christman KL, **Alperin M**. Pro-regenerative extracellular matrix hydrogel mitigates pathological alterations of pelvic skeletal muscles after birth injury. *Sci Transl Med*. 2023 Aug 2;15(707):eabj3138. PMID: 37531414 PMCID: PMC10460616.
- Artsen AM, Dyer KY, Routzong MR, Zazueta-Damian G, Weinstein MM, **Alperin M**. Impact of sex and aging on radiographic and functional parameters of the anal sphincter complex in patients with accidental bowel leakage. *Neurourol Urodyn*. 2023;1-10. doi:10.1002/nau.25151 PMID: 36805621 PMCID: PMC10513003.
- K. Fong, T. Aung, J. Koenig, **M. Alperin**, S. Schenk, L. A. Burnett. Defining Structural and Architectural Changes in Mouse Pelvic Floor Muscles During Pregnancy. In preparation.

Review Articles and Book Chapters (Peer-reviewed)

- Gimenez C, **Alperin M**, De Vita R.J The Effect of Menopause On Vaginal Tissue Mechanics: A Brief Review. *Biomech Eng*. 2023 Aug 5:1-16. doi: 10.1115/1.4063101. Online ahead of print.PMID: 37542707.
- Sanses TVD, Zillioux J, High RA, Dengler KL, Ackenbom MF, DuBeau CE, **Alperin M**, Wagg A, Birder LA, Dumoulin C, Bavendam T. Evidence-Informed, Interdisciplinary, Multidimensional Action Plan to Advance Overactive Bladder Research and Treatment Initiatives: Directives From State-of-the-Science Conference on Overactive Bladder and Cognitive Impairment. *Urogynecology (Hagerstown)*. 2023 Jan 1;29(1S Suppl 1):S20-S39. doi: 10.1097/SPV.0000000000001274. PMID: 36548637.
- Dengler KL, High RA, Moga DC, Zillioux J, Wagg A, DuBeau CE, Ackenbom MF, **Alperin M**, Dumoulin C, Birder LA, Mazloomdoost D, Lai HH, Sung VW, Gray SL, Sanses TVD. Overactive Bladder and Cognitive Impairment: The American Urogynecologic Society and Pelvic Floor Disorders Research Foundation State-of-the-Science Conference Summary Report. *Urogynecology (Hagerstown)*. 2023 Jan 1;29(1S Suppl 1):S1-S19. doi: 10.1097/SPV.0000000000001272. PMID: 36548636.

Invited Presentations

- “Research in Urogynecology: Progress and Future Challenges.” *Invited presentation* at the Annual Meeting, American Gynecology and Obstetrics Society, Chicago, IL, September 2023.
- “Reproductive Rights in the Context of Maternal Birth Injury.” *Invited presentation* at the Annual Scientific Meeting, American Society of Reproductive Immunologists, Santa Fe, NM, May 2023.
- “Pragmatic Regenerative Therapies for Female Pelvic Soft Tissues”. *Invited presentation*, Reproduction, Development & Cancer Seminar Series, Cecil and Ida Green Center for Reproductive Biology Sciences, UT Southwestern Medical Center, Dallas, TX, May 2023.
- “Alterations in Mitochondrial Protein Composition in Response to Pregnancy and Delivery.” Podium presentation at the 70th Annual Scientific Meeting, Society for Reproductive Investigators, Brisbane, AU, March 2023. Role: Senior Author, RSDP Mentor.
- “Muscle Stem Cells Fate During Pregnancy: Characterization of Autonomous Cellular Function in Preclinical Animal Model.” Podium presentation at the 70th Annual Scientific Meeting, Society for Reproductive Investigators, Brisbane, AU, March 2023.
- “Pragmatic Regenerative Therapies for the Female Pelvic Skeletal Muscles”. *Invited presentation* at the Winter Scientific Meeting, Society of Urodynamics, Female Pelvic Medicine & Urogenital Reconstruction, Nashville, TN, March 2023.

Abstracts

- Suyama J, Statum S, Mohana-Borgez A, Ma Y, Anger JA, Chung C, **Alperin M**. “Novel MRI Biomarkers of Bladder Wall Composition in Preclinical Model of Bladder Pain Syndrome”. Podium presentation at 2023 AUGS Scientific Meeting, October 2023. Role: Senior Author, Fellow Research Mentor.
- Routzong M, Rieger M, Cook M, Ukkan R, **Alperin M**. “Sexual Dimorphism in Pelvic Floor Muscle Architecture.” Presentation at 2023 AUGS Scientific Meeting, October 2023. Role: Senior Author, Post-doctoral Advisor.
- Lindsey A. Burnett, Hansen Kirk, Saviola Anthony, Christman Karen, **Alperin Marianna**. “Alterations in Mitochondrial Protein Composition in Response to Pregnancy and Delivery.” Podium presentation at the 70th Annual Scientific Meeting, Society for Reproductive Investigators, Brisbane, AU, March 2023. Role: Senior Author, RSDP Mentor.

- **Marianna Alperin**, Boscolo Francesca, Wong Michelle, John Rudelle. “Muscle Stem Cells Fate During Pregnancy: Characterization of Autonomous Cellular Function in Preclinical Animal Model.” Podium presentation at the 70th Annual Scientific Meeting, Society for Reproductive Investigators, Brisbane, AU, March 2023.
- Katelyn Fong, Tiffany Aung, Ella Rust, **Marianna Alperin**, Simon Schenk, Lindsey Burnett. Defining Architectural Changes in Mouse Pelvic Floor Muscles During Pregnancy to Withstand Physiological Distension Associated with Parturition. American Physiological Society.
- Katelyn Fong, Tiffany Aung, Koenig Jenny, **Marianna Alperin**, Simon Schenk, Lindsey A. Burnett. Exploring the Impact of Diet-Induced Obesity on Postpartum Pelvic Floor Muscle Recovery: Insights from a Mouse Model. Society for Reproductive Investigation.
- Katelyn Fong, Tiffany Aung, Koenig Jenny, **Marianna Alperin**, Simon Schenk, Lindsey A. Burnett. Investigating the Effects of Diet-Induced Obesity on the Recovery of Pelvic Floor Muscles After Birth Injury Using a Mouse Model. AAP/ASCI/APSA Joint Meeting.

Honors and Awards

- Vice Chair for Translational Research, Dept of OBGYN and RS, UC San Diego.

BRUBAKER, Linda

Peer-Reviewed Research Publications

- **Brubaker L**, Horsley H, Khasriya R, Wolfe A. Microbiologist in the clinic: coitally related symptoms with negative urine culture. Int Urogyn Journal. <https://doi.org/10.1007/s00192-023-05662-7>.
- Kumar T, Bryant M, Cantrell K, Song SJ, McDonald D, Tubb HM, Farmer S, Lewis A, Lukacz ES, **Brubaker L**, Knight R. Effects of variation in sample storage conditions and swab order on 16S vaginal microbiome analyses. Microbiol Spectr. 2023 Dec 14:e0371223. doi: 10.1128/spectrum.03712-23. Epub ahead of print. PMID: 38095462.
- Cunningham SD, Lindberg S, Joinson C, Shoham D, Chu H, Newman D, Epperson N, **Brubaker L**, Low KL, Camenga DR, LaCoursiere DY, Kenton K, Sutcliffe S, Markland AD, Gahagan S, Coyne-Beasley T, Constantine M, Berry A, PLUS Research Consoritum; Association between maternal antenatal and postnatal depression and lower urinary tract symptoms in their primary school-age daughters: A birth cohort study. Journal of Pediatric Psychology (in press) 2023 Sept.

- Moreland R, Choi B, Geaman W, Gonzalez C, Hochstedler-Kramer, John J, Kaindl J, Kesav, N, Lamichhane J, Lucio L, Saxena M, Sharma A, Tinawi L, Vanek M, Putonti C, **Brubaker L**, Wolfe A. Beyond the usual suspects: emerging uropathogens in the microbiome age. *Frontiers in Urology*, July 2 2023.
- **Brubaker L**, Chai T, Horsley H, Khasriya R, Moreland RB and Wolfe AJ. Tarnished Gold – the “Standard” Urine Culture: Reassessing the characteristics of a criterion standard for detecting urinary microbes. *Front. Urol. Sec. Female Urology, Volume 3 - 2023* | doi: 10.3389/fruro.2023.1206046.
- Ha D, Ghebrendrias S, Meadows A, LaCoursiere DY, Lewis A, Lawson M, Morales M, Gyamfi-Bannerman C, **Brubaker L**. The Culture and Justice Quorum at University of California, San Diego: A Departmental Approach to Dismantling Structural Racism. *Acad Med.* 2023 Mar 1:e005200. doi: 10.1097/ACM.0000000000005200. Epub ahead of print. PMID: 36862643.
- Averbach S, Ha D, Meadows A, **Brubaker L**, Gyamfi-Bannerman C. Failure to progress: structural racism in women's healthcare. *EClinicalMedicine.* 2023 Feb 16;57:101861. doi: 10.1016/j.eclinm.2023.101861. PMID: 36864981; PMCID: PMC9971514.
- Wolfe AJ, Rademacher DJ, Mores CR, Evans RJ, Overholt T, Halverson T, Limeira R, Matthews C, Badlani G, **Brubaker L**, Walker SJ. Detection of Bacteria in Bladder Mucosa of Adult Females. *J Urol.* 2023 May;209(5):937-949. doi: 10.1097/JU.0000000000003189. Epub 2023 Jan 19. PMID: 36657058.

Abstracts

- **Brubaker L**, Kane C, Maysent P, Garfin S, Carethers J, Khosla P, Mobley W, Ford W, Sabbagh H Large Public University Funding Model for Physician Wellness. American Conference on Physician Health Oct 2023. Poster presentation.

BURNETT, Lindsey

Peer-Reviewed Research Publications

- Duran PA, Boscolo Sesillo F, Cook M, **Burnett LA**, Menefee SA, Do E, French S, Zazueta-Damian G, Dzieciatkowska M, Saviola AJ, Shah MM, Sanvictores C, Osborn KG, Hansen KC, Shtrahman M, Christman KL, Alperin M. Proregenerative extracellular matrix hydrogel mitigates pathological alterations of pelvic skeletal muscles after birth injury. *Sci Trans Med.* Nov; in press, 2023.
- Nager CW, **Burnett L**. Laparoscopic Urogynecology: Principles and Practice. *Urogynecology (Phila).* 2023 Apr 1;29(4):458-459. doi: 10.1097/SPV.0000000000001348. PMID: 37695252.

- J. Koenig, **L. A. Burnett**. Understanding the Role of Obesity and Metabolism in Pelvic Floor Disorders. *Urogynecology*, in press.
- K. Fong, T. Aung, J. Koenig, M. Alperin, S. Schenk, **L. A. Burnett**. Defining Structural and Architectural Changes in Mouse Pelvic Floor Muscles During Pregnancy. In preparation.

Invited Presentations

- The Impact of Obesity-Related Metabolic Alterations on the Female Pelvic Skeletal Muscle Function. Oral presentation, RSDP Annual Meeting, Brisbane. 03/20/2023.
- Alterations in Mitochondrial Protein Composition in Response to Pregnancy and Delivery. Oral presentation, SRI Annual Meeting, Brisbane. 03/20/2023.
- Do Pregnancy-Induced Adaptations in Pelvic Floor Muscles Occur in Mouse? (Senior author). Oral presentation, Undergraduate Research Symposium, UC San Diego School of Medicine. 04/22/2023.
- “Updates in the Evaluation and Treatment of Female Urinary Incontinence.” Guest Speaker, IGO (Infertility, Gynecology and Obstetrics) Medical Group, UCSD Physician Network Affiliation. 06/06/2023.
- “Urinary Incontinence” Internal Medicine Lecture Series, Guest Lecturer, Primary Care, UC San Diego. 05/03/2023.
- “Urinary Incontinence Later in a Woman’s Life” Geriatrics Lecture Series, Guest Lecturer, UC San Diego. 06/09/2023.
- Invited Speaker: Bacterial Modification of Urothelial Cell Behavior and Metabolism, International Urogynecological Association, the Hague, Netherlands. 06/22/2023.
- Invited Panelist: How to Facilitate an MD/PhD Interaction: ARCTICS Community Forum, CAIRIBU, Virtual. 09/13/2023.
- Invited Panelist: CAIRIBU U-RIG Research Hour Bridging the Gaps in the Urobiome, CAIRIBU, Virtual. 09/15/2023.
- Kelly C. Weldon, Morgan Panitchpakdi, Mauricio Caraballo, Alan J. Wolfe, Pieter C. Dorrestein, Linda Brubaker, Lindsey A. Burnett. Urinary Metabolomic Profile is Minimally Impacted by Common Storage Conditions and Additives. 2023 CAIRIBU Meeting. *Won best poster award*.
- Invited Speaker: The Impact of Diet-Induced Obesity on Pelvic Floor Muscle Regeneration Following Birth Injury. Reproductive Scientist Development Program Retreat, Chicago. 9/29/23.
- Invited Speaker: Role of Host in Recovery After Birth Injury. American Urogynecologic Society Meeting, Portland. 10/05/23
- Defining Structural and Architectural Changes in Mouse Pelvic Floor Muscles During Pregnancy. Oral presentation, American Urogynecological Society Meeting, Portland. 10/05/2023.

Abstracts

- Katelyn Fong, Tiffany Aung, Ella Rust, Marianna Alperin, Simon Schenk, **Lindsey Burnett**. Defining Architectural Changes in Mouse Pelvic Floor Muscles During Pregnancy to Withstand Physiological Distension Associated with Parturition. American Physiological Society.
- Katelyn Fong, Tiffany Aung, Koenig Jenny, Marianna Alperin, Simon Schenk, **Lindsey A. Burnett**. Exploring the Impact of Diet-Induced Obesity on Postpartum Pelvic Floor Muscle Recovery: Insights from a Mouse Model. Society for Reproductive Investigation.
- Katelyn Fong, Tiffany Aung, Koenig Jenny, Marianna Alperin, Simon Schenk, **Lindsey A. Burnett**. Investigating the Effects of Diet-Induced Obesity on the Recovery of Pelvic Floor Muscles After Birth Injury Using a Mouse Model. AAP/ASCI/APSA Joint Meeting

Honors and Awards

- UC San Diego RAPID Program 2023-24 Cohort: Selected to participate in the UC San Diego Raising Advancement and Parity for Infectious Disease Researchers (RAPID) program.

LUKACZ, Emily

Peer-Reviewed Research Publications

- Newman DK, Lowder JL, Meister M, Low LK, Fitzgerald CM, Fok CS, Geynisman-Tan J, **Lukacz ES**, Markland A, Putnam S, Rudser K, Smith AL, Miller JM; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Comprehensive pelvic muscle assessment: Developing and testing a dual e-Learning and simulation-based training program. *Neurourol Urodyn*. 2023 Jun;42(5):1036-1054. doi: 10.1002/nau.25125. Epub 2023 Jan 10. PMID: 36626146; PMCID: PMC10293112.
- **Lukacz ES**, Falke C, Geynisman-Tan J, Wyman JF, Mueller ER, Markland AD, Rickey L, Lowder JL, Rudser K, Kane Low L, Newman DK; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Healthy bladder storage and emptying functions in community-dwelling women measured by a 2-day bladder health diary. *Neurourol Urodyn*. 2023 Apr;42(4):725-735. doi: 10.1002/nau.25169. Epub 2023 Mar 9. PMID: 36891924; PMCID: PMC10101892.
- Luchristt D, Carper B, Balgobin S, Meyer I, Myers D, Mazloomdoost D, Gantz M, Andy U, Zyczynski HM, **Lukacz ES**; Pelvic Floor Disorders Network. Characteristics associated with subjective and objective measures of

treatment success in women undergoing percutaneous tibial nerve stimulation vs sham for accidental bowel leakage. *Int Urogynecol J*. 2023 Aug;34(8):1715-1723. doi: 10.1007/s00192-022-05431-y. Epub 2023 Jan 27. PMID: 36705728; PMCID: PMC10372194.

- Hilt EE, Parnell LK, Wang D, Stapleton AE, **Lukacz ES**. Microbial Threshold Guidelines for UTI Diagnosis: A Scoping Systematic Review. *Pathology and Laboratory Medicine International*. 2023;15:43-63 <https://doi.org/10.2147/PLMI.S409488>.
- Kumar T, Bryant M, Cantrell K, Song SJ, McDonald D, Tubb HM, Farmer S, Lewis A, **Lukacz ES**, Brubaker L, Knight R. Effects of variation in sample storage conditions and swab order on 16S vaginal microbiome analyses. *Microbiol Spectr*. 2023 Dec 14:e0371223. doi: 10.1128/spectrum.03712-23. Epub ahead of print. PMID: 38095462.

Review Articles and Book Chapters (Peer-reviewed)

- **Lukacz ES**. Female Urinary Incontinence: Treatment. In: UpToDate, Post TW (Ed), UpToDate, Waltham, MA. (Topic last updated: May 25, 2023.) (Primary Care: 6,881 views, top 15% of specialty).
- Lippmann Q, **Lukacz ES**. Perioperative patient care issues in female pelvic reconstructive surgery. In: UpToDate. Post TW (Ed), Waltham, MA. (Topic last updated: Oct 23, 2023.) (Ob/Gyn: 91,017 views, bottom 80% of specialty).
- **Lukacz ES**. Urgency urinary incontinence/overactive bladder (OAB) in females: Treatment. In: UpToDate, Post TW (Ed), UpToDate, Waltham, MA. (Topic last updated: Dec 01, 2023.) (Primary Care: 114,501 views, top 10% of specialty).

Abstracts

- PJeppson¹, HRishelBrakey¹, TSanses², FGonzalez², GOkoro³, JNodora⁴, SVeera⁵, **ELukacz⁴**, HRichter⁵, RTaylor¹, VSung⁶. 1-TheUniversityofNewMexico. 2-HowardUniversity. 3-University of AlabamaBirmingham. 4-University of California San Diego.5-Women and Infants' Hospital. 6-Women and Infants Hospital/ Alpert Medical Schoolof Brown University. Community Engagement Studios to increase Research Participation and Diversity, Poster presentation AUGS 2023, Portland, OR.
- VSung¹, SVeera², HRichter³, TSanses⁴, **ELukacz⁵**, P Jeppson⁶. 1-Women and Infants Hospital/ Alpert Medical School of Brown University,. 2-Women and Infants Hospital. 3- University of Alabama at Birmingham.4-Howard University.5-University of California San Diego. 6 The University of New Mexico. Patient-Centered Urogynecology Research: Designing a Clinical Trial with a Patient Expert Panel. Poster presentation AUGS 2023, Portland, OR.

- Rickey L, Mueller E, Newman D, Markland A, Falke C, Rudser K, **Lukacz E**; for the PLUS Research Consortium. Inter-rater and Intra-rater reliability of uroflow interpretation in adult women (MP37-13). AUA 2023 Annual Meeting; Vol. 209, No. 4S, Saturday, April 29, 2023, Chicago, IL.

Honors and Awards

- Inaugural Pamela Mellon Excellence in Mentoring Award: recognizes a member of the Department of Obstetrics, Gynecology, and Reproductive Sciences who excels in mentoring faculty members and trainees to realize their full academic potential in basic/clinical research, medicine, and teaching.
- *Urogynecology* Top Cited Manuscript Award: For the document entitled- *Vaginal Estrogen for the Prevention of Recurrent Urinary Tract Infection in Postmenopausal Women: A Randomized Clinical Trial.* Document appeared in: *Female Pelvic Medicine & Reconstructive Surgery*, February 2021, Volume 27, Issue 2.
- Executive Board: *American Urogynecologic Society (AUGS)*. *Elected four-year term as Vice President (2024), President Elect (2025), President (2026) and Immediate Past President (2027).*
- 2023 Castle Connolly “Top Doctors” Exceptional Women In Medicine.
- 2023 Castle Connolly “Top Doctors.”

NAGER, Charles

Peer-Reviewed Research Publications

- **Nager CW**. Updating Evidence for Treatment of Pelvic Organ Prolapse. *JAMA*. 2023 Aug 15;330(7):599-600. doi: 10.1001/jama.2023.13733. PMID: 37581683.
- **Nager CW**, Burnett L. Laparoscopic Urogynecology: Principles and Practice. *Urogynecology (Phila)*. 2023 Apr 1;29(4):458-459. doi:10.1097/SPV.0000000000001348.PMID: 37695252.

Invited Presentations

- “Pelvic Anatomy,” “Obstetric Sphincter Repair with Beef Tongue Model,” “Fecal Incontinence and OASIS,” “Lower Urinary Tract Safety,” “Pessary Fitting,” “Prolapse Procedures,” “Demystifying the POP-Q exam.” This was a series of talks and workshops given over a 2 week stay at the Princess Marina Hospital, Gabarone, Botswana. February 19- March 3, 2023.
- “Hysteropexy techniques” AUGS Fellowship Day. Portland, OR. October 3, 2023.

- “Importance of Industry Collaboration to Advance Patient Care and Access to Treatment” AUGS PFD week. Portland OR, October 6, 2023.
- “Vaginal Hysterectomy and Vaginal Hysterectomy Simulation”. UCSD. November 1, 2023.