

DEPARTMENT OF OBSTETRICS, GYNECOLOGY, AND REPRODUCTIVE SCIENCES
2024 DEPARTMENT CURRICULUM VITAE
Executive Summary

Division (number of faculty)	Department Total	Complex Family Planning (5)	General OG (21)	GynOnc (7)	Hospitalist (8)	MFM (19)	REI (10)	URPS (6)
Peer-Reviewed Research Publications	186	11	3	13	4	95	19	41
Review Articles and Book Chapters	41	0	1	18	0	7	3	12
Abstracts	110	6	7	23	1	44	9	21
Invited Presentations	115	8	6	23	11	30	17	20
Honors and Awards	51	2	15	5	4	3	12	10
National Leadership	13	0	0	3	0	1	0	9

Scholarly work with multiple faculty members across divisions:

Peer-Reviewed Research Publications

- Sullender R, Agarwal RK, **Jacobs MB**, Wessels J, Foster W, **Agarwal SK**. Pilot study of IL-antagonist Anakinra for treatment of endometriosis. *International Journal of Women's Health*. In press.
- Schueler K, **Jacobs M**, **Averbach S**, Marengo A, **Mody SK**. Understanding Medication Abortion Ineligibility Due to Gestational Age Among a Cohort of Patients in Southern California. *Contraception*. 2024. 133:110386. PMID: 38307486.
- Smith AL, Falke C, Rudser KD, McGwin G, Brady SS, **Brubaker L**, Kenton K, **LaCoursiere DY**, Lewis CE, Low LK, Lowder JL, **Lukacz ES**, Mueller ER, Newman DK, Nodora J, Markland A, Putnam S, Rickey LM, Rockwood T, Simon MA, Stapleton A, Vaughan CP, Wyman JF, Sutcliffe S; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Bladder health in US women: population-based estimates from the RISE FOR

HEALTH study. Am J Obstet Gynecol. 2024 Nov 7:S0002-9378(24)01116-5. doi: 10.1016/j.ajog.2024.10.044. Online ahead of print.PMID: 39521302.

- Chousal JN, Morey R, Srinivasan S, Lee K, Zhang W, Yeo AL, To C, Cho K, Garzo VG, Parast MM, **Laurent LC, Cook-Andersen H**. Molecular profiling of human blastocysts reveals primitive endoderm defects among embryos of decreased implantation potential. Cell Rep. 2024 Feb 27;43(2):113701. doi: 10.1016/j.celrep.2024.113701. Epub 2024 Jan 26. PMID: 38277271.
- Shayna D Cunningham, Sarah Lindberg, Carol Joinson, David Shoham, Haitao Chu, Diane Newman, Neill Epperson, **Linda Brubaker**, Lisa Low, Deepa R Camenga, **D Yvette LaCoursiere**, Melanie Meister, Kimberly Kenton, Siobhan Sutcliffe, Alayne D Markland, Sheila Gahagan, Tamera Coyne-Beasley, Amanda Berry. Association between maternal depression and lower urinary tract symptoms in their primary school-age daughters: A birth cohort study. J Wound Ostomy Continence Nurs. 2024 Jan-Feb 01;51(1):53-60. doi: 10.1097/WON.0000000000001039. PMID: 38215298.
- 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. 2024 Jan 11;12(1):e0371223. doi: 10.1128/spectrum.03712-23. Epub 2023 Dec 14. PMID: 38095462; PMCID: PMC10783137.
- Garcia C, Velez LM, Ujagar N, Del Mundo Z, Nguyen T, Fox C, Mark A, **Fisch KM, Lawson MA, Duleba AJ**, Seldin MM, Nicholas DA. Lipopolysaccharide-induced chronic inflammation increases female serum gonadotropins and shifts the pituitary transcriptomic landscape. Front Endocrinol (Lausanne). 2024 Jan 8;14:1279878. doi: 10.3389/fendo.2023.1279878. PMID: 38260148; PMCID: PMC10801245.

Review Articles and Book Chapters (Peer-reviewed)

- Aisagbonhi O, Ghlichloo I, Hong DS, Roma A, Fadare O, **Eskander R, Saenz C, Fisch KM**, Song W. Comprehensive next-generation sequencing identifies novel putative pathogenic or likely pathogenic germline variants in patients with concurrent tubo-ovarian and endometrial serous and endometrioid carcinomas or precursors. Gynecol Oncol. 2024 Jun 3;187:241-248. doi: 10.1016/j.ygyno.2024.05.027. Epub ahead of print. PMID: 38833993.
- Brennan C, Chan K, Kumar T, Maissy E, **Brubaker L**, Dothard MI, Gilbert JA, Gilbert KE, **Lewis AL, Thackray VG**, Zarrinpar A, Knight R. Harnessing the power within: engineering the microbiome for enhanced gynecologic health. Reprod Fertil. 2024 Apr 15;5(2):e230060. doi: 10.1530/RAF-23-0060. PMID: 38513356; PMCID: PMC11046331.

Abstracts

- **Mesina, O.**, Applegarth, C., Buckner, E., Ruppin, A., Pinson, K., **Tarsa, M.** “Differences in LDASA initiation for preeclampsia prevention in at-risk pregnancies between White and non-White patients at a single institution.” 2024 Society for Maternal Fetal Medicine Pregnancy Meeting National Harbor, Maryland Feb 10, 2024.
- Rogerson, D., **Jacobs, M.**, **Mesina, O.**, et al. “Low dose aspirin for preeclampsia risk reduction: Do patients actually take it?” Abstract accepted to 2025 Society for Maternal Fetal Medicine Pregnancy Meeting Denver, Colorado Feb 1, 2025.
- Newman DK, Wyman J, Sutcliffe S, McGwin G, Elgayar SM, Fitzgerald CM, **Lukacz ES**, Kenton K, Kane Low L, **LaCoursiere DY**, Meister MR, Rodriguez-Ponciano DP, Smith A, for the Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium; Distribution of pelvic floor muscle function in a population-based study of US women. Open Discussion ePoster at: ICS 2024 Annual Meeting, October 23-24, 2024: Madrid, Spain.
- **Mesina, O.**, Keverline, K., **Lukacz, E.**, **Burnett, L.**, Santiago-Lastra, Y. “Correlation Between Urodynamic Evaluation and MESA Incontinence Questionnaire in Classifying the Type of Urinary Incontinence in Spanish Speaking Women at a Single Institution.” 2024 Society of Urodynamics, Female Pelvic Medicine & Urogenital Reconstruction Winter Meeting Fort Lauderdale, FL.

List by division (alpha)

COMPLEX FAMILY PLANNING

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Schueler K, Jacobs M, **Averbach S**, Marengo A, **Mody SK**. Understanding Medication Abortion Ineligibility Due to Gestational Age Among a Cohort of Patients in Southern California. *Contraception*. 2024. 133:110386. PMID: 38307486.
- Rigler N, Kully G, Hildebrand M, **Averbach S**, **Mody SK**. Barriers and Facilitators of Extended Use of the Contraceptive Implant: A Cross-Sectional Survey of Clinicians. *Women's Health Issues*. 2024 Sep-Oct;34(5):480-487.PMID: 38811280.
- Rigler N, **Averbach S**, Kully G, Hildebrand M, **Mody SK**. Offering Extended Use of the Contraceptive Implant via an Implementation Science Framework: A Qualitative Study of Clinicians' Perceived Barriers and Facilitators. *BMC Health Serv Res*. 2024 Jun 3;24(1):697. PMID: 38825705.
- Meurice ME, **Mody SK**, Nodora J, Marengo A, **Averbach S**. Social determinants of choosing telemedicine for contraceptive care: a retrospective cohort study. *Contraception*. 2024 Feb 29:110414. PMID: 38431258.

Abstracts

- **Vachon D**, Hogan S, **Averbach S**. The Impact of the Dobbs Decision on ObGyn Resident Abortion Case Logs. Association of Professions of Gynecology and Obstetrics (APGO) Annual meeting. Oral Abstract. February 28, 2024. San Antonio, TX.
- Society of Family Planning Conference 2024: Poster Presentation: **Averbach S**, Kully G, Hildebrand H, **Mody S**. Comparison of bleeding patterns with replacement versus extended use of the contraceptive implant.

AVERBACH, Sarah

Peer-Reviewed Research Publications

- Ghule M, Dixit A, Johns NE, Battala M, Begum S, **Averbach S**, Silverman JG, Saggurti N, Raj A. Examining the association between men's gender equitable attitudes and contraceptive outcomes in rural Maharashtra, India. *Dialogues in Health*. 2024 20;4:100168. PMID: 38516219 (participated in study design, data collection, data interpretation, and writing).
- Schueler K, Jacobs M, **Averbach S**, Marengo A, Mody S. Understanding Medication Abortion Ineligibility Due to Gestational Age Among a Cohort of Patients in Southern California. *Contraception*. 2024. 133:110386. PMID: 38307486 (participated in study design, writing, and resident mentoring).
- Meurice ME, Mody SK, Nodora J, Marengo A, **Averbach S**. Social determinants of choosing telemedicine for contraceptive care: a retrospective cohort study. *Contraception*. 2024 Feb 29;110414. PMID: 38431258 (supervised fellow in all aspects of study design, data analysis, and writing).
- Rigler N, **Averbach S**, Kully G, Hildebrand M, Mody S. Offering Extended Use of the Contraceptive Implant via an Implementation Science Framework: A Qualitative Study of Clinicians' Perceived Barriers and Facilitators. *BMC Health Serv Res*. 2024 Jun 3;24(1):697. PMID: 38825705 (participated in study design, data collection, writing, and medical student mentoring).
- Rigler N, Kully G, Hildebrand M, **Averbach S**, Mody S. Barriers and Facilitators of Extended Use of the Contraceptive Implant: A Cross-Sectional Survey of Clinicians. *Women's Health Issues*. 2024 Sep-Oct;34(5):480-487. PMID: 38811280 (participated in study design, data collection, writing, and medical student mentoring).
- Chatterji S, Johns NE, Ghule M, Begum S, **Averbach S**, Battala M, Raj A. Assessing the impact of CHARM2, a family planning program on gender attitudes, intimate partner violence, reproductive coercion, and marital quality in India. *PLOS Global Public Health*. 2024;21;4(5):e0003220.eCollection 2024. PMID: 38771823 (participated in study design, data collection, data interpretation, and manuscript preparation).

Abstracts

- Vachon D, Hogan S, **Averbach S**. The Impact of the Dobbs Decision on ObGyn Resident Abortion Case Logs. Association of Professions of Gynecology and Obstetrics (APGO) Annual meeting. Oral Abstract. February 28, 2024. San Antonio, TX.
- **Averbach S**, Reis M, Gonzolez A. On the Borderline: Considerations for Practicing Border Medicine and Addressing Needs of Refugee Populations. FIGO, Paris 2024.
- Society of Family Planning Conference 2024: Poster Presentation: **Averbach S**, Kully G, Hildebrand H, Mody S. Comparison of bleeding patterns with replacement versus extended use of the contraceptive implant.

Peer-Reviewed Research Publications

- Creinin MD, Gawron LM, Roe AH, Blumenthal PD, Borass CM, Hou, MY, McNicholas C, Schreifels MJ, Peters, K, **Culwell K**, Turok, DK, et al. Three years efficacy, safety, and tolerability outcomes from a phase 3 study of a low-dose copper intrauterine device. *Contraception*. 2024 Nov 22:110771.doi: 10.1016/j.contraception.2024.110771. Online ahead of print.

GUPTA, Pratima

Invited Presentations

- March 2024 UCSD School of Public Health- Advocacy for Reproductive Justice.
- March 2024 Association of Prosecuting Attorneys- The Impact of Restrictions and Bans on Abortion Care In a post-Dobbs World- a Medical and Legal Perspective.
- April 2024 UCSD Reproductive Justice panel to medical students.
- May 2024 UCSF School of Nursing- Manual Uterine Aspiration training for nurse practitioner students.
- March 2024 UCLA-Drew School of Medicine- Manual Uterine Aspiration training for medical students.

Honors and Awards

- 2024 American College of Obstetricians and Gynecologists Mentorship Award.
- 2024 Berlex Foundation Junior Faculty Development Award.

MODY, Sheila

Peer-Reviewed Research Publications

- Schueler K, Jacobs M, Averbach S, Marengo A, **Mody SK**. Understanding medication abortion ineligibility due to gestational age among a cohort of patients in Southern California. *Contraception*. 2024 May;133:110386. doi: 10.1016/j.contraception.2024.110386. Epub 2024 Feb 1. PMID: 38307486.
- Rigler N, Kully G, Hildebrand MC, Averbach S, **Mody SK**. Offering extended use of the contraceptive implant via an implementation science framework: a qualitative study of clinicians' perceived barriers and facilitators. *BMC*

Health Serv Res. 2024 Jun 3;24(1):697. doi: 10.1186/s12913-024-10991-4. PMID: 38825705; PMCID: PMC11145768.

- Rigler N, Averbach S, Sandoval S, Hildebrand M, **Mody SK**. Barriers and Facilitators of Extended Use of the Contraceptive Implant: A Cross-Sectional Survey of Clinicians. *Womens Health Issues*. 2024 Sep-Oct;34(5):480-487. doi: 10.1016/j.whi.2024.04.003. Epub 2024 May 28. PMID: 38811280.
- Meurice ME, **Mody SK**, Nodora J, Marengo A, Averbach S. Social determinants of choosing telemedicine for contraceptive care: a retrospective cohort study. *Contraception*. 2024 Feb 29;110414. PMID: 38431258.

Abstracts

- Society of Family Planning Conference 2024: Poster Presentation: Meurice, M, Wallis-Lang K, Hildebrand H, **Mody S**. Experience of nulliparous patients under thirty seeking permanent female contraception: a qualitative study.
- Society of Family Planning Conference 2024: Poster Presentation: Averbach S, Kully G, Hildebrand H, **Mody S**. Comparison of bleeding patterns with replacement versus extended use of the contraceptive implant.

Invited Presentations

- American Dermatology Association. Women's Health Therapeutic Hotline Society of Adolescent Health and Medicine. Let's Talk about Birth Control.
- American Dermatology Association. Women's Health Therapeutic Hotline.

VACHON, Danielle

Abstracts

- **Vachon D**, Hogan S, Averbach S. The Impact of the Dobbs Decision on ObGyn Resident Abortion Case Logs. Association of Professions of Gynecology and Obstetrics (APGO) Annual meeting. Oral Abstract. February 28, 2024. San Antonio, TX.

Invited Presentations

- **Vachon D**, Canfield D. A High Fidelity Fourth Degree Obstetric Laceration Simulation Model. A Patient Safety, Quality, and Innovation Symposium, May 2024. San Diego, CA.

GENERAL OBSTETRICS AND GYNECOLOGY

ALVARADO, Jorge

Honors and Awards

- Faculty Scholar, UCSD Health Sciences Center of Excellence Faculty Career Development Program

DEAK, Pamela

Abstracts

- Burns C, Bakaj A, Berishaj A, Hristidis V, **Deak P**, Equils O. Use of Generative AI for Improving Health Literacy in Reproductive Health: Case Study. JMIR Form Res. 2024 Aug 6;8:e59434. doi: 10.2196/59434. PMID: 38986153; PMCID: PMC11336497.

Honors and Awards

- Castle Connolly Top Doctor 2024
- Castle Connolly Exceptional Women in Medicine 2024

DELCORE, Laura

Honors and Awards

- Exemplary Professionalism in the Clinical Learning Environment Award 2024
Award recognizing exceptional commitment to professionalism, integrity, and ethical leadership in the clinical learning environment. 'Recipients create a positive, supportive, and respectful space for learners, colleagues, and patients alike making a profound impact on the culture of the institution.'

FARRELL, MAUREEN

Invited Presentations

- Session Faculty, Designing an Advocacy Curriculum, SASGOG Annual Meeting, San Francisco, CA, May 2024.
- Session Faculty, Surgical Coaching and Feedback: Creating a Supportive Surgical Learning Environment, American Association of Gynecologic Laparoscopists (AAGL) Annual Meeting, New Orleans, LA. November 2024.

GROSS, Erin

Peer-Reviewed Research Publications

- Tai-Seale M, Baxter SL, Vaida F, Walker A, Sitapati AM, Osborne C, Diaz J, Desai N, Webb S, Polston G, Helsten T, **Gross E**, Thackaberry J, Mandvi A, Lillie D, Li S, Gin G, Achar S, Hofflich H, Sharp C, Millen M, Longhurst CA. AI-Generated Draft Replies Integrated Into Health Records and Physicians' Electronic Communication. JAMA Netw Open. 2024 Apr 1;7(4):e246565. doi: 10.1001/jamanetworkopen.2024.6565. PMID: 38619840; PMCID: PMC11019394.

KINGSTON, Jessica

Honors and Awards

- Castle Connolly Top Doctor 2024
- Castle Connolly Exceptional Women in Medicine 2024

MACAULAY, Kathryn

Invited Presentations

- “Menopausal Hormone Therapy - a "Hot" Topic for Hot Flashes.” St. Charles Medical Center. Invited Speaker. October 2024.
- “Conventional & Alternative Treatments for Menopause.” BronxCare Health System OB/GYN Grand Rounds Invited Speaker. November 2024.

Honors and Awards

- Castle Connolly Top Doctor 2024
- Castle Connolly Exceptional Women in Medicine 2024

MCKINNEY, Sara

Abstracts

- Amanda Farrell MD, Aletheia Millien MD, **Sara McKinney MD**, Mallika Anand MD. A technique for vulvar adhesiolysis for patients with lichen sclerosus. To be presented as a video poster presentation at the American Urogynecologic Society (AUGS) Pelvic Floor Dysfunction Week Program. Washington, DC. October 22-24, 2024.

Invited Presentations

- Harvard Medical School Female Sexual Wellness Course, April 2024, two virtual presentations on Vulvodynia and Vulvar Dermatoses.

MEADOWS, Audra

Peer-Reviewed Research Publications

- Patel SJ, Truong S, DeAndrade S, Jacober J, Medina M, Diouf K, **Meadows A**, Nour N, Schantz-Dunn J. *Respectful Maternity Care in the United States—Characterizing Inequities Experienced by Birthing People*. *Matern Child Health J* 28, 1133–1147 (2024). <https://doi.org/10.1007/s10995-023-03893-0>

Review Articles and Book Chapters (Peer-reviewed)

- Diop H, Declercq ER, Liu CL, Cui X, Amutah-Onukagha N, **Meadows AR**, Cabral HJ. *Leveraging a Longitudinally Linked Dataset to Assess Recurrence of Severe Maternal Morbidity*. *Women's Health Issues*, Volume 34, Issue 5, 498 – 505.

Invited Presentations

- “Unveiling a Blueprint for Health Systems to Advance Maternal Equity.” Washington University, Department of Obstetrics & Gynecology Grand Rounds Invited Speaker. November 2024.

MESINA, Omar

Abstracts

- Rogerson, D., Diaz-Luevano, C., **Mesina, O.** “Feasibility of implementing a standardized preeclampsia risk screening tool into the electronic medical record” Abstract accepted for oral presentation to 2025 Society for Reproductive Investigation Meeting Charlotte, North Carolina.
- Rogerson, D., Jacobs, M., **Mesina, O.** “Low dose aspirin for preeclampsia risk reduction: Do patients actually take it?” Abstract accepted to 2025 Society for Maternal Fetal Medicine Pregnancy Meeting Denver, Colorado Feb 1, 2025.
- **Mesina, O.**, Keverline, K., Rupp, A., Smith, M., Reyes, S., Burnett, L. “Referral Patterns and Attendance to a Peripartum Pelvic Floor Disorder Clinic” 2024 American Urogynecologic Society Meeting Washington, DC October 22, 2024.
- **Mesina, O.**, Keverline, K., Lukacz, E., Burnett, L., Santiago-Lastra, Y. “Correlation Between Urodynamic Evaluation and MESA Incontinence Questionnaire in Classifying the Type of Urinary Incontinence in Spanish Speaking Women at a Single Institution.” 2024 Society of Urodynamics, Female Pelvic Medicine & Urogenital Reconstruction Winter Meeting Fort Lauderdale, FL.
- **Mesina, O.**, Applegarth, C., Buckner, E., Rupp, A., Pinson, K., Tarsa, M. “Differences in LDASA initiation for preeclampsia prevention in at-risk pregnancies between White and non-White patients at a single institution.” 2024 Society for Maternal Fetal Medicine Pregnancy Meeting National Harbor, Maryland Feb 10, 2024.

MILLER, Christine

Honors and Awards

- Castle Connolly Top Doctor 2024
- Castle Connolly Exceptional Women in Medicine 2024

RIES, Maureen

Honors and Awards

- Scientific Program Co-Chair, ACOG Annual District Meeting (Districts 8 & 9), Oahu, Hawaii: September 2024.
- Sanford Compassionate Communication Academy Fellowship
- ACOG/CREOG National Faculty Award for Excellence in Resident Education

VARON, Shira

Peer-Reviewed Research Publications

- Allen A, Schembri M, Parvataneni R, Waetjen LE, **Varon S**, Salamat-Saber N, Tassone S, Williams N, Kho KA, Jacoby VL. Pregnancy Outcomes After Laparoscopic Radiofrequency Ablation of Uterine Leiomyomas Compared With Myomectomy. Obstet Gynecol. 2024 May 1;143(5):612-618. doi: 10.1097/AOG.0000000000005548. Epub 2024 Mar 1. PMID: 38422502.

Honors and Awards

- Castle Connolly Top Doctor 2024
- Castle Connolly Exceptional Women in Medicine 2024

GYNECOLOGIC ONCOLOGY

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Ioana Bondre, Breana Hill, Halime Meryem Soylu, Elise Wilson, Antonia Boyer, Elise Tahon, Joanna Zhang, Marjaana Ojalill, Marianne Hom-Tedla, **Ramez Eskander, Michael McHale, Steven Plaxe, Cheryl Saenz, Pratibha Binder**, Terry Harrison, **David Schlaepfer, Dwayne Stupack**. “RAS/RAF/MEK mutated high-grade serous ovarian cancer susceptible to Raf inhibition in vitro but not in vivo.” DOI: 10.1016/j.ygyno.2024.07.215 Gynecologic Oncology 190:s146-s147 Nov 2024.
- Zhang Y, Ojalill M, Boyer A, Chen XL, Tahon E, Thivolle Lioux G, Xia M, Abbas m, Soylu HM, Flieder DB, Connolly DC, Molinolo AA, McHale MT, **Stupack DG**, and **Schlaepfer DD** (2024). Nuclear focal adhesion kinase protects against cisplatin stress in ovarian carcinoma. Cancer Research Communications.

Review Articles and Book Chapters (Peer-reviewed)

- Aisagbonhi O, Ghlichloo I, Hong DS, Roma A, Fadare O, **Eskander R, Saenz C**, Fisch KM, Song W. Comprehensive next-generation sequencing identifies novel putative pathogenic or likely pathogenic germline variants in patients with concurrent tubo-ovarian and endometrial serous and endometrioid carcinomas or precursors. Gynecol Oncol. 2024 Jun 3;187:241-248. doi: 10.1016/j.ygyno.2024.05.027. Epub ahead of print. PMID: 38833993.
- **Schlaepfer DD**, Ojalill M, **Stupack DG** (2024). Focal Adhesion Kinase (FAK) Signaling: Tumor Vulnerabilities and Clinical Opportunities. J. Cell Science DOI: 10.1242/jcs.261723.
- Elise M. Wilson, **Ramez N. Eskander** and **Pratibha S. Binder**. “Recent Therapeutic Advances in Gynecologic Oncology: A Review.” Cancers 2024, 16(4),770; 13 February 2024. <https://doi.org/10.3390/cancers16040770>. (Article)

Abstracts

- Breana Hill; Ioana Bondre; H Meryem Soylu; Juliette Antoine; Xiao Lei Chen; Elise Tahon; Yichi Zhang; Marjaana Olajill; Sarah Kinkel; Terrie-Anne Cock; **Pratibha Binder**; Chris Burns; **David Schlaepfer; Michael McHale T. McHale; Dwayne G Stupack**.” Abstract B024: Maintenance therapy inhibition of ptk2 yields decreased disease in

preclinical HRP/HRD models of recurrent HGSOc.” Cancer Research 84(5_Supplement_2):b024-b024 04 Mar 2024.

- Hill BL, Bondre I, Tahon E, Soylu M, Chen Xiao Lei, Ojalil M, Zhang J, Hom-Tedla M, Wilson E, **Saenz C, Plaxe S, Eskander RN, Binder PS, McHale MT, Schlaepfer D, Stupack D**. “Focal adhesion kinase inhibition as maintenance therapy in a homologous recombination repair proficient high grade serous ovarian cancer murine model.” Annual Society of Gynecologic Oncology Meeting March 15-18th, 2024.
- Bondre IL, Hill BL, Soylu HM, Boyer A, Tahon E, Zhang Y, Ojalil M, Hom-Tedla MS, Wilson EM, **Eskander RN, McHale MT, Plaxe SC, Saenz CC, Binder PS**, Harrison TA, Schwartz MA, **Schlaepfer D, Stupack D**. “RAS/RAF/MEK mutated high grade serous ovarian cancer is susceptible to Raf inhibition in vitro but not in vivo.” Annual Society of Gynecologic Oncology meeting on March 15-18th, 2024.
- Elise M Wilson, **Ramez N Eskander, Pratibha S Binder**. “Recent Therapeutic Advances in Gynecologic Oncology: A Review.” Cancers (Basel). 2024 Feb 13;16(4):770. doi: 10.3390/cancers16040770. PMID: 38398161 PMCID: PMC10887183.

BINDER, Pratibha

Peer-Reviewed Research Publications

- Ioana Bondre, Breana Hill, Halime Meryem Soylu, Elise Wilson, Antonia Boyer, Elise Tahon, Joanna Zhang, Marjaana Ojalil, Marianne Hom-Tedla, Ramez Eskander, Michael McHale, Steven Plaxe, Cheryl Saenz, **Pratibha Binder**, Terry Harrison, David Schlaepfer, Dwayne Stupack. “RAS/RAF/MEK mutated high-grade serous ovarian cancer susceptible to Raf inhibition in vitro but not in vivo.” DOI: 10.1016/j.ygyno.2024.07.215 Gynecologic Oncology 190:s146-s147 Nov 2024.
- William Parker, Charlotte Pickett, **Pratibha Binder**. “Variables Associated With Resolution and Persistence of Ovarian Cysts.” Obstet Gynecol. 2024 Apr 1;143(4): e129.doi: 10.1097/AOG.0000000000005541. PMID: 38513248.
- Breana Hill William Parker, Charlotte Pickett, **Pratibha Binder**. “Variables Associated With Resolution and Persistence of Ovarian Cysts.” Obstet Gynecol. 2024 Apr 1;143(4): e129.doi: 10.1097/AOG.0000000000005541. PMID: 38513248.

Review Articles and Book Chapters (Peer-reviewed)

- Elise M. Wilson, Ramez N. Eskander and **Pratibha S. Binder**. “Recent Therapeutic Advances in Gynecologic Oncology: A Review.” Cancers 2024, 16(4),770; 13 February 2024. <https://doi.org/10.3390/cancers16040770>. (Article)

Abstracts

- Breana Hill; Ioana Bondre; H Meryem Soylu; Juliette Antoine; Xiao Lei Chen; Elise Tahon; Yichi Zhang; Marjaana Olajill; Sarah Kinkel; Terrie-Anne Cock; **Pratibha Binder**; Chris Burns; David Schlaepfer; Michael McHale T. McHale; Dwayne G Stupack.” Abstract B024: Maintenance therapy inhibition of ptk2 yields decreased disease in preclinical HRP/HRD models of recurrent HGSOc.” Cancer Research 84(5_Supplement_2):b024-b024 04 Mar 2024.
- Hill BL, Bondre I, Tahol E, Soylu M, Chen Xiao Lei, Ojalil M, Zhang J, Hom-Tedla M, Wilson E, Saenz C, Plaxe S, Eskander RN, **Binder PS**, McHale MT, Schlaepfer D, Stupack D. “Focal adhesion kinase inhibition as maintenance therapy in a homologous recombination repair proficient high grade serous ovarian cancer murine model.” Annual Society of Gynecologic Oncology Meeting March 15-18th, 2024.
- Bondre IL, Hill BL, Soylu HM, Boyer A, Tahon E, Zhang Y, Ojalil M, Hom-Tedla MS, Wilson EM, Eskander RN, McHale MT, Plaxe SC, Saenz CC, **Binder PS**, Harrison TA, Schwartz MA, Schlaepfer D, Stupack D. “RAS/RAF/MEK mutated high grade serous ovarian cancer is susceptible to Raf inhibition in vitro but not in vivo.” Annual Society of Gynecologic Oncology meeting on March 15-18th, 2024.
- Elise M Wilson, Ramez N Eskander, **Pratibha S Binder**. “Recent Therapeutic Advances min Gynecologic Oncology: A Review.” Cancers (Basel). 2024 Feb 13;16(4):770. doi: 10.3390/cancers16040770. PMID: 38398161 PMCID: PMC10887183.

Invited Presentations

- MD Outlook talk in Vegas: Tumor-Agnostic Treatment: Implementing HER2-Directed Therapy Approaches in Clinical Practice MDO NANO. November 11, 2024.
- UCSD Delivery Discoveries: Updates in Oncology. Moderator for Neuro-Oncology and Gynecologic Oncology session. October 17, 2024.
- Peertalk Roundtable: Regional experiences in the management of Advanced and recurrent Endometrial cancer. September 19, 2024.
- OncLive Ask The Expert: Current treatment of advanced and Recurrent endometrial cancer. June 20, 2024

- SWHS (Southwest Health Sciences) RSMC Resident Lecture: Diagnosis And Treatment of Endometrial cancer. April 23, 2024.
- Society of Gynecology Oncology Annual Meeting: Session Moderator Discussant for: Rapid Fire featured poster session IV: Optimizing Surgery, recovery and survivorship. March 18, 2024.
- Oncology Live CME Series- Therapeutic Advances in the Management of Gynecologic Malignancies. January 17, 2024.
- Neighborhood Health Lunch & Learn Ground Rounds- Updates in Treatment of Cervical Cancer. January 17, 2024.
- Curio Science: Opinions in Cervical Cancer Program Moderator in Los-Angeles. January 9, 2024.

ESKANDER, Ramez

Peer-Reviewed Research Publications

- Ioana Bondre, Breana Hill, Halime Meryem Soylu, Elise Wilson, Antonia Boyer, Elise Tahon, Joanna Zhang, Marjaana Ojalill, Marianne Hom-Tedla, **Ramez Eskander**, Michael McHale, Steven Plaxe, Cheryl Saenz, Pratibha Binder, Terry Harrison, David Schlaepfer, Dwayne Stupack. "RAS/RAF/MEK mutated high-grade serous ovarian cancer susceptible to Raf inhibition in vitro but not in vivo." DOI: 10.1016/j.ygyno.2024.07.215 Gynecologic Oncology 190:s146-s147 Nov 2024.

Review Articles and Book Chapters (Peer-reviewed)

- Expert Panel on GYN and OB Imaging: Krupa K. Patel-Lippmann, MD; Ashish P. Wasnik, MD; Esma A. Akin, MD; Rochelle F. Andreotti, MD; Susan M. Ascher, MD; Olga R. Brook, MD; **Ramez N. Eskander, MD**; Myra K. Feldman, MD; Lisa P. Jones, MD; Martin A. Martino, MD; Maitray D. Patel, MD; Michael N. Patlas, MD; Margarita A. Revzin, MD, MS; Wendaline VanBuren, MD; Catheryn M. Yashar, MD; Stella K. Kang, MD, MS. American College of Radiology (ACR) Appropriateness Criteria – Clinically Suspected Adnexal Mass, No Acute Symptoms (<https://www.acr.org/Clinical-Resources/ACR-Appropriateness-Criteria>).
- Wilson, E.M.; **Eskander, R.N.**; Binder, P.S. Recent Therapeutic Advances in Gynecologic Oncology: A Review. Cancers 2024, 16, 770. <https://doi.org/10.3390/cancers16040770>
- Bogani G, Monk BJ, Powell MA, Westin SN, Slomovitz B, Moore KN, **Eskander RN**, Raspagliesi F, Barretina-Ginesta MP, Colombo N, Mirza MR. Adding immunotherapy to first-line treatment of advanced and metastatic endometrial cancer. Ann Oncol. 2024 Feb 29:S0923-7534(24)00056-5. doi: 10.1016/j.annonc.2024.02.006. Epub ahead of print. PMID: 38431043.

- Nishizaki D, Kurzrock R, Miyashita H, Adashek JJ, Lee S, Nikanjam M, **Eskander RN**, Patel H, Botta GP, Nesline MK, Pabla S, Conroy JM, DePietro P, Sicklick JK, Kato S. Viewing the immune checkpoint VISTA: landscape and outcomes across cancers. *ESMO Open*. 2024 Mar 18;9(4):102942. doi: 10.1016/j.esmoop.2024.102942. Epub ahead of print. PMID: 38503143; PMCID: PMC10966162.
- Erickson BK, Slomovitz B, Powell M, **Eskander RN**. Top advances of the year: Uterine cancer. *Cancer*. 2024 Apr 15. doi: 10.1002/cncr.35321. Epub ahead of print. PMID: 38620054.
- Nishizaki D, **Eskander RN**. Targeted Therapies, Biologics, and Immunotherapy in the Neoadjuvant and Adjuvant Settings: Perioperative Risks. *Surg Oncol Clin N Am*. 2024 Apr;33(2):279-291. doi: 10.1016/j.soc.2023.12.002. Epub 2023 Dec 23. PMID: 38401910.
- Expert Panel on GYN and OB Imaging; Patel-Lippmann KK, Wasnik AP, Akin EA, Andreotti RF, Ascher SM, Brook OR, **Eskander RN**, Feldman MK, Jones LP, Martino MA, Patel MD, Patlas MN, Revzin MA, VanBuren W, Yashar CM, Kang SK. ACR Appropriateness Criteria® Clinically Suspected Adnexal Mass, No Acute Symptoms: 2023 Update. *J Am Coll Radiol*. 2024 Jun;21(6S):S79-S99. doi: 10.1016/j.jacr.2024.02.017. PMID: 38823957.
- Aisagbonhi O, Ghlichloo I, Hong DS, Roma A, Fadare O, **Eskander R**, Saenz C, Fisch KM, Song W. Comprehensive next-generation sequencing identifies novel putative pathogenic or likely pathogenic germline variants in patients with concurrent tubo-ovarian and endometrial serous and endometrioid carcinomas or precursors. *Gynecol Oncol*. 2024 Jun 3;187:241-248. doi: 10.1016/j.ygyno.2024.05.027. Epub ahead of print. PMID: 38833993.
- Maxwell MB, Hom-Tedla MS, Yi J, Li S, Rivera SA, Yu J, Burns MJ, McRae HM, Stevenson BT, Coakley KE, Ho J, Gastelum KB, Bell JC, Jones AC, **Eskander RN**, Dykhuizen EC, Shadel GS, Kaech SM, Hargreaves DC. ARID1A suppresses R-loop-mediated STING-type I interferon pathway activation of anti-tumor immunity. *Cell*. 2024 May 9:S0092-8674(24)00451-3. doi: 10.1016/j.cell.2024.04.025. Epub ahead of print. PMID: 38754421.
- **Eskander RN**. Revisiting immunotherapy in endometrial cancer. *Clin Adv Hematol Oncol*. 2024 Jan-Feb;22(1):28-30. PMID: 38294738.

Abstracts

- Hill BL, Bondre I, Tahol E, Soyulu M, Chen Xiao Lei, Ojalil M, Zhang J, Hom-Tedla M, Wilson E, Saenz C, Plaxe S, **Eskander RN**, Binder PS, McHale MT, Schlaepfer D, Stupack D. "Focal adhesion kinase inhibition as maintenance therapy in a homologous recombination repair proficient high grade serous ovarian cancer murine model." Annual Society of Gynecologic Oncology Meeting March 15-18th, 2024.
- Bondre IL, Hill BL, Soyulu HM, Boyer A, Tahon E, Zhang Y, Ojalil M, Hom-Tedla MS, Wilson EM, **Eskander RN**, McHale MT, Plaxe SC, Saenz CC, Binder PS, Harrison TA, Schwartz MA, Schlaepfer D, Stupack D.

“RAS/RAF/MEK mutated high grade serous ovarian cancer is susceptible to Raf inhibition in vitro but not in vivo.” Annual Society of Gynecologic Oncology meeting on March 15-18th, 2024.

- Elise M Wilson, **Ramez N Eskander**, Pratibha S Binder. “Recent Therapeutic Advances min Gynecologic Oncology: A Review.” Cancers (Basel). 2024 Feb 13;16(4):770. doi: 10.3390/cancers16040770. PMID: 38398161 PMCID: PMC10887183.

Invited Presentations

- "L'immunoterapia in pillole 2024" Invited Professorship. Updates in Endometrial Cancer – Novel Clinical Trials and Immunotherapeutic approaches. Genoa, IT. Virtual Presentation, June 2024.
- MD Anderson Cancer Center: Endometrial Cancer Board Review Faculty Presenter. Virtual Presentation July 2024.
- Immunotherapy Forum in Gynecologic Oncology. Invited Speaker and Discussant. The Evolution of Immunotherapy in Endometrial Cancer: Sequence and Science. Virtual Presentation, China. August 2024.
- Evolving Treatment Paradigms in the Management of Advanced Stage and Recurrent Endometrial Cancer. Invited Grand Rounds Faculty Presenter – Dana Farber Cancer Center. Virtual Presentation, Sept 2024.
- UC5 Faculty Discussant – Management of Recurrent Endometrial Cancer: State of the Science. UC San Diego Health, La Jolla, CA, Sept 2024.
- International Gynecologic Cancer Society (IGCS) Invited Plenary Session Discussant. Dublin, Ireland. October 2024.

Honors and Awards

- San Diego Top Doc in Obstetrics and Gynecology (2024)

MCHALE, Michael

Peer-Reviewed Research Publications

- Ioana Bondre, Breana Hill, Halime Meryem Soylu, Elise Wilson, Antonia Boyer, Elise Tahon, Joanna Zhang, Marjaana Ojalill, Marianne Hom-Tedla, Ramez Eskander, **Michael McHale**, Steven Plaxe, Cheryl Saenz, Pratibha Binder, Terry Harrison, David Schlaepfer, Dwayne Stupack. “RAS/RAF/MEK mutated high-grade serous ovarian

cancer susceptible to Raf inhibition in vitro but not in vivo.” DOI: 10.1016/j.ygyno.2024.07.215 Gynecologic Oncology 190:s146-s147 Nov 2024.

Review Articles and Book Chapters (Peer-reviewed)

- Goldhaber NH, Mehta S, Longhurst CA, Malachowski E, Jones M, Clary BM, Schaefer RL, **McHale M**, Rhodes LP, Mekeel KL, Reeves JJ. Call me Ishmael: addressing the white whale of team communication in the operating room with labelled surgical caps at an academic medical centre. BMJ Open Qual. 2024 Apr 08; 13(2 PMID: 38589054; PMCID: PMC11015231).
- **McHale MT**. New Insight in Endometriosis Subtypes and Ovarian Cancer Risk. JAMA. 2024 08 13; 332(6):460-461. PMID: 39018063.
- Liu J, Berchuck A, Backes FJ, Cohen J, Grisham R, Leath CA, Martin L, Matei D, Miller DS, Robertson S, Barroilhet L, Uppal S, Hendrickson AW, Gershenson DM, Gray HJ, Hakam A, Jain A, Konecny GE, Moroney J, Ratner E, Schorge J, Thaker PH, Werner TL, Zsiros E, Behbakht K, Chen LM, DeRosa M, Eisenhauer EL, Leiserowitz G, Litkouhi B, **McHale M**, Percac-Lima S, Rodabaugh K, Vargas R, Jones F, Kovach E, Hang L, Ramakrishnan S, Alvarez RD, Armstrong DK. NCCN Guidelines® Insights: Ovarian Cancer/Fallopian Tube Cancer/Primary Peritoneal Cancer, Version 3.2024. J Natl Compr Canc Netw. 2024 Oct; 22(8):512-519. PMID: 39413835.

Abstracts

- Hill BL, Bondre I, Tahol E, Soyulu M, Chen Xiao Lei, Ojalil M, Zhang J, Hom-Tedla M, Wilson E, Saenz C, Plaxe S, Eskander RN, Binder PS, **McHale MT**, Schlaepfer D, Stupack D. “Focal adhesion kinase inhibition as maintenance therapy in a homologous recombination repair proficient high grade serous ovarian cancer murine model.” Annual Society of Gynecologic Oncology Meeting March 15-18th, 2024. (Poster)
- Bondre IL, Hill BL, Soyulu HM, Boyer A, Tahon E, Zhang Y, Ojalil M, Hom-Tedla MS, Wilson EM, Eskander RN, **McHale MT**, Plaxe SC, Saenz CC, Binder PS, Harrison TA, Schwartz MA, Schlaepfer D, Stupack D. “RAS/RAF/MEK mutated high grade serous ovarian cancer is susceptible to Raf inhibition in vitro but not in vivo.” Annual Society of Gynecologic Oncology meeting on March 15-18th, 2024. (Poster)

Invited Presentations

- PRMC Protocol presentation phase III (HIPEC), May 2024.

- NCCN Ovarian CA Annual Meeting, October 2024.

National Leadership

- Co-Chair, Gynecologic Oncology PROLOG, American College of Obstetricians and Gynecologists (ACOG)
- Treasurer, Western Association of Gynecologic Oncology (WAGO)
- Board member, Division of Gynecologic Oncology, American Board of Obstetrics & Gynecology (ABOG)

PLAXE, Steven

Peer-Reviewed Research Publications

- Ioana Bondre, Breana Hill, Halime Meryem Soylu, Elise Wilson, Antonia Boyer, Elise Tahon, Joanna Zhang, Marjaana Ojalill, Marianne Hom-Tedla, Ramez Eskander, Michael McHale, **Steven Plaxe**, Cheryl Saenz, Pratibha Binder, Terry Harrison, David Schlaepfer, Dwayne Stupack. "RAS/RAF/MEK mutated high-grade serous ovarian cancer susceptible to Raf inhibition in vitro but not in vivo." DOI: 10.1016/j.ygyno.2024.07.215 Gynecologic Oncology 190:s146-s147 Nov 2024.
- Soliman, A., Hassan, R., Codreanu, I., **Plaxe, S. C.**, & Dasanu, C. A. (2024). Sjogren's syndrome due to immune checkpoint inhibitors (ICIs): Insights from a single-institution series and systematic review of the literature. Journal of Oncology Pharmacy Practice, 10781552241271753.
- Dasanu, Constantin A., and **Steven C. Plaxe**. "Temozolomide overcoming resistance to immune checkpoint inhibitors in relapsed/refractory metastatic melanoma? Insights from a single center series." Journal of Oncology Pharmacy Practice (2024): 10781552241302421.

Abstracts

- Hill, B., Bondre, I., Tahon, E., Soylu, H.M., Chen, X.L., Ojalill, M., Zhang, J., Hom-Tedla, M., Wilson, E., Saenz, C. and **Plaxe, S.**, 2024. Focal adhesion kinase inhibitors as maintenance therapy in a homologous recombination repair proficient high-grade serous ovarian cancer murine model. Gynecologic Oncology, 190, pp.S93-S94.
- Bondre IL, Hill BL, Soylu HM, Boyer A, Tahon E, Zhang Y, Ojalil M, Hom-Tedla MS, Wilson EM, Eskander RN, McHale MT, **Plaxe SC**, Saenz CC, Binder PS, Harrison TA, Schwartz MA, Schlaepfer D, Stupack D. "RAS/RAF/MEK mutated high grade serous ovarian cancer is susceptible to Raf inhibition in vitro but not in vivo." Annual Society of Gynecologic Oncology meeting on March 15-18th, 2024.

- Dawson, C. N., Cathcart, A., Burns, H., Jou, J., & **Plaxe, S.** (2024). Tumor risk factors are not consistently used to make postoperative radiation recommendations: A multivariate analysis. *Gynecologic Oncology*, 190, S321.

Honors and Awards

- 2024 Best Doctors in the Coachella Valley, Palm Springs Life Magazine
- Division chief American Board of Obstetrics and Gynecology, Gynecologic Oncology Division 2020-present
- Director American Board of Obstetrics and Gynecology 2020-present

SAENZ, Cheryl

Peer-Reviewed Research Publications

- Ioana Bondre, Breana Hill, Halime Meryem Soylu, Elise Wilson, Antonia Boyer, Elise Tahon, Joanna Zhang, Marjaana Ojalil, Marianne Hom-Tedla, Ramez Eskander, Michael McHale, Steven Plaxe, **Cheryl Saenz**, Pratibha Binder, Terry Harrison, David Schlaepfer, Dwayne Stupack. "RAS/RAF/MEK mutated high-grade serous ovarian cancer susceptible to Raf inhibition in vitro but not in vivo." DOI: 10.1016/j.ygyno.2024.07.215 *Gynecologic Oncology* 190:s146-s147 Nov 2024.
- Aisagbonhi O, Ghlichloo I, Hong DS, Roma A, Fadare O, Eskander R, **Saenz C**, Fisch KM, Song W. Comprehensive next-generation sequencing identifies novel putative pathogenic or likely pathogenic germline variants in patients with concurrent tubo-ovarian and endometrial serous and endometrioid carcinomas or precursors. *Gynecol Oncol*. 2024 Jun 3;187:241-248. doi: 10.1016/j.ygyno.2024.05.027. PMID: 38833993. Role: Content contributor.

Review Articles and Book Chapters (Peer-reviewed)

Abstracts

- Bondre IL, Hill BL, Soylu HM, Boyer A, Tahon E, Zhang Y, Ojalil M, Hom-Tedla MS, Wilson EM, Eskander RN, McHale MT, Plaxe SC, **Saenz CC**, Binder PS, Harrison TA, Schwartz MA, Schlaepfer D, Stupack D. "RAS/RAF/MEK mutated high grade serous ovarian cancer is susceptible to Raf inhibition in vitro but not in vivo." Annual Society of Gynecologic Oncology meeting on March 15-18th, 2024.

- Hill BL, Bondre I, Tahol E, Soylu M, Chen Xiao Lei, Ojalil M, Zhang J, Hom-Tedla M, Wilson E, **Saenz C**, Plaxe S, Eskander RN, Binder PS, McHale MT, Schlaepfer D, Stupack D. “Focal adhesion kinase inhibition as maintenance therapy in a homologous recombination repair proficient high grade serous ovarian cancer murine model.” Annual Society of Gynecologic Oncology Meeting March 15-18th, 2024. (Poster)

SCHLAEPFER, David

Peer-Reviewed Research Publications

- Holland EN, Fernández-Yagüe MA, Zhou DW, O'Neill EB, Woodfolk AU, Mora-Boza A, Fu J, **Schlaepfer DD**, García AJ. (2024). FAK, vinculin, and talin control mechanosensitive YAP nuclear localization. *Biomaterials*. Mar 20;308:122542. doi: 10.1016/j.biomaterials.2024.122542.
- Zhang Y, Ojalill M, Boyer A, Chen XL, Tahon E, Thivolle Lioux G, Xia M, Abbas m, Soylu HM, Flieger DB, Connolly DC, Molinolo AA, McHale MT, Stupack DG, and **Schlaepfer DD** (2024). Nuclear focal adhesion kinase protects against cisplatin stress in ovarian carcinoma. *Cancer Research Communications*.

Review Articles and Book Chapters (Peer-reviewed)

- **Schlaepfer DD**, Ojalill M, Stupack DG (2024). Focal Adhesion Kinase (FAK) Signaling: Tumor Vulnerabilities and Clinical Opportunities. *J. Cell Science* DOI: 10.1242/jcs.261723.

Abstracts

- Breana Hill; Ioana Bondre; H Meryem Soylu; Juliette Antoine; Xiao Lei Chen; Elise Tahon; Yichi Zhang; Marjaana Olajill; Sarah Kinkel; Terrie-Anne Cock; Pratibha Binder; Chris Burns; **David Schlaepfer**; Michael McHale T. McHale; Dwayne G Stupack.” Abstract B024: Maintenance therapy inhibition of ptk2 yields decreased disease in preclinical HRP/HRD models of recurrent HGSOc.” *Cancer Research* 84(5_Supplement_2):b024-b024 04 Mar 2024.
- Hill BL, Bondre I, Tahol E, Soylu M, Chen Xiao Lei, Ojalil M, Zhang J, Hom-Tedla M, Wilson E, Saenz C, Plaxe S, Eskander RN, Binder PS, McHale MT, **Schlaepfer D**, Stupack D. “Focal adhesion kinase inhibition as maintenance therapy in a homologous recombination repair proficient high grade serous ovarian cancer murine model.” Annual Society of Gynecologic Oncology Meeting March 15-18th, 2024.

- Bondre IL, Hill BL, Soylu HM, Boyer A, Tahon E, Zhang Y, Ojalil M, Hom-Tedla MS, Wilson EM, Eskander RN, McHale MT, Plaxe SC, Saenz CC, Binder PS, Harrison TA, Schwartz MA, **Schlaepfer D**, Stupack D. “RAS/RAF/MEK mutated high grade serous ovarian cancer is susceptible to Raf inhibition in vitro but not in vivo.” Annual Society of Gynecologic Oncology meeting on March 15-18th, 2024.

Invited Presentations

- 20th Industry / Academic Precision Oncology Symposium, La Jolla, CA, March 2024.
- UCSD, Solid Tumor Therapeutics Research Program, May 2024.
- UCSD, Department of Obstetrics & Gynecology, May 2024.
- Gordon Research Conference, Adhesion Signaling, Southern New Hampshire University, NH, July 2024.

STUPACK, Dwayne

Peer-Reviewed Research Publications

- Zhang Y, Ojalil M, Boyer A, Chen XL, Tahon E, Thivolle Lioux G, Xia M, Abbas m, Soylu HM, Flieder DB, Connolly DC, Molinolo AA, McHale MT, **Stupack DG**, and Schlaepfer DD (2024). Nuclear focal adhesion kinase protects against cisplatin stress in ovarian carcinoma. Cancer Res Commun. 2024 Dec 1;4(12):3165-3179. doi: 10.1158/2767-9764.CRC-24-0382. PMID: 39585085 Free PMC article.
- Cheng Y, Zhao Y, Liu Y, Zhang Y, Xu D, Sun W, Zhang M, Miao Y, He S, Hou Y, **Stupack D***, Li E (2024). Durable antitumor response via an oncolytic virus encoding decoy-resistant IL-18. J Immunother Cancer. 2024 Dec 4;12(12):e009716. doi: 10.1136/jitc-2024-009716. PMID: 39631848 Free PMC article. (*Corresponding Author)

Abstracts

- Breana Hill; Ioana Bondre; H Meryem Soylu; Juliette Antoine; Xiao Lei Chen; Elise Tahon; Yichi Zhang; Marjaana Olajill; Sarah Kinkel; Terrie-Anne Cock; Pratibha Binder; Chris Burns; David Schlaepfer; Michael McHale T. McHale; **Dwayne G Stupack**.” Abstract B024: Maintenance therapy inhibition of ptk2 yields decreased disease in preclinical HRP/HRD models of recurrent HGSOc.” Cancer Research 84(5_Supplement_2):b024-b024 04 Mar 2024.
- Hill BL, Bondre I, Tahol E, Soylu M, Chen Xiao Lei, Ojalil M, Zhang J, Hom-Tedla M, Wilson E, Saenz C, Plaxe S, Eskander RN, Binder PS, McHale MT, Schlaepfer D, **Stupack D**. “Focal adhesion kinase inhibition as maintenance

therapy in a homologous recombination repair proficient high grade serous ovarian cancer murine model.” Annual Society of Gynecologic Oncology Meeting March 15-18th, 2024.

- Bondre IL, Hill BL, Soyulu HM, Boyer A, Tahon E, Zhang Y, Ojalil M, Hom-Tedla MS, Wilson EM, Eskander RN, McHale MT, Plaxe SC, Saenz CC, Binder PS, Harrison TA, Schwartz MA, Schlaepfer D, **Stupack D**. “RAS/RAF/MEK mutated high grade serous ovarian cancer is susceptible to Raf inhibition in vitro but not in vivo.” Annual Society of Gynecologic Oncology meeting on March 15-18th, 2024.

Invited Presentations

- UCSD, Department of Obstetrics & Gynecology, September, 2024.
- Amplia Therapeutics, April 2024.

Honors and Awards

- 2024 Appointed Associate Director at Moores Cancer Center

HOSPITALIST

CORMANO, Julia

Peer-Reviewed Research Publications

- **Cormano J.** The Gynecologic and Obstetric Pelvic Exam. In: Goldberg C. eds. *Practical Guide to History Taking, Physical Exam, and Functioning in the Hospital and Clinic*. McGraw Hill; 2025.

Invited Presentations

- **Cormano J**, Harvey S, LaCoursiere Y. Acceptability of Obstetrics Postpartum Hemorrhage Simulation Using Virtual Reality and Mannequin-based Modalities. Association of Professors of Gynecology and Obstetrics (APGO), February 2024; San Antonio, TX.
- Alsamman S, Buckner E, **Cormano J**, Schneid S, Shankar M, Sutton A. Let's tOSCE!: A reproductive justice telehealth module for third year medical students. Workshop presented at the Association of Professors of Gynecology and Obstetrics (APGO) Annual Meeting, February 2024. San Antonio, TX.
- Course Presenter and Chair for National Course Fundamentals Critical Care Support: Obstetrics on July 26-27, 2024 at University of California, San Diego Health, UC San Diego Simulation Center with Chairs Scott A Harvey and **Julia L Cormano**. Skill Station on Cardiac Arrest in Pregnancy. Lectures: Physiologic Changes During Pregnancy and Preeclampsia/Eclampsia.

Honors and Awards

- UC San Diego School of Medicine MS3 Kaiser Excellence in Teaching Award, 2024.
- AMA Women Physician Section Inspiration Award, August 2024.
- Induction Academy of Clinician Scholars, UC San Diego, May 2024.

FRUGONI, Gina

Invited Presentations

- Pregnancy and Delivery Outcomes After Sustaining Border-Wall Related Injuries, Oral presentation Southwest Surgical Conference 2024

HARVEY, Scott

Abstracts

- Pinson K, Canfield D, **Harvey S**. Short cervix and risk of unscheduled delivery in pathologically confirmed Placenta Accreta Spectrum. Society of Maternal Fetal Medicine.

Invited Presentations

- Fundamentals of Critical Care Support: Obstetrics. Journey and Importance. Society of Critical Care Annual Congress #53, Phoenix, AZ.
- Physiology of Pregnancy, UC San Diego Health Obstetrics, Gynecology, and Reproductive Sciences, UC San Diego Health, San Diego, CA.
- Obstetric Emergencies in Critical Care, Surgical Intensive Care Unit at the Queen's Medical Center, Honolulu, Hawai'i.
- Conference lecture for Pulmonary and Critical Care Fellows and Faculty on Obstetric Emergencies for ACCM Team, UC San Diego Health, San Diego, CA.
- Conference lecture for Pulmonary and Critical Care Fellows and Faculty on ECMO in Pregnancy and Anaphylactoid Syndrome of Pregnancy, UC San Diego Health, San Diego, CA.
- Conference lecture for Anesthesia Critical Care Fellows and Faculty on Obstetric Emergencies, UC San Diego Health, San Diego, CA.

HOANG, Mai

Honors and Awards

- UCSD Sanford Institute for Empathy and Compassion, June 2024.

LACOURSIERE, Yvette

Peer-Reviewed Research Publications

- Shayna D Cunningham, Sarah Lindberg, Carol Joinson, David Shoham, Haitao Chu, Diane Newman, Neill Epperson, Linda Brubaker, Lisa Low, Deepa R Camenga, **D Yvette LaCoursiere**, Melanie Meister, Kimberly Kenton, Siobhan Sutcliffe, Alayne D Markland, Sheila Gahagan, Tamera Coyne-Beasley, Amanda Berry. Association between maternal depression and lower urinary tract symptoms in their primary school-age daughters: A birth cohort study. J Wound Ostomy Continence Nurs. 2024 Jan-Feb 01;51(1):53-60. doi: 10.1097/WON.0000000000001039. PMID: 38215298.
- Camenga DR, Brady SS, Bilger A, Klusaritz H, Lipman TH, Levin EC, Brown O, Cunningham SD, **LaCoursiere DY**, James AS, Gahagan S, Hebert-Beirne J, Low LK; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Bladder Health Knowledge, Attitudes, and Beliefs among US Adolescent Women. J Pediatr Adolesc Gynecol. 2024 Oct 5:S1083-3188(24)00299-7. doi: 10.1016/j.jpag.2024.09.008. Online ahead of print. PMID: 39374689.
- Smith AL, Falke C, Rudser KD, McGwin G, Brady SS, Brubaker L, Kenton K, **LaCoursiere DY**, Lewis CE, Low LK, Lowder JL, Lukacz ES, Mueller ER, Newman DK, Nodora J, Markland A, Putnam S, Rickey LM, Rockwood T, Simon MA, Stapleton A, Vaughan CP, Wyman JF, Sutcliffe S; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Bladder health in US women: population-based estimates from the RISE FOR HEALTH study. Am J Obstet Gynecol. 2024 Nov 7:S0002-9378(24)01116-5. doi: 10.1016/j.ajog.2024.10.044. Online ahead of print. PMID: 39521302.

SUTTON, Alice

Invited Presentations

- Alsamman S, Buckner E, Cormano J, Schneid S, Shankar M, **Sutton A**. Let's tOSCE!: A reproductive justice telehealth module for third year medical students. Workshop presented at the Association of Professors of Gynecology and Obstetrics (APGO) Annual Meeting, February 2024. San Antonio, TX.

MATERNAL-FETAL MEDICINE

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- **Jacobs MB**, Clark AE, Goldhaber NH, Valentine HD, Rivera A, Ngo T, Barber T, Holmes J, Manfredi B, Garretson AF, Bray W, Knight R, Longhurst CA, Carlin AF, De Hoff P, **Laurent LC**. Antibody levels from high-throughput variant-specific SARS-CoV-2 anti-spike IgG and ACE2 neutralization assays correlate with COVID infection risk in a large population. *The Journal of Infectious Diseases*. In press.
- Sarker M, **Ramos GA**, Ferrara L, **Gyamfi-Bannerman C**. Simplifying Management of Cholestasis: A Proposal for a Classification System. *Am J Perinatol*. 2024 Dec 24. doi: 10.1055/a-2495-3553. Epub ahead of print. PMID: 39631774.
- **Wen T**, Friedman AM, **Gyamfi-Bannerman C**, Powe CE, Sobhani NC, **Ramos GA**, Gabbe S, Landon MB, Grobman WA, Venkatesh KK. Diabetic Ketoacidosis and Adverse Outcomes Among Pregnant Individuals With Pregestational Diabetes in the United States, 2010-2020. *Obstet Gynecol*. 2024 Jul 11. doi: 10.1097/AOG.0000000000005667. Epub ahead of print. PMID: 38991217.
- 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. *Pregnancy Hypertension*. 2024 Jun 7;37:101131. doi: 10.1016/j.preghy.2024.101131. PMID: 38851168.
- Keehner J, Abeles SR, Longhurst CA, Horton LE, Myers FE, Riggs-Rodriguez L, Ahmad M, Baxter S, Boussina A, Cantrell K, Cardenas P, De Hoff P, El-Kareh R, Holland J, Ikeda D, Kurashige K, **Laurent LC**, Lucas A, Pride D, Sathe S, Tran AR, Vasylyeva TI, Yeo G, Knight R, Wertheim JO, Torriani FJ, **SEARCH Alliance [Fisch KM]**. Integrated Genomic and Social Network Analyses of SARS-CoV-2 Transmission in the Healthcare Setting. *Clinical Infectious Diseases*. 2024 May 15;78(5):1204-1213. doi: 10.1093/cid/ciad738. PubMed PMID: 38227643; PubMed Central PMCID: PMC11093679.
- Louwagie EM, Russell SR, Hairston JC, Nottman C, **Nhan-Chang CL**, Fuchs K, **Gyamfi-Bannerman C**, Booker W, Andrikopoulou M, Friedman A, Zork N, Wapner R, Vink J, Mourad M, Feltovich HM, House MD, Myers KM. Uterus and cervix anatomical changes and cervix stiffness evolution throughout pregnancy. *bioRxiv* [Preprint]. 2024 May 3:2024.05.01.592023. doi: 10.1101/2024.05.01.592023. PMID: 38746471; PMCID: PMC11092586.
- **Emeruwa UN**, Azad H, Ona S, Bejerano S, Alnafisee S, Emont J, Mathew S, Batlle M, Arnold D, Ukoha EP, **Laurent LC, Jacobs M**, Aubey JJ, Miller RS, **Gyamfi-Bannerman C**. Lasix for the prevention of de novo

postpartum hypertension: A randomized placebo-controlled trial (LAPP Trial). *Am J Obstet Gynecol*. 2024 Apr 17:S0002-9378(24)00522-2. doi: 10.1016/j.ajog.2024.04.016. Epub ahead of print. PMID: 38641089.

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- Pham D, Lomeli A, Goldhaber NH, Valentine HD, Knight R, Longhurst CA, **Laurent LC, Jacobs MB**. Longitudinal assessment of the impact of COVID-19 infection on mask-wearing behaviors. *BMC Public Health*. 2024; 24(1):2230. [PMID: 39152377; PMCID: 11328381]
- Lindley KJ, Perry A, **Jacobs M**, Petty L, Amancherla K, Zhao S, Barker C, Davila-Roman VG, Khan SS, Osmundson SS, Tanriverdi K, Freedman JE, Below J, Shah RV, **Laurent LC**. Differences in cardiometabolic proteins in pregnancy prioritize relevant targets of preeclampsia. *Arteriosclerosis, Thrombosis, and Vascular Biology*. 2024; 44(4): 969-975. [PMID: 38385288]
- Goldhaber NH, **Jacobs MB, Laurent LC**, Knight R, Zhu W, Pham D, Tran A, Patel SP, Hogarth M, Longhurst CA. Integrating clinical research into electronic health record workflows to support a learning health system. *JAIMIA Open*. 2024; 7(2). [PMID: 38751411; PMCID: 11095974]
- Aisagbonhi O, Bui T, St. Louis H, Pizzo D, Meads M, Mulholland M, Morey R, Magallanes C, **Lamale-Smith LM, Laurent LC, Jacobs MB, Fisch KM**, Horii M. RNA sequencing identifies human placental IL3RA as a potential predictor of adverse cardiovascular outcomes in patients with severe preeclampsia. medRxiv preprint doi: <https://doi.org/10.1101/2023.06.16.232915>

Abstracts

- Louwagie, E, Russell, S, Hairston, JC, **Nhan-Chang, CL**, Fuchs, K, **Gyamfi-Bannerman, C**. 1066: Serial measurements of ultrasonic dimensions of gravid maternal anatomy and aspirated cervical stiffness. *Am J Obstet Gynecol* 2024; 230(suppl): S560.
- Mims Jr, JR, Gabby, LC, Roberts, E, **Ramos, GA, Gyamfi-Bannerman, C**. Effect of low-dose aspirin on preterm prelabor rupture of membranes in low-risk nulliparous women. *Am J Obstet Gynecol* 2024; 230(suppl1): S288-S289.
- Passel, C., Moni, S., Zork, N., Brubaker, S., Vink, J., Fuchs, K., **Nhan-Chang, CL.**, Ananth, C. V., & **Gyamfi-Bannerman, C.** (2024). The effect of intramuscular progesterone on the rate of cervical shortening. *American Journal of Obstetrics & Gynecology*, 209(3), 269.e1-269.e7.

- Koenig JB, Pinson KA, **Ballas J, Ramos GA**. Effect of maternal body mass index on neonatal outcomes in twin pregnancies. Society for Reproductive Investigation Annual Meeting 2024. Vancouver, Canada.
- Mason, C., Lindsay-Hewett, C., Stanley, V., Jacobs, M., Rakow-Penner, R., Rodriguez-Soto, A., Nasamran, C., Flynn, W., Courtois, E., Sivajothi, S., Soncin, F., Robson, P., Parast, M., **Laurent, L., Fisch, K.** 2024. Enrichment of rare cell populations in human term placenta reveals ligand-receptor pairs required for normal placentation. Society for Reproductive Investigation 71th Annual Scientific Meeting, Vancouver, B.C. (*poster presentation*)
- Hernandez, F., Chavez, H., Goemans, S., Krakosyan, Y., Diaz Luevano, C., Canfield, D., **Laurent, L., Jacobs, M., Woelkers, D., Tarsa, M., Gyamfi-Bannerman, C., Fisch, K.** 20204. Aspirin resistance in pregnancy is associated with reduced Interleukin-2 concentrations in maternal serum. Society for Reproductive Investigation 71th Annual Scientific Meeting, Vancouver, B.C. (*poster presentation*)

BALLAS, Jerasimos

Abstracts

- Koenig JB, Pinson KA, **Ballas J, Ramos GA**. Effect of maternal body mass index on neonatal outcomes in twin pregnancies. Society for Reproductive Investigation Annual Meeting 2024. Vancouver, Canada.

Invited Presentations

- Grand Rounds Speaker, University of Missouri – Kansas City, Virtual, May 30, 2024. The Full Spectrum of Diagnosing and Treating Placenta Accreta Spectrum (PAS).

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. Lasix for the prevention of de novo postpartum hypertension: A randomized placebo-controlled trial (LAPP Trial). American Journal of Obstetrics and Gynecology. 2024 Apr 18.

Invited Presentations

- “The US maternal mortality crisis and the state of Black maternal health”
Emeruwa, UN (Speaker)
America’s Essential Hospitals, Government Relations Academy
San Diego, CA 06/2024
- “Hypertensive disorders of pregnancy: Identifying windows of opportunity”
Emeruwa, UN (Speaker)
Pennsylvania Association of Community Health Centers, Maternal Self-Measured Blood Pressure Monitoring
Learning Collaborative Wormleysburg, PA 02/2024

FISCH, Kathleen

Peer-Reviewed Research Publications

- Park BH, Macias AA, **Fisch KM**, Simpson S, Chen J, Gabriel RA. The Association of Social Determinants of Health With Reported Daily Pain Scores Among Patients With a History of Chronic Pain Using the "All of Us" Research Program. **Anesthesia & Analgesia**. 2024 Dec 11;. doi: 10.1213/ANE.0000000000007211. [Epub ahead of print] PubMed PMID: 39661558. *Contribution: Investigation, Writing – review & editing.*
- 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. **Pregnancy Hypertension**. 2024 Jun 7;37:101131. doi: 10.1016/j.preghy.2024.101131. PMID: 38851168 *Contribution: Corresponding Author, Conceptualization, Data Curation, Formal Analysis, Investigation, Methodology, Project Administration, Software, Visualization, Writing – original draft, Writing – review & editing.*
- Leroux A, Crainiceanu C, Zeger S, Taub M, Ansari B, Wager TD, Bayman E, Coffey C, Langefeld C, McCarthy R, Tsodikov A, Brummet C, Clauw DJ, Edwards RR, Lindquist MA, **A2CPS Consortium**. Statistical modeling of acute and chronic pain patient-reported outcomes obtained from ecological momentary assessment. **Pain**. 2024 Sep 1;165(9):1955-1965. doi: 10.1097/j.pain.0000000000003214. Epub 2024 May 7. PubMed PMID: 38718196; NIHMSID:NIHMS1965416. *Contribution: A2CPS consortium.*
- Huang M, Mark A, Pham J, Vera K, Saravia-Butler AM, Beheshti A, Jiang Q, **Fisch KM**. RNA editing regulates host immune response and T cell homeostasis in SARS-CoV-2 infection. **PLoS One**. 2024;19(8):e0307450. doi: 10.1371/journal.pone.0307450. eCollection 2024. PubMed PMID: 39178184; PubMed Central PMCID: PMC11343423. *Contribution: Corresponding Author, Conceptualization, Data Curation, Formal Analysis,*

Investigation, Methodology, Project Administration, Software, Visualization, Writing – original draft, Writing – review & editing.

- Aisagbonhi O, Ghlichloo I, Hong DS, Roma A, Fadare O, Eskander R, Saenz C, **Fisch KM**, Song W. Comprehensive next-generation sequencing identifies novel putative pathogenic or likely pathogenic germline variants in patients with concurrent tubo-ovarian and endometrial serous and endometrioid carcinomas or precursors. **Gynecologic Oncology**. 2024 Jun 3;187:241-248. doi: 10.1016/j.ygyno.2024.05.027. PMID: 38833993. *Contribution: Formal Analysis, Methodology, Investigation, Writing – review & editing.*
- Ruoss S, Nasamran CA, Ball ST, Chen JL, Halter KN, Bruno KA, Whisenant TC, Parekh JN, Dorn SN, Esparza MC, Bremner SN, **Fisch KM**, Engler AJ, Ward SR. Comparative single-cell transcriptional and proteomic atlas of clinical-grade injectable mesenchymal source tissues. **Science Advances**. 2024 Jul 12;10(28):eadn2831. doi: 10.1126/sciadv.adn2831. Epub 2024 Jul 12. PubMed PMID: 38996032; PubMed Central PMCID: PMC11244553. *Contribution: Formal Analysis, Methodology, Supervision, Investigation, Writing – review & editing.*
- Shepard RM, Ghebremedhin A, Pratumchai I, Robinson SR, Betts C, Hu J, Sasik R, **Fisch KM**, Zak J, Chen H, Paradise M, Rivera J, Amjad M, Uchiyama S, Seo H, Campos AD, Dayao DA, Tzipori S, Piedra-Mora C, Das S, Hasteh F, Russo H, Sun X, Xu L, E Alexander LC, Duran JM, Odish M, Pretorius V, Kirchberger NC, Chin SM, Von Schalscha T, Cheresh D, Morrey JD, Alargova R, O'Connell B, Martinot TA, Patel SP, Nizet V, Martinot AJ, Coussens LM, Teijaro JR, Varner JA. PI3Ky inhibition circumvents inflammation and vascular leak in SARS-CoV-2 and other infections. **Science Translational Medicine**. 2024 Jul 3;16(754):eadi6887. doi: 10.1126/scitranslmed.adi6887. Epub 2024 Jul 3. PubMed PMID: 38959328. *Contribution: Formal Analysis, Methodology, Supervision, Investigation, Writing – review & editing.*
- **Fisch KM**, Rosenthal SB, Mark A, Sasik R, Nasamran CA, Clifford R, Derebery MJ, Boussaty E, Jepsen K, Harris J, Friedman RA. The genomic landscape of Ménière's disease: a path to endolymphatic hydrops. **BMC Genomics**. 2024 Jun 28;25(1):646. doi: 10.1186/s12864-024-10552-3. PubMed PMID: 38943082; PubMed Central PMCID: PMC11212243. *Contribution: Co-Corresponding Author, Conceptualization, Data Curation, Formal Analysis, Investigation, Methodology, Project Administration, Supervision, Software, Visualization, Writing – original draft, Writing – review & editing.*
- Keehner J, Abeles SR, Longhurst CA, Horton LE, Myers FE, Riggs-Rodriguez L, Ahmad M, Baxter S, Boussina A, Cantrell K, Cardenas P, De Hoff P, El-Kareh R, Holland J, Ikeda D, Kurashige K, Laurent LC, Lucas A, Pride D, Sathe S, Tran AR, Vasylyeva TI, Yeo G, Knight R, Wertheim JO, Torriani FJ, **SEARCH Alliance**. Integrated Genomic and Social Network Analyses of SARS-CoV-2 Transmission in the Healthcare Setting. **Clinical Infectious Diseases**. 2024 May 15;78(5):1204-1213. doi: 10.1093/cid/ciad738. PubMed PMID: 38227643; PubMed Central PMCID: PMC11093679. *Contribution: Methodology, Supervision.*

- Lin ET, Bae Y, Birkett R, Sharma AM, Zhang R, **Fisch KM**, Funk W, Mestan KK. Cord Blood Adductomics Reveals Oxidative Stress Exposure Pathways of Bronchopulmonary Dysplasia. **Antioxidants** (Basel). 2024 Apr 20;13(4). doi: 10.3390/antiox13040494. PubMed PMID: 38671941; PubMed Central PMCID: PMC11047351. *Contribution: Formal Analysis, Methodology, Investigation, 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**. Int J Cancer. 2024 Apr 15;154(8):1492-1503. doi: 10.1002/ijc.34790. Epub 2023 Nov 16. PubMed PMID: 37971144. *Contribution: Formal Analysis, Methodology, Investigation, Supervision, Writing – review & editing.*
- Gabby LC, Jones CK, McIntyre BB, Manalo Z, Meads M, Pizzo DP, Diaz-Vigil J, Soncin F, **Fisch KM**, Ramos GA, Jacobs MB, Parast MM. Chronic villitis as a distinctive feature of placental injury in maternal SARS-CoV-2 infection. **American Journal of Obstetrics & Gynecology**. 2024 Apr 3;. doi: 10.1016/j.ajog.2024.04.002. PMID: 38580043. *Contribution: Formal Analysis, Investigation, Methodology, 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**. 2024 Mar;627(8002):196-203. doi: 10.1038/s41586-024-07086-9. PubMed PMID: 38355805. **Co-corresponding authors. Contribution: Co-Corresponding Author, Conceptualization, Data Curation, Formal Analysis, Investigation, Methodology, Project Administration, Software, Visualization, 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. **Cell Reports**. 2024 Feb 27; 43(2):113704. PMID: 38265938 *Contribution: Formal Analysis, Data Curation, Methodology, Supervision, Writing – review & editing.*

Abstracts

- Chavez, H., Barba, C., Guo, N., Huang, M., Robertson, R., Zhang, E., Calambur, A., Mason, C., Nelson, K., Meads, M., Aisagbonhi, O., Parast, M., Horii, M., **Fisch, K.** 2024. Placental dysfunction is associated with rare damaging variants in the stem cell differentiation pathway. American Society for Human Genetics Annual Meeting, Denver, CO. (*poster presentation*)
- Robertson, R., Zhang, E., Mason, C., Chavez, H., Huang, M., **Fisch, K.** 2024. Unraveling the mutational landscape of placenta accreta spectrum disorder. American Society for Human Genetics Annual Meeting, Denver, CO. (*poster presentation*)

- Huang, M., Horii, M., Jiang, Q., **Fisch, K.** 2024. Differential RNA editing in the placenta identifies genes relevant to preterm birth. American Society for Human Genetics Annual Meeting, Denver, CO. (*poster presentation*)
- Sasik, R., Nasamran, C., Chilin-Fuentes, D., Whisenant, T., Rosenthal, S.B., **Fisch, K.** 2024. Clinicogenomics data guide targeted cancer therapies for improved clinical outcomes. American Society for Human Genetics Annual Meeting, Denver, CO. (*poster presentation*)
- Mason, C., Lindsay-Hewett, C., Stanley, V., Jacobs, M., Rakow-Penner, R., Rodriguez-Soto, A., Nasamran, C., Flynn, W., Courtois, E., Sivajothi, S., Soncin, F., Robson, P., Parast, M., Laurent, L., **Fisch, K.** 2024. Enrichment of rare cell populations in human term placenta reveals ligand-receptor pairs required for normal placentation. Society for Reproductive Investigation 71th Annual Scientific Meeting, Vancouver, B.C. (*poster presentation*)
- Hernandez, F., Chavez, H., Goemans, S., Krakosyan, Y., Diaz Luevano, C., Canfield, D., Laurent, L., Jacobs, M., Woelkers, D., Tarsa, M., Gyamfi-Bannerman, C., **Fisch, K.** 2024. Aspirin resistance in pregnancy is associated with reduced Interleukin-2 concentrations in maternal serum. Society for Reproductive Investigation 71th Annual Scientific Meeting, Vancouver, B.C. (*poster presentation*)

Invited Presentations

- **Fisch, K.** “Drivers of Trophoblast Genomic Instability Underlying Placental Dysfunction.” December 4, 2024. UC San Diego Center for Perinatal Discovery Monthly Seminar Series. La Jolla, CA.
- **Fisch, K.** “Leveraging Multi-Omics Technologies to Interrogate Placental Dysfunction.” September 11, 2024. UC San Diego Department of Obstetrics, Gynecology & Reproductive Sciences Research Retreat. La Jolla, CA.
- **Fisch, K.** “Leveraging ARMOR Real-World Clinical Genetics Data to Advance Biological Discovery.” May 8, 2024. UCSD Moores Cancer Center Cancer Genomics Cross-Laboratory Meeting, La Jolla, CA.

GYAMFI-BANNERMAN, Cynthia

Peer-Reviewed Research Publications

- Hackney, D. N., Yee, L. M., Hughes, B. L., **Gyamfi-Bannerman, C.**, & Spong, C. Y. (2024, November 15). Pregnant people can freely make decisions about participation in clinical research. Health Affairs. <https://doi.org/10.1377/forefront.20241114.419371>.
- Sarker M, Ramos GA, Ferrara L, **Gyamfi-Bannerman C.** Simplifying Management of Cholestasis: A Proposal for a Classification System. Am J Perinatol. 2024 Dec 24. doi: 10.1055/a-2495-3553. Epub ahead of print. PMID: 39631774.

- Gulersen M, **Gyamfi-Bannerman C**. What is the evidence? Updates in the use of antenatal corticosteroids for patients at risk of preterm birth. *Eur J Obstet Gynecol Reprod Biol X*. 2024 Nov 13;24:100352. doi: 10.1016/j.eurox.2024.100352. PMID: 39624829; PMCID: PMC11609463.
- Clapp MA, Li S, Cohen JL, **Gyamfi-Bannerman C**, Knudsen AB, Lorch SA, Thaweethai T, Wright JD, Kaimal AJ, Melamed A. Betamethasone Exposure and Neonatal Respiratory Morbidity Among Late Preterm Births by Planned Mode of Delivery and Gestational Age. *Obstet Gynecol*. 2024 Oct 10. doi: 10.1097/AOG.0000000000005756. Epub ahead of print. PMID: 39388700.
- Basu S, Običan SG, Bertaggia E, Staab H, Izquierdo MC, **Gyamfi-Bannerman C**, Haeusler RA. Unresolved alterations in bile acid composition and dyslipidemia in maternal and cord blood after ursodeoxycholic acid treatment for intrahepatic cholestasis of pregnancy. *medRxiv [Preprint]*. 2024 Aug 21:2024.08.21.24312246. doi: 10.1101/2024.08.21.24312246. PMID: 39228704; PMCID: PMC11370516.
- Wen T, Friedman AM, **Gyamfi-Bannerman C**, Powe CE, Sobhani NC, Ramos GA, Gabbe S, Landon MB, Grobman WA, Venkatesh KK. Diabetic Ketoacidosis and Adverse Outcomes Among Pregnant Individuals With Pregestational Diabetes in the United States, 2010-2020. *Obstet Gynecol*. 2024 Jul 11. doi: 10.1097/AOG.0000000000005667. Epub ahead of print. PMID: 38991217.
- Ma'ayeh M, de Voest JA, Hughes BL, Grobman WA, Saade GR, Manuck TA, Longo M, Simhan HN, Rouse DJ, Mendez-Figueroa H, **Gyamfi-Bannerman C**, Bailit JL, Costantine MM, Sehdev HM, Tita ATN, Metz TD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units (MFMU) Network. Association Between Influenza Vaccination and SARS-CoV-2 Infection. *Am J Reprod Immunol*. 2024 Jul;92(1):e13896. doi: 10.1111/aji.13896. PMID: 38994889.
- Abdelwahab M, Voest JA, Metz TD, Hughes BL, Grobman WA, Saade GR, Manuck TA, Longo M, Simhan HN, Rouse DJ, Mendez-Figueroa H, **Gyamfi-Bannerman C**, Bailit JL, Costantine MM, Sehdev HM, Tita ATN; Eunice Kennedy Shriver National Institute of Child Health Human Development Maternal-Fetal Medicine Units Network, Bethesda, MD, United States. Gestational Weight Gain and Neonatal Biometry during the COVID-19 Pandemic: A Multicenter Observational Cohort. *Am J Perinatol*. 2024 Jun 24. doi: 10.1055/a-2335-2480. Epub ahead of print. PMID: 38810962.
- Clapp MA, Cohen JL, **Gyamfi-Bannerman C**, Kaimal AJ, Lorch SA, Wright JD, Melamed A. Sociodemographic Factors Associated with Antenatal Steroid Use among Late Preterm Births. *Am J Obstet Gynecol MFM*. 2024 Jun 11:101397. doi: 10.1016/j.ajogmf.2024.101397. Epub ahead of print. PMID: 38871293.
- Hernandez F, Chavez H, Goemans SL, Kirakosyan Y, Luevano CD, Canfield D, Laurent LC, Jacobs M, Woelkers D, Tarsa M, **Gyamfi-Bannerman C**, Fisch KM. Aspirin resistance in pregnancy is associated with reduced interleukin-2 (IL-2) concentrations in maternal serum: Implications for aspirin prophylaxis for preeclampsia.

Pregnancy Hypertens. 2024 Jun 7;37:101131. doi: 10.1016/j.preghy.2024.101131. Epub ahead of print. PMID: 38851168.

- Sandoval GJ, Metz TD, Grobman WA, Manuck TA, Hughes BL, Saade GR, Longo M, Simhan HN, Rouse DJ, Mendez-Figueroa H, **Gyamfi-Bannerman C**, Ranzini AC, Costantine MM, Sehdev HM, Tita ATN; Eunice Kennedy Shriver National Institute of Child Health Human Development Maternal-Fetal Medicine Units Network, Bethesda, MD. Prediction of COVID-19 Severity at Delivery after Asymptomatic or Mild COVID-19 during Pregnancy. *Am J Perinatol.* 2024 May 10. doi: 10.1055/s-0044-1786868. Epub ahead of print. PMID: 38729164.
- Louwagie EM, Russell SR, Hairston JC, Nottman C, Nhan-Chang CL, Fuchs K, **Gyamfi-Bannerman C**, Booker W, Andrikopoulou M, Friedman A, Zork N, Wapner R, Vink J, Mourad M, Feltovich HM, House MD, Myers KM. Uterus and cervix anatomical changes and cervix stiffness evolution throughout pregnancy. *bioRxiv* [Preprint]. 2024 May 3:2024.05.01.592023. doi: 10.1101/2024.05.01.592023. PMID: 38746471; PMCID: PMC11092586.
- **Gyamfi-Bannerman C**, Clifton RG, Tita ATN, Blackwell SC, Longo M, de Voest JA, O'Shea TM, Bousleiman SZ, Ortiz F, Rouse DJ, Metz TD, Saade GR, Rood KM, Heyborne KD, Thorp JM Jr, Swamy GK, Grobman WA, Gibson KS, El-Sayed YY, Macones GA; Eunice Kennedy Shriver Maternal-Fetal Medicine Units Network. Neurodevelopmental Outcomes After Late Preterm Antenatal Corticosteroids: The ALPS Follow-Up Study. *JAMA.* 2024 Apr 24:e244303. doi: 10.1001/jama.2024.4303. Epub ahead of print. PMID: 38656759; PMCID: PMC11044009.
- **Gyamfi-Bannerman C**. Antenatal Late Preterm Steroids: The Evolution of the ALPS Trial. *Clin Obstet Gynecol.* 2024 Jun 1;67(2):399-410. doi: 10.1097/GRF.0000000000000865. Epub 2024 Apr 29. PMID: 38688083; PMCID: PMC11068095.
- Emeruwa UN, Azad H, Ona S, Bejerano S, Alnafisee S, Emont J, Mathew S, Battle M, Arnold D, Ukoha EP, Laurent LC, Jacobs M, Aubey JJ, Miller RS, **Gyamfi-Bannerman C**. Lasix for the prevention of de novo postpartum hypertension: A randomized placebo-controlled trial (LAPP Trial). *Am J Obstet Gynecol.* 2024 Apr 17:S0002-9378(24)00522-2. doi: 10.1016/j.ajog.2024.04.016. Epub ahead of print. PMID: 38641089.
- Ing C, Silber JH, Lackraj D, Olfson M, Miles C, Reiter JG, Jain S, Chihuri S, Guo L, **Gyamfi-Bannerman C**, Wall M, Li G. Behavioural disorders after prenatal exposure to anaesthesia for maternal surgery. *Br J Anaesth.* 2024 Feb 28:S0007-0912(24)00045-X. doi: 10.1016/j.bja.2024.01.025. Epub ahead of print. PMID: 38423824.
- Bruno AM, Sandoval GJ, Hughes BL, Grobman WA, Saade GR, Manuck TA, Longo M, Metz TD, Simhan HN, Rouse DJ, Mendez-Figueroa H, **Gyamfi-Bannerman C**, Bailit JL, Costantine MM, Sehdev HM, Tita ATN; Eunice Kennedy Shriver National Institute of Child Health and Human Development Maternal-Fetal Medicine Units Network, Bethesda, MD. Postpartum pharmacologic thromboprophylaxis and complications in a US cohort. *Am J Obstet Gynecol.* 2024 Feb 8:S0002-9378(23)00815-3. doi: 10.1016/j.ajog.2023.11.013. Epub ahead of print. PMID: 38346912.

- Kern-Goldberger AR, Madden N, Baptiste C, Friedman A, **Gyamfi-Bannerman C**. Maternal and Neonatal Morbidities by Race in College-Educated Women. *AJP Rep*. 2024 Jan 29;14(1):e57-e61. doi: 10.1055/s-0043-1778000. PMID: 38288160; PMCID: PMC10824592.
- Freret TS, Cohen JL, **Gyamfi-Bannerman C**, Kaimal AJ, Lorch SA, Wright JD, Melamed A, Clapp MA. Regional Variation in Antenatal Late Preterm Steroid Use Following the ALPS Trial. *JAMA Netw Open*. 2024 Jan 2;7(1):e2350830. doi: 10.1001/jamanetworkopen.2023.50830. PMID: 38194234; PMCID: PMC10777258.

Review Articles and Book Chapters (Peer-reviewed)

- **Gyamfi-Bannerman C**. From Mentee to Leader-Thoughts From an Immigrant. *Clin Obstet Gynecol*. 2024 Apr 8. doi: 10.1097/GRF.0000000000000868. Epub ahead of print. PMID: 38587003.

Abstracts

- Canfield, D, **Gyamfi-Bannerman, C**. (2024) Labor agency and maternal mental health at one year postpartum. SRI 2024 Annual Meeting, Vancouver, CAN.
- Koenig, J, Levy, B, Poorman, G. W., Boswell, B, Fairbrothers, D, Ach, C, **Gyamfi-Bannerman, C**. (2024) Low dose aspirin to prevent recurrent preterm birth. SRI 2024 Annual Meeting, Vancouver, CAN.
- Koenig, J, Rogerson, D, Sarker, M, **Gyamfi-Bannerman, C**. (2024) Maternal and neonatal outcomes in patients with epilepsy at risk of preterm delivery. SRI 2024 Annual Meeting, Vancouver, CAN.
- **Gyamfi-Bannerman, C**. 19: Neonatal hypoglycemia in pregnancies at risk for late preterm birth: Childhood neurodevelopmental outcomes. *Am J Obstet Gynecol* 2024; 230(suppl): S16.
- Louwagie, E, Russell, S, Hairston, JC, Nhan Chang, CL, Fuchs, K, **Gyamfi-Bannerman, C**. 1066: Serial measurements of ultrasonic dimensions of gravid maternal anatomy and aspirated cervical stiffness. *Am J Obstet Gynecol* 2024; 230(suppl): S560.
- Clapp, MA, **Gyamfi-Bannerman, C**, Kaimal, AJ, Cohen, J, Lorch, S, Wright, JD. 413: Differential exposure to antenatal steroids by sociodemographic factors among late preterm births. *Am J Obstet Gynecol* 2024; 230(suppl): S228-S229.
- Clapp, MA, Cohen, J, **Gyamfi-Bannerman, C**, Kaimal, AJ, Lorch, S, Wright, JD. 414: County-level antenatal steroid exposure among late preterm births, 2016-2021. *Am J Obstet Gynecol* 2024; 230(suppl1): S229.
- Mims Jr, JR, Gabby, LC, Roberts, E, Ramos, GA, **Gyamfi-Bannerman, C**. Effect of low-dose aspirin on preterm prelabor rupture of membranes in low-risk nulliparous women. *Am J Obstet Gynecol* 2024; 230(suppl1): S288-S289.

- Manuck, T. A., **Gyamfi-Bannerman, C.**, & Saade, G. (2024). What now? A critical evaluation of over 20 years of clinical and research experience with 17-alpha hydroxyprogesterone caproate for recurrent preterm birth prevention. *American Journal of Obstetrics & Gynecology*, 5(10).
- Passel, C., Moni, S., Zork, N., Brubaker, S., Vink, J., Fuchs, K., Nhan-Chang, C.-L., Ananth, C. V., & **Gyamfi-Bannerman, C.** (2024). The effect of intramuscular progesterone on the rate of cervical shortening. *American Journal of Obstetrics & Gynecology*, 209(3), 269.e1-269.e7.
- **Gyamfi-Bannerman, C.** 701: Hypertensive disorders of pregnancy and childhood growth. *Am J Obstet Gynecol* 2024; 230(suppl1): S375-S376.
- Clapp, MA, **Gyamfi-Bannerman, C.**, Kaimal, AJ, Cohen, J, Lorch, S, Wright, JD. 815: Treatment effect heterogeneity of antenatal steroids among late preterm births. *Am J Obstet Gynecol* 2024; 230(suppl1): S433-S434.

Invited Presentations

- Invited Speaker and Moderator, 2024 SMFM Global Congress, “Debate: ALPS vs European Perspective”, Rome, Italy, Sep 28, 2024.
- Invited Speaker, The Pregnancy Summit 2nd Edition, “Prevention of preterm birth: Where do we stand?”, “Antenatal corticosteroids: what’s new in 2024?”, “Management of preterm premature rupture of membranes”, Dubai, UAE, May 4-5, 2024.
- Invited Panelist, PREBIC Satellite Symposium, “How to improve basic science and translational research to reduce the risk of preterm birth?”, Vancouver, Canada, March 13, 2024
- Invited Speaker, Department of Medicine Grand Rounds, “A Review of the State of Preterm Birth”, San Diego, CA, Nov 20, 2024.
- Invited Speaker, UCSD MFM Fellow Didactics, “Power and Sample Size”, San Diego, CA, Oct 30, 2024.
- Invited Speaker and Panelist, NIH Global Implementation Science Approaches to Improve Maternal Health, Lung, Blood, and Sleep Health Outcomes Workshop, “Prior Preterm Birth and Effects on Cardiovascular Health”, Webinar: Sep 16, 2024.
- Invited Panelist, Society of OB/GYN Hospitalists Annual Clinical Meeting, “Coming Together as a Team”, Denver, CO, Sep 9, 2024.
- Invited Speaker, HWSPH Public Health Grand Rounds, “My Journey in the Study of Antenatal Corticosteroids”, Webinar: June 21, 2024.
- Invited Speaker, UCSD OBGYN Resident Lecture, “Preterm Birth”, San Diego, CA, June 12, 2024.
- Invited Speaker, ACOG Annual Clinical and Scientific Meeting, “Preterm Birth”, San Francisco, CA, May 18, 2024.

- Invited Speaker, UCSD Black Maternal Health Week Living Library, “UCSD Health Clinical Research”, San Diego, CA, April 11, 2024.
- Invited Speaker, 2024 SMFM Annual Pregnancy Meeting, “Cesarean Scar Pregnancy- Definitions, Epidemiology, Pathogenesis”, National Harbor, MD, February 11, 2024.
- Invited Speaker and Panelist, NACHHD Council, “Discussion on Recruitment and Retention of Junior Faculty”, Webinar: January 22, 2024.

National Leadership

- President, Society for Maternal-Fetal Medicine (SMFM)

JACOBS, Marni

Peer-Reviewed Research Publications

- **Jacobs MB**, Clark AE, Goldhaber NH, Valentine HD, Rivera A, Ngo T, Barber T, Holmes J, Manfredi B, Garretson AF, Bray W, Knight R, Longhurst CA, Carlin AF, De Hoff P, Laurent LC. Antibody levels from high-throughput variant-specific SARS-CoV-2 anti-spike IgG and ACE2 neutralization assays correlate with COVID infection risk in a large population. *The Journal of Infectious Diseases*. In press.
- Sullender R, Agarwal RK, **Jacobs MB**, Wessels J, Foster W, Agarwal SK. Pilot study of IL-antagonist Anakinra for treatment of endometriosis. *International Journal of Women’s Health*. In press.
- Dhital R, **Jacobs M**, Smith CJF, Parast M. Placental lesions in systemic lupus erythematosus pregnancies associated with small for gestational age infants. *Rheumatology*. In press.
- Pham D, Lomeli A, Goldhaber NH, Valentine HD, Knight R, Longhurst CA, Laurent LC, **Jacobs MB**. Longitudinal assessment of the impact of COVID-19 infection on mask-wearing behaviors. *BMC Public Health*. 2024; 24(1):2230. [PMID: 39152377; PMCID: 11328381]
- Hernandez F, Chavez H, Goemans SL, Kirakosyan Y, Diaz Luevano C, Canfield D, Laurent LC, **Jacobs M**, Woelkers D, Tarsa M, Gyamfi-Bannerman C, Fisch KM. Aspirin resistance in pregnancy is associated with reduced interleukin-2 (IL-2) concentrations in maternal serum: Implications for aspirin prophylaxis for preeclampsia. *Pregnancy Hypertension*. 2024; 37. [PMID: 38851168]
- Hietalati S, Pham D, Arora H, Mochizuki M, Santiago G, Vaught J, Lin ET, Mestan KK, Parast M, **Jacobs MB**. Placental pathology and fetal growth outcomes in pregnancies complicated by maternal obesity. *International Journal of Obesity*. Online ahead of print May 31, 2024. [PMID: 38822073]

- Emeruwa UN, Azad H, Ona S, Bejerano S, Alnafisee S, Emont J, Mathew S, Battle M, Arnold D, Ukoha EP, Laurent LC, **Jacobs M**, Aubey JJ, Miller RS, Gyamfi-Bannerman C. Lasix for the prevention of de novo postpartum hypertension: A randomized placebo-controlled trial (LAPP Trial). *American Journal of Obstetrics & Gynecology*. Online ahead of print April 17, 2024. [PMID: 38641089]
- Gabby LC, Jones CK, McIntyre BB, Manalo Z, Meads M, Pizzo DP, Diaz-Vigil J, Soncin F, Fisch KM, Ramos GA, **Jacobs MB**, Parast MM. Chronic villitis as a distinctive feature of placental injury in maternal SARS-CoV-2 infection. *American Journal of Obstetrics & Gynecology*. Online ahead of print April 3, 2024. [PMID: 38580043]
- Lindley KJ, Perry A, **Jacobs M**, Petty L, Amancherla K, Zhao S, Barker C, Davila-Roman VG, Khan SS, Osmundson SS, Tanriverdi K, Freedman JE, Below J, Shah RV, Laurent LC. Differences in cardiometabolic proteins in pregnancy prioritize relevant targets of preeclampsia. *Arteriosclerosis, Thrombosis, and Vascular Biology*. 2024; 44(4): 969-975. [PMID: 38385288]
- Schueler K, **Jacobs M**, Averbach S, Marengo A, Mody SK. Understanding medication abortion ineligibility due to gestational age among a cohort of patients in Southern California. *Contraception*. Online ahead of print January 31, 2024. [PMID: 38307486]
- Goldhaber NH, **Jacobs MB**, Laurent LC, Knight R, Zhu W, Pham D, Tran A, Patel SP, Hogarth M, Longhurst CA. Integrating clinical research into electronic health record workflows to support a learning health system. *JAIMA Open*. 2024; 7(2). [PMID: 38751411; PMCID: 11095974]

Abstracts

- Rogerson, D., **Jacobs, M.**, Mesina, O. “Low dose aspirin for preeclampsia risk reduction: Do patients actually take it?” Abstract accepted to 2025 Society for Maternal Fetal Medicine Pregnancy Meeting Denver, Colorado Feb 1, 2025.
- Hernandez, F., Chavez, H., Goemans, S., Krakosyan, Y., Diaz Luevano, C., Canfield, D., Laurent, L., **Jacobs, M.**, Woelkers, D., Tarsa, M., Gyamfi-Bannerman, C., Fisch, K. 20204. Aspirin resistance in pregnancy is associated with reduced Interleukin-2 concentrations in maternal serum. Society for Reproductive Investigation 71th Annual Scientific Meeting, Vancouver, B.C. (*poster presentation*)

LAMALE-SMITH, Leah

Peer-Reviewed Research Publications

- Aisagbonhi O, Bui T, St. Louis H, Pizzo D, Meads M, Mulholland M, Morey R, Magallanes C, **Lamale-Smith LM**, Laurent LC, Jacobs MB, Fisch KM, Horii M. RNA sequencing identifies human placental IL3RA as a potential predictor of adverse cardiovascular outcomes in patients with severe preeclampsia. medRxiv preprint doi: <https://doi.org/10.1101/2023.06.16.232915>

Review Articles and Book Chapters (Peer-reviewed)

- Pinson K, and **Lamale-Smith LM**. “Chapter 28. Amniotic Fluid Disorders.” Gabbe’s Obstetrics: Normal and Problem Pregnancies, 9th Ed., Philadelphia: Elsevier. Aug 2024.
- **Lamale-Smith, L** “Chapter 11. Complicated Labor and Delivery.” Pocket Obstetrics and Gynecology, Third ed. K.J. Hurt (Ed.). Philadelphia: Wolters Kluwer Health Learning. 2024 (In press).

Invited Presentations

- 09/2024 World Class CME, Fetal and Women’s Imaging, 2024.

LAURENT, Louise

Peer-Reviewed Research Publications

- Keehner J, Abeles SR, Longhurst CA, Horton LE, Myers FE, Riggs-Rodriguez L, Ahmad M, Baxter S, Boussina A, Cantrell K, Cardenas P, De Hoff P, El-Kareh R, Holland J, Ikeda D, Kurashige K, **Laurent LC**; SEARCH Alliance; Lucas A, Pride D, Sathe S, Tran AR, Vasylyeva TI, Yeo G, Knight R, Wertheim JO, Torriani FJ. “Integrated Genomic and Social Network Analyses of Severe Acute Respiratory Syndrome Coronavirus 2 Transmission in the Healthcare Setting.” Clin Infect Dis. 2024 Jan 16:ciad738. doi: 10.1093/cid/ciad738. Epub ahead of print. PMID: 38227643.
- Morey, A, Ng M, Spanos M, Zhang P, Xu T, Cheung W, Chatterjee E, Gokulnath P, Carnel-Amar N, Soares Chiaretti AL, Nelson C, George J, Luo M, Chakraborty A, Perucci L, Jones JC, De Hoff P, Franklin JL, Raffai RL, Das S, Routenberg DA, Nolan JP, Charest AI, **Laurent LC**, Alexander RP. 2024 June. “The EV antibody database: An interactive database of curated antibodies for extracellular vesicle and nanoparticle research.” Extracellular Vesicle, 3, 100040.

- Goldhaber NH, Jacobs MB, **Laurent LC**, Knight R, Zhu W , Pham D, Tran A, Patel SP, Hogarth M, Longhurst CA. 2024 July. "Integrating clinical research into electronic health record workflows to support a learning health system." JAMIA Open, Volume 7, Issue 2, ooae023, <https://doi.org/10.1093/jamiaopen/ooae023>
- Rabin BA, Cain KL, Ayers LO, Lomeli A, Escoto A, Burola ML, Aguilar M, Calvillo ST, Reyes B, Salgin L, Tukey R, **Laurent LC**, Stadnick NA. Adaptation of the brainwriting premortem technique to inform the co-creation of COVID-19 testing strategies in underserved communities in South San Diego. BMC Health Serv. Res. 2024; 24(1):12. doi: 10.1186/s12913-023-10341-w
- Reyes B, Tinoco S, Escoto A, Lomeli AA, Burola ML, GayL, Cohen A, Villega I, Salgin L, Cain KL, Pilz D, Watson PL, Oswald WT, Arevalo J, SanchezJ, Richardson M, Nelson J, Villanueva P, McGaugh G, ZaslavskyI, Tukey R, Stadnick NA, Rabin BA, **Laurent LC**, Seifert M. Community Utilization of a Co-Created COVID-19 Testing Program in a US/Mexico Border Community. BMC Public Health. 2024.
- Qiu X, Danesh Yazdi M, Wang C, Kosheleva A, Wu H, Vokonas PS, Spiro A, **Laurent LC**, DeHoff P, Kubzansky LD, Weisskopf MG, Baccarelli AA, Schwartz JD. Extracellular microRNAs associated with psychiatric symptoms in the Normative Aging Study. J Psychiatr Res. 2024 Oct;178:270-277. doi:10.1016/j.jpsychires.2024.08.017. Epub 2024 Aug 15. PMID: 39173451.
- Pham D, Lomeli A, Goldhaber NH, Valentine HD, Knight R, Longhurst CA, **Laurent LC**, Jacobs MB. Longitudinal assessment of the impact of COVID-19 infection on mask-wearing behaviors. BMC Public Health. 2024 Aug 16;24(1):2230. doi: 10.1186/s12889-024-19776-0. PMID: 39152377; PMCID: PMC11328381
- Kim J, Xu S, Jung SR, Nguyen A, Cheng Y, Zhao M, Fujimoto BS, Nelson W, Schiro P, Franklin JL, Higginbotham JN, Coffey RJ, Shi M, Vojtech LN, Hladik F, Tewari M, Tigges J, Ghiran I, Jovanovic-Talisman T, **Laurent LC**, Das S, Gololobova O, Witwer KW, Xu T, Charest A, Jensen KVK, Raffai RL, Jones JC, Welsh JA, Nolan JP, Chiu DT. Comparison of EV characterization by commercial high-sensitivity flow cytometers and a custom single-molecule flow cytometer. J Extracell Vesicles. 2024 Aug;13(8):e12498. doi: 10.1002/jev2.12498. PMID: 39140467; PMCID: PMC11322860.
- Danesh Yazdi M, Sonntag A, Kosheleva A, Nassan FL, Wang C, Xu Z, Wu H, **Laurent LC**, DeHoff P, Comfort NT, Vokonas P, Wright R, Weisskopf M, Baccarelli AA, Schwartz JD. The association between toenail metals and extracellular MicroRNAs (ex-miRNAs) among the participants of the Normative Aging study (NAS). Environ Res. 2024 Nov 15;261:119761. doi: 10.1016/j.envres.2024.119761. Epub 2024 Aug 8. PMID: 39122161.
- Hernandez F, Chavez H, Goemans SL, Kirakosyan Y, Luevano CD, Canfield D, **Laurent LC**, Jacobs M, Woelkers D, Tarsa M, Gyamfi-Bannerman C, Fisch KM. Aspirin resistance in pregnancy is associated with reduced interleukin-2 (IL-2) concentrations in maternal serum: Implications for aspirin prophylaxis for preeclampsia. Pregnancy Hypertens. 2024 Sep;37:101131. doi: 10.1016/j.preghy.2024.101131. Epub 2024 Jun 7. PMID: 38851168.

- Emeruwa UN, Azad H, Ona S, Bejerano S, Alnafisee S, Emont J, Mathew S, Batlle M, Arnold D, Ukoha EP, **Laurent LC**, Jacobs M, Aubey JJ, Miller RS, Gyamfi- Bannerman C. Lasix for the prevention of de novo postpartum hypertension: a randomized placebo-controlled trial (LAPP Trial). *Am J Obstet Gynecol*. 2024 Apr 18:S0002-9378(24)00522-2. doi: 10.1016/j.ajog.2024.04.016. Epub ahead of print. PMID: 38641089.
- Mestan KK, Sharma A, Lazar S, Pandey S, Parast MM, **Laurent LC**, Prince LS, Sahoo D. Macrophage Polarizations in the Placenta and Lung are Associated with Bronchopulmonary Dysplasia. *bioRxiv [Preprint]*. 2024 Jan 30:2024.01.26.577443. doi: 10.1101/2024.01.26.577443. PMID: 38352616; PMCID: PMC10862768.
- Chousal JN, Morey R, Srinivasan S, Lee K, Zhang W, Yeo AL, To C, Cho K, Garzo VG, Parast MM, **Laurent LC**, Cook-Andersen H. Molecular profiling of human blastocysts reveals primitive endoderm defects among embryos of decreased implantation potential. *Cell Rep*. 2024 Feb 27;43(2):113701. doi: 10.1016/j.celrep.2024.113701. Epub 2024 Jan 26. PMID: 38277271.
- Keehner J, Abeles SR, Longhurst CA, Horton LE, Myers FE, Riggs-Rodriguez L, Ahmad M, Baxter S, Boussina A, Cantrell K, Cardenas P, De Hoff P, El-Kareh R, Holland J, Ikeda D, Kurashige K, **Laurent LC**; SEARCH Alliance; Lucas A, Pride D, Sathe S, Tran AR, Vasylyeva TI, Yeo G, Knight R, Wertheim JO, Torriani FJ. Integrated Genomic and Social Network Analyses of SARS-CoV-2 Transmission in the Healthcare Setting. *Clin Infect Dis*. 2024 May 15;78(5):1204-1213. doi: 10.1093/cid/ciad738. PMID: 38227643; PMCID: PMC11093679.

Invited Presentations

- **Laurent LC**. 2024. "Mapping placental cells and their neighborhoods with single-nucleus and spatial omics." Invited talks at the University of Washington and Fred Hutchinson Cancer Center. Seattle, Washington.
- **Laurent LC**. 2024. "Striking heterogeneity in human placental exRNA carriers is revealed by molecular and single-particle analysis." Annual meeting of the American Association of Extracellular Vesicles. Houston, TX.
- **Laurent LC**. 2024. "Characterization of placental exRNA carrier heterogeneity using multi-modal molecular profiling and single-vesicle analysis." Annual meeting of the American Society for Inter cellular Communication. Rockville, MD.

LEWIS, Amanda

Peer-Reviewed Research Publications

- 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. 2024 Jan 11;12(1):e0371223. doi: 10.1128/spectrum.03712-23. Epub 2023 Dec 14. PMID: 38095462; PMCID: PMC10783137.

Review Articles and Book Chapters (Peer-reviewed)

- Brennan C, Chan K, Kumar T, Maissy E, Brubaker L, Dothard MI, Gilbert JA, Gilbert KE, **Lewis AL**, Thackray VG, Zarrinpar A, Knight R. Harnessing the power within: engineering the microbiome for enhanced gynecologic health. Reprod Fertil. 2024 Apr 15;5(2):e230060. doi: 10.1530/RAF-23-0060. PMID: 38513356; PMCID: PMC11046331.

MOORE, Thomas

Invited Presentations

- “Gestational Diabetes,” podcast for Taking Control of Your Diabetes (TCOYD). 5720 Oberlin Dr., Suite 150 San Diego, CA 92121. May 15, 2024.

NHAN-CHANG, Chia-Ling

Peer-Reviewed Research Publications

- Kim M, Wiener LE, Gilbert J, McNeil RB, Reid KJ, Grobman WA, Facco F, Haas DM, Silver RM, Greenland P, Yee LM, Zee PC; Eunice Kennedy Shriver National Institute of Child Health and Human Development NuMoM2b and National Heart, Lung, and Blood Institute NuMoM2b Heart Health Study Network. Persistent Short Sleep Duration From Pregnancy to 2 to 7 Years After Delivery and Metabolic Health. JAMA Netw Open. 2024 Dec 2;7(12):e2452204. doi: 10.1001/jamanetworkopen.2024.52204. PMID: 39724370; PMCID: PMC11672157.
- Oberlin A, Yoh K, Overton E, Booker WA, Ilagan JG, Sassine D, Diggs A, Laifer-Narin S, Cimic A, Ring LE, Sheikh M, Clair CS, Hou J, Buckley De Meritens A, Wright JD, D'Alton M, **Nhan-Chang CL**, Mourad M, Khoury-Collado F. Transverse versus Vertical Incision in the Surgical Management of Placenta Accreta Spectrum. Am J Perinatol. 2024 Dec 24. doi: 10.1055/a-2479-2604. Epub ahead of print. PMID: 39566520.
- Breslin N, Jacob T, Baptiste C, Thompson J, Chen C, Bejerano S, Fung-Masson C, **Nhan-Chang CL**, Simpson LL, Miller R. Pre- and Periviable PPRM after Fetoscopic Laser Surgery: Are Survival Outcomes Better than We Think? Fetal Diagn Ther. 2024;51(6):594-602. doi: 10.1159/000540638. Epub 2024 Jul 30. PMID: 39079511.

- Louwagie EM, Russell SR, Hairston JC, Nottman C, **Nhan-Chang CL**, Fuchs K, Gyamfi-Bannerman C, Booker W, Andrikopoulou M, Friedman A, Zork N, Wapner R, Vink J, Mourad M, Feltovich HM, House MD, Myers KM. Uterus and cervix anatomical changes and cervix stiffness evolution throughout pregnancy. *bioRxiv* [Preprint]. 2024 May 3;2024.05.01.592023. doi: 10.1101/2024.05.01.592023. PMID: 38746471; PMCID: PMC11092586.
- Schmoke N, Nemeh C, Wu YS, Wilken T, Wang P, Kurlansky P, Maddocks A, **Nhan-Chang CL**, Miller R, Simpson LL, Duron V. Management of fetal head and neck masses: Evaluation of prenatal factors associated with airway obstruction and decision for definitive airway and ex-utero intrapartum treatment at birth. *Prenat Diagn*. 2024 Sep;44(10):1225-1230. doi: 10.1002/pd.6586. Epub 2024 May 9. PMID: 38725046.
- Louwagie EM, Rajasekharan D, Feder A, Fang S, **Nhan-Chang CL**, Mourad M, Myers KM. Parametric Solid Models of the At-Term Uterus From Magnetic Resonance Images. *J Biomech Eng*. 2024 Jul 1;146(7):071008. doi: 10.1115/1.4065109. PMID: 38491978; PMCID: PMC11080951.
- Krenitsky N, Epstein R, Breslin N, **Nhan-Chang CL**, Glickstein J, Simpson LL, Andrikopoulou M. A perplexing giant fetal cardiac mass: ultrasound features and management. *Am J Obstet Gynecol*. 2024 May;230(5):575-577. doi: 10.1016/j.ajog.2023.12.003. Epub 2023 Dec 6. PMID: 38061415.

Abstracts

- Louwagie, E, Russell, S, Hairston, JC, **Nhan-Chang, CL**, Fuchs, K. 1066: Serial measurements of ultrasonic dimensions of gravid maternal anatomy and aspirated cervical stiffness. *Am J Obstet Gynecol* 2024; 230(suppl): S560.
- Passel, C., Moni, S., Zork, N., Brubaker, S., Vink, J., Fuchs, K., **Nhan-Chang, CL.**, Ananth, C. V., & Gyamfi-Bannerman, C. (2024). The effect of intramuscular progesterone on the rate of cervical shortening. *American Journal of Obstetrics & Gynecology*, 209(3), 269.e1-269.e7.

PANTHAM, Priya

Invited Presentations

- “Placental Extracellular Vesicles and Renal Dysfunction in Preeclampsia”. Grand Rounds as part of the SRI Early Career Visiting Lecturer Program 2024 Apr, University of North Carolina at Chapel Hill, Chapel Hill, NC, USA.

RAMOS, Gladys

Peer-Reviewed Research Publications

- Patel M, Battarbee AN, Refuerzo JS, Zork N, Eichelberger K, **Ramos GA**, Olson G, Durnwald C, Landon MB, Aagaard KM, Wallace K, Scifres C, Rosen T, Mulla W, Valent A, Longo S, Boggess KA. Association Between Metformin Use in Early Gestational or Type 2 Diabetes in Pregnancy and Preterm Preeclampsia. *Obstet Gynecol.* 2024 Nov 1;144(5):733-739. doi: 10.1097/AOG.0000000000005720. Epub 2024 Sep 5. PMID: 39236318; PMCID: PMC11575948.
- Sobhani NC, Goemans S, Nguyen A, Chambers ME, Richley M, Gabby LC, Field N, Han CS, **Ramos GA**. Continuous glucose monitoring in pregnancies with type 1 diabetes: small increases in time-in-range improve maternal and perinatal outcomes. *Am J Obstet Gynecol.* 2024 Oct;231(4):467.e1-467.e8. doi: 10.1016/j.ajog.2024.01.010. Epub 2024 Jan 17. PMID: 38242337.
- Sobhani NC, Han CS, Sarker MR, Shah S, **Ramos GA**. Use of a Commercially Available Automated Insulin Delivery System for the Management of Type 1 Diabetes in Pregnancy. *J Diabetes Sci Technol.* 2024 Nov;18(6):1509-1510. doi: 10.1177/19322968241279569. Epub 2024 Sep 10. PMID: 39254102; PMCID: PMC11531012.
- Gabby LC, Jones CK, McIntyre BB, Manalo Z, Meads M, Pizzo DP, Diaz-Vigil J, Soncin F, Fisch KM, **Ramos GA**, Jacobs MB, Parast MM. Chronic villitis as a distinctive feature of placental injury in maternal SARS-CoV-2 infection. *Am J Obstet Gynecol.* 2024 Apr 3:S0002-9378(24)00480-0. doi: 10.1016/j.ajog.2024.04.002. Epub ahead of print. PMID: 38580043.
- Wen T, Friedman AM, Gyamfi-Bannerman C, Powe CE, Sobhani NC, **Ramos GA**, Gabbe S, Landon MB, Grobman WA, Venkatesh KK. Diabetic Ketoacidosis and Adverse Outcomes Among Pregnant Individuals With Pregestational Diabetes in the United States, 2010-2020. *Obstet Gynecol.* 2024 Nov 1;144(5):579-589. doi: 10.1097/AOG.0000000000005667. Epub 2024 Jul 11. PMID: 38991217.
- Sarker M, Canfield D, Ferrara L, **Ramos GA**, DeBolt CA. Adverse outcomes associated with progressive intrahepatic cholestasis of pregnancy. *Am J Perinatol.* 2024 Nov 26. doi: 10.1055/a-2483-5910. Epub ahead of print. PMID: 39592109.

Review Articles and Book Chapters (Peer-reviewed)

- Sarker MR, **Ramos GA**. Routine screening for gestational diabetes: a review. *Curr Opin Obstet Gynecol.* 2024 Apr 1;36(2):97-103. doi: 10.1097/GCO.0000000000000940. Epub 2024 Jan 15. PMID: 38259247.

Abstracts

- Pilot Study to Assess Non-Adherence to Daily Low Dose Aspirin in Patients with Pregestational Diabetes.
- Characterization of glucose values in labor by continuous glucose monitoring in gravidas without diabetes mellitus.
- Earlier intervention for acute post-neuraxial hypotension in pregnancies with obesity may improve fetal acidemia.
- Glycemic control in labor: Comparing time in range (TIR) among gravidas with and without pre-gestational diabetes.
- Acute post-neuraxial hypotension in patients with hypertensive disorder is associated with fetal acidemia.

Invited Presentations

- Climate Change and Diabetes in Pregnancy. The University Diabetes Outreach Programme (UDOP). 29th International conference, April 2024.
- Mentoring. Emerging Leaders Program, SMFM, Coronado Island, California, July 2024.

TARSA, Maryam

Peer-Reviewed Research Publications

- Maltez BS, **Tarsa M**, Leibel SL. Umbilical Cord Abnormality in a Monochorionic-Monoamniotic Twin Pregnancy. Neoreviews. 2024 Jan 1;25(1):e66-e69. doi: 10.1542/neo.25-1-e66. PMID: 38161185.
- Hernandez F, Chavez H, Goemans SL, Kirakosyan Y, Luevano CD, Canfield D, Laurent LC, Jacobs M, Woelkers D, **Tarsa M**, Gyamfi-Bannerman C, Fisch KM. Aspirin resistance in pregnancy is associated with reduced interleukin-2 (IL-2) concentrations in maternal serum: Implications for aspirin prophylaxis for preeclampsia. Pregnancy Hypertens. 2024 Jun 7;37:101131. doi: 10.1016/j.preghy.2024.101131. Epub ahead of print. PMID: 38851168.
- Hameed, A, **Tarsa, M**, Graves, C. et al. Universal Cardiovascular Disease Risk Assessment in Pregnancy: Call to Action JACC: Advances Expert Panel. JACC Adv. 2024 Aug, 3 (8) <https://doi.org/10.1016/j.jacadv.2024.101055>
- **Tarsa M**, Leibel SL. Neoreviews. 2024 Jan 1;25(1):e66-e69. doi: 10.1542/neo.25-1-e66. PMID: 38161185.

Abstracts

- Canfield, D., Melber, D., Gabby, L., Desai, B., Applegarth, C., Sarker, M., Pinson, K., **Tarsa, M.**, & Alshawabkeh, L. (2024). Patient Characteristics Associated with Postpartum Follow-Up for Patients with Cardiac Disease in Pregnancy. SRI, San Diego.

- Mesina, O., Applegarth, C., Buckner, E., Ruppin, A., Pinson, K., **Tarsa, M.** “Differences in LDASA initiation for preeclampsia prevention in at-risk pregnancies between White and non-White patients at a single institution.” 2024 Society for Maternal Fetal Medicine Pregnancy Meeting National Harbor, Maryland Feb 10, 2024.

Invited Presentations

- **Maryam Tarsa, M.D.**, Cardiovascular Disease in pregnancy and postpartum, UCSD Research Retreat, September 11, 2024. ROLE: Presenter.
- **Maryam Tarsa, M.D.**, American Association for the Study of Liver Disease (AASLD) “Reproductive Health and Impact on Patients with End-Stage Liver Disease”, San Diego , CA November 18, 2024. ROLE: Panelist.

Honors and Awards

- San Diego's Top Doctors

TEAL, Nicole

Peer-Reviewed Research Publications

- Leeman, J., Rohweder, C.L., Lin, FC. Lightfoot AF, Costello JM, Farahi N, Harper K, Quist-Nelson J, **Teal EN**, Vu MB, Wheeler S, Menard MK. Community-engaged implementation of a safety bundle for pregnancy-related severe hypertension in the outpatient setting: protocol for a type 3 hybrid study with a multiple baseline design. *BMC Health Serv Res* 24, 1156 (2024). <https://doi.org/10.1186/s12913-024-11579-8>.
- **Teal E**, Daye A, Haight S, Menard M, Sheffield-Abdullah K. Examining Black Birthing People’s Experiences with Racism, Discrimination, and Contextualized Stress and Their Perspectives on Racial Concordance with Prenatal Providers. *Health Equity*. 2024/05; 8(1):588-598. doi: 10.1089/heq.2023.0266.

Honors and Awards

- Society for Maternal-Fetal Medicine Award for Research Excellence for Oral Presentation of “Exploring Black birthing people’s perspectives on racial concordance with obstetric care providers.”
- Society for Maternal-Fetal Medicine Award for Best Research on Disparities in Health for abstract “Exploring. Black birthing people’s perspectives on racial concordance with obstetric care providers.”

Peer-Reviewed Research Publications

- Bogardus MH, Friedman AM, Arora C, D'Alton M, **Wen T**. Mode of delivery and obstetric complications in the setting of prior uterine surgery. *American Journal of Perinatology*. May 2024: 41(S01): e3183-e3186.
- **Wen T**, Emont J, Huang Y, Matsuo K, Hershman DL, Friedman AM, Wright JD. Trends in Cancer-Directed Surgery Rates Associated with the COVID-19 Pandemic. *Ann Surg Oncol*. Feb 2024: 31(2): 731-734.
- **We** pandemic. *BJOG*. Feb 2024: 131(8): 1111-1119.
- Liu LY, Friedman AM, Goffman D, Nathan L, Sheen JJ, Reddy UM, D'Alton ME, **Wen T**. Infection and Sepsis Trends during United States' Delivery Hospitalizations from 2000 to 2020. *Am J Perinatol*. Feb 2024. (In press).
- Blauvelt CA, Turcios S, **Wen T**, Boscardin J, Seidman D. Breastfeeding Initiation in People With Hepatitis C Virus Infection in the United States. *Obstetrics and Gynecology*. May 2024: 143(5): 683-689.
- **Wen T**, Thornburg LL, Norton ME, Platt LD, Dugoff L, Hesson A, Spitz JL, Toland G, Bromley B; Nuchal Translucency Quality Review Program of the Perinatal Quality Foundation. Trends in Reporting of Nuchal Translucency Measurements After the Clinical Introduction of Cell-Free DNA Screening. *Obstetrics and Gynecology*. Jun 2024: 143(6): 811-814.
- Gandhi C, **Wen T**, Liu LY, Booker WA, D'Alton ME, Friedman AM. Antenatal pyelonephritis hospitalisation trends, risk factors and associated adverse outcomes: A retrospective cohort study. *BJOG*. June 2024. (In press).
- Ukoha EP, **Wen T**, Reddy UM. Induction of labor versus expectant management among low-risk patients with one prior cesarean delivery. *American Journal of Obstetrics and Gynecology*. June 2024. (In press).
- **Wen T**, Friedman AM, Gyamfi-Bannerman C, Powe CE, Sobhani NC, Ramos GA, Gabbe S, Landon MB, Grobman WA, Venkatesh KK. Diabetic Ketoacidosis and Adverse Outcomes Among Pregnant Individuals With Pregestational Diabetes in the United States, 2010-2020. *Obstetrics and Gynecology*. July 2024. *Obstet Gynecol*. 2024 Jul 11. doi: 10.1097/AOG.0000000000005667. Epub ahead of print. PMID: 38991217.
- Charifson M, **Wen T**, Zell B, Vaidya P, Rios CI, Fagbohun CF, Fulcher I. Impact of Remote Blood Pressure Monitoring Device Connectivity on Engagement Among Pregnant Individuals Enrolled in the Delfina Care Platform: Observational Study. *JMIR Mhealth Uhealth*. July 2024. (In press).
- Walia A, Friedman AM, Sobhani NC, **Wen T**. Readmission Rates After Expedited Postpartum Discharge. *Obstetrics and Gynecology*. Sept 2024: 144(3): 421-429.
- Wang R, Friedman AM, Booker WA, Liu L, **Wen T**. Delivery Hospitalization Cardiac and Respiratory Complications during SARS-CoV-2 Delta Variant Dominance. *Am J Perinatol*. Sept 2024. (In press).

- Schor JS, Kadambi A, Fulcher I, Venkatesh KK, Clapp MA, Ebrahim S, Ebrahim A, **Wen T**. Using machine learning to predict the risk of developing hypertensive disorders of pregnancy using a contemporary nulliparous cohort. *AJOG Glob Rep*. 2024 Aug 22;4(4):100386.
- Liu LY, **Wen T**, Reddy UM, Mourad M, Goffman D, Nathan L, Sheen JJ, D'Alton ME, Friedman AM. Risk Factors, Trends, and Outcomes Associated With Postpartum Sepsis Readmissions. *Obstetrics and Gynecology*. Mar 2024; 143(3): 346-354.
- **Wen T**, Logue TC, Wright JD, D'Alton M, Booker WA, Friedman AM. Adverse delivery hospitalisation outcomes in 2020 during the COVID-19 pandemic. *BJOG*. 2024 Jul;131(8):1111-1119. doi: 10.1111/1471-0528.17783. Epub 2024 Feb 20. PMID: 38375533.

Review Articles and Book Chapters (Peer-reviewed)

- **Wen T**. Editorial response to: Interpretable machine learning predicts postpartum hemorrhage at time of admission. *AJOG MFM*. May 2024. (In press).

Abstracts

- Charfison M, **Wen T**, Zell B, Vaidya P, Rios CI, Fagbohun F, Fulcher I. Remote blood pressure monitoring during pregnancy: Comparing patient engagement between connected and unconnected device users. Poster presentation at: Society for Maternal Fetal Medicine's 44th Annual Pregnancy Meeting; 2024 Feb 13; National Harbor, MD.
- Krenitsky N, Farooqi A, Azad H, Miller RS, Simpson L, D'Alton ME, Friedman AM, **Wen T**. Combined Vaginal-Cesarean Delivery of Twins: National Risk Factors and Trends. Poster presentation at: Society for Maternal Fetal Medicine's 44th Annual Pregnancy Meeting; 2024 Feb 13; National Harbor, MD.
- Madden N, Perry MF, **Wen T**, Yee LM, Premkumar A. Association of unintended pregnancy with pre-pregnancy and pregnancy-related healthcare utilization. Poster presentation at: Society for Maternal Fetal Medicine's 44th Annual Pregnancy Meeting; 2024 Feb 13; National Harbor, MD.
- Madden N, Perry MF, Premkumar A, Yee LM, **Wen T**. Association of unintended pregnancy and maternal and neonatal outcomes: Evaluation in a contemporary cohort. Poster presentation at: Society for Maternal Fetal Medicine's 44th Annual Pregnancy Meeting; 2024 Feb 13; National Harbor, MD.
- Syeda S, Reddy UM, Friedman AM, **Wen T**. Disparities in Mortality and Non-Transfusion Severe Maternal Morbidity Trends During Delivery Hospitalizations by Payer Status. Poster presentation at: Society for Maternal Fetal Medicine's 44th Annual Pregnancy Meeting; 2024 Feb 13; National Harbor, MD.

- **Wen T**, Kim A, Bain L, Venkatesh K, Clapp MA, Fulcher I. Development and validation of a clinical risk prediction model for small-for-gestational age infants. Poster presentation at: Society for Maternal Fetal Medicine's 44th Annual Pregnancy Meeting; 2024 Feb 13; National Harbor, MD.
- Farooqi A, Friedman AM, Sobhani NC, D'Alton ME, **Wen T**. National trends and outcomes for births requiring maternal transfers. Poster presentation at: Society for Maternal Fetal Medicine's 44th Annual Pregnancy Meeting; 2024 Feb 14; National Harbor, MD.
- Ghandi C, **Wen T**, Friedman AM. Trends in Antepartum Pyelonephritis Hospitalizations and Risk for Associated Sepsis and Severe Maternal Morbidity. Poster presentation at: Society for Maternal Fetal Medicine's 44th Annual Pregnancy Meeting; 2024 Feb 14; National Harbor, MD.
- Azad H, **Wen T**, Krenitsky N, Bello NA, Booker WA, Purisch S, D'Alton M, Friedman AM. Peripartum Cardiomyopathy Delivery Hospitalization and Postpartum Readmission Trends, Risk Factors, and Outcomes. Poster presentation at: Society for Maternal Fetal Medicine's 44th Annual Pregnancy Meeting; 2024 Feb 14; National Harbor, MD.
- Shear M, Sparks TN, Gallagher R, Swanson K, Norton ME, Farooqi A, **Wen T**. Trends and outcomes in deliveries affected by maternal fatty acid oxidation defects. Poster presentation at: Society for Maternal Fetal Medicine's 44th Annual Pregnancy Meeting; 2024 Feb 14; National Harbor, MD.
- Krenitsky N, Farooqi A, Azad H, Miller RS, Simpson L, D'Alton ME, Friedman AM, **Wen T**. Maternal Morbidity and Health Services Outcomes Following Combined Vaginal-Cesarean Twin Births. Poster presentation at: Society for Maternal Fetal Medicine's 44th Annual Pregnancy Meeting; 2024 Feb 14; National Harbor, MD.
- Logue T, **Wen T**, Friedman AM. Trends in and factors associated with early term deliveries without indication. Poster presentation at: Society for Maternal Fetal Medicine's 44th Annual Pregnancy Meeting; 2024 Feb 14; National Harbor, MD.
- **Wen T**, Kim A, Venkatesh K, Clapp MA, Fulcher I. National trends and outcomes in births with co-occurring hypertensive disorders of pregnancy and gestational diabetes. Poster presentation at: Society for Maternal Fetal Medicine's 44th Annual Pregnancy Meeting; 2024 Feb 14; National Harbor, MD.
- Wright G, **Wen T**, Ananth CV, Friedman AM. Placental abruption and antepartum hemorrhage delivery hospitalization trends, risk factors, and outcomes. Poster presentation at: Society for Maternal Fetal Medicine's 44th Annual Pregnancy Meeting; 2024 Feb 14; National Harbor, MD.

Invited Presentations

- Sept 2024: Framing the Problem: Perspectives from a Practicing Ob/Gyn and Informaticist (UCSF & SF Marin Medical Society Abortion and Sensitive Health Informatics Symposium).

Review Articles and Book Chapters (Peer-reviewed)

- Hernandez F, Chavez H, Goemans SL, Kirakosyan Y, Luevano CD, Canfield D, Laurent LC, Jacobs M, **Woelkers D**, Tarsa M, Gyamfi-Bannerman C, Fisch KM. Aspirin resistance in pregnancy is associated with reduced interleukin-2 (IL-2) concentrations in maternal serum: Implications for aspirin prophylaxis for preeclampsia. *Pregnancy Hypertens.* 2024 Sep;37:101131. doi: 10.1016/j.preghy.2024.101131. Epub 2024 Jun 7. PMID: 38851168.

REPRODUCTIVE ENDOCRINOLOGY AND INFERTILITY

Peer-Reviewed Research Publications

- Garcia C, Velez LM, Ujagar N, Del Mundo Z, Nguyen T, Fox C, Mark A, Fisch KM, **Lawson MA, Duleba AJ**, Seldin MM, Nicholas DA. Lipopolysaccharide-induced chronic inflammation increases female serum gonadotropins and shifts the pituitary transcriptomic landscape. *Front Endocrinol (Lausanne)*. 2024 Jan 8;14:1279878. doi: 10.3389/fendo.2023.1279878. PMID: 38260148; PMCID: PMC10801245.

AGARWAL, Sanjay

Peer-Reviewed Research Publications

- Mangum T, **Agarwal SK**. A Podcast on Patient and Physician Perspectives on the Management of Endometriosis and Relugolix Combination Therapy. *Adv Ther*. 2024 Dec;41(12):4369-4376. doi: 10.1007/s12325-024-02970-2. Epub 2024 Oct 19. PMID: 39425891; PMCID: PMC11550218.
- **Agarwal SK**, Stokes M, Chen R, Lickert C. Uterine fibroids with heavy menstrual bleeding stratified by race in a commercial and Medicaid database. *AJOG Glob Rep*. 2024 Oct 17;4(4):100412. doi: 10.1016/j.xagr.2024.100412. PMID: 39559275; PMCID: PMC11570315.
- Sullender RT, Agarwal RK, Jacobs MB, Wessels JM, Foster WG, **Agarwal SK**. Pilot Study of IL-1 Antagonist Anakinra for Treatment of Endometriosis. *Int J Womens Health*. 2024 Sep 27;16:1583-1593. doi: 10.2147/IJWH.S467041. PMID: 39355382; PMCID: PMC11444056.

BREEN, Kellie

Peer-Reviewed Research Publications

- McCosh RB, Kreisman MJ, Tian K, Thomas SA, **Breen KM**. Norepinephrine Neurons in the Nucleus of the Solitary Tract Suppress Luteinizing Hormone Secretion in Female Mice. *Journal of Neuroscience*. 21 August 2024, 44 (34) e0084242024; DOI: 10.1523/JNEUROSCI.0084-24.2024.

Abstracts

- Carrasco RA, Kreisman MJ, **Breen KM**. Activation of Brainstem Purinergic Neurons During Immunologic Stress in Female Mice. PanAmerican Neuroendocrine Society (PANS), Santos, Brazil. March 2024.
- Bell HF, Carrasco RA, Kreisman MJ, McCosh RB, **Breen KM**. Is Urocortin 2 a Mediator of Stress-induced Suppression of the Luteinizing Hormone Surge? Program of the 106th Annual Meeting of the Endocrine Society, Boston, Massachusetts. June 2024.

Invited Presentations

- “Emerging insights in the neuroendocrine control of reproduction” UC San Diego, OB/GYN&RS Departmental Seminar, 1 March 2024.
- “Emerging insights in the neuroendocrine control of reproduction” Frontiers in Reproduction, Woods Hole, Massachusetts, 10 May 2024.
- “Comparative perspective of stress neurobiology” UC San Diego Center for Perinatal Discovery Symposium, 8 June 2024.
- “Defining the structure and function of NTS circuits controlling reproduction” Distinguished Alumni Lecture, Molecular and Integrative Physiology, University of Michigan, 2 Oct 2024.
- “Brain regulation of ovulatory cyclicity” Catalyst-funded workshop on biology and data sciences, Halicioğlu Data Science Institute, UC San Diego, 2 Dec 2024.

Honors and Awards

- Treasurer, International Neuroendocrine Federation (INF), 2024-28.
- Distinguished Alumni Lecture, University of Michigan, 2024.
- VP North America, PanAmerican Neuroendocrine Society, 2024-27.

COOK-ANDERSEN, Heidi

Peer-Reviewed Research Publications

- Chousal JN#, Morey, R, 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 decreased implantation potential. (2024). Cell Reports 43, 113710. PMID: 38277271.

- 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. (2024). Cell Reports 43, 113710. PMID: 38306272.

DULEBA, Antoni

Peer-Reviewed Research Publications

- Chudzicka-Strugała I, Kubiak A, Banaszewska B, Wysocka E, Zwozdziak B, Siakowska M, Pawelczyk L, **Duleba AJ**. Six-month randomized, placebo controlled trial of synbiotic supplementation in women with polycystic ovary syndrome undergoing lifestyle modifications. Arch Gynecol Obstet. 2024 Dec 5. doi: 10.1007/s00404-024-07833-3. Epub ahead of print. PMID: 39636391.
- Garcia C, Velez LM, Ujagar N, Del Mundo Z, Nguyen T, Fox C, Mark A, Fisch KM, Lawson MA, **Duleba AJ**, Seldin MM, Nicholas DA. Lipopolysaccharide-induced chronic inflammation increases female serum gonadotropins and shifts the pituitary transcriptomic landscape. Front Endocrinol (Lausanne). 2024 Jan 8;14:1279878. doi: 10.3389/fendo.2023.1279878. PMID: 38260148; PMCID: PMC10801245.

Invited Presentations

- OBGYN Grand Rounds: "Diagnosis and Management of Polycystic Ovary Syndrome." Yale School of Medicine, New Haven, CT. October 24, 2024.

KAUFFMAN, Sasha

Peer-Reviewed Research Publications

- EA Coutinho, LA Esparza, PH Steffen, R Liaw, S Bolleddu, and **AS Kauffman**. Selective depletion of kisspeptin neurons in the hypothalamic arcuate nucleus in early juvenile life reduces pubertal LH secretion and delays puberty onset in mice. *FASEB Journal*, 38:e70078. doi:10.1096/fj.202401696R. 2024.
- EA Coutinho*, LA* Esparza, J Rodriguez, J Yang, D Schafer, and **AS Kauffman**. Targeted inhibition of kisspeptin neurons reverses hyperandrogenemia and abnormal hyperactive LH secretion in a preclinical mouse model of polycystic ovary syndrome. *Human Reproduction*, deae153, <https://doi.org/10.1093/humrep/deae153>. 2024.

Review Articles and Book Chapters (Peer-reviewed)

- **AS Kauffman.** Androgen inhibition of reproductive neuroendocrine function in females and transgender males. *Endocrinology*, 165(10): bqae113. doi: 10.1210/endocr/bqae113. 2024. [PMCID: PMC11393496].

Invited Presentations

- PCOS Research Symposium, UC Irvine, Dept of Molecular Biology and Biochemistry, September 2024, **Keynote speaker:** “*Neuroendocrine actions of androgens in females and transmales in health and disease*”
- Dept of OBGYN and Reproductive Sciences, invited research seminar, UCSD, June 2024, “*Neuroendocrine actions of androgens in females and transgender men: insights from mouse models*”

Honors and Awards

- *Journal of Neuroendocrinology*, Senior Editor: Fundamental and Mechanistic Neuroendocrinology, 2024.
- The Endocrine Society, Laureate Awards Committee, 2024.
- NIH Grant Review Panel, National Institutes of Health (NIH), ICER Study Section, 2024.
- NIH Grant Review Panel, National Institutes of Health (NIH), R01 ZRG1 ICN Z Study Section, 2024.
- Program Organizing Committee, PANS 2024 International Meeting in Brazil, 2024.
- Program Organizing Committee, 11th International Congress of Neuroendocrinology (ICN) meeting in Japan, 2024.
- Program Organizing Committee, 5th World Conference on Kisspeptin in Japan. 2024.

LAWSON, Mark

Peer-Reviewed Research Publications

- Garcia C, Velez LM, Ujagar N, Del Mundo Z, Nguyen T, Fox C, Mark A, Fisch KM, **Lawson MA**, Duleba AJ, Seldin MM, Nicholas DA “Lipopolysaccharide-induced chronic inflammation increases female serum gonadotropins and shifts the pituitary transcriptomic landscape.” *Frontiers in Endocrinology*, vol. 14, 7 Jan. 2024, <https://doi.org/https://doi.org/10.3389/fendo.2023.1279878>.
- Olivia Molinar-Inglis, Kiara Wiggins, Anjali Varma, Zena Del Mundo, Jose M. Adame, Alyssa Cozzo, Oscar Muñoz, Uyen-Vy Le, Davina Trinh, Alexis C. Garcia, Metztli Cisneros-Aguirre, Monica L. Gonzalez Ramirez, Jeremiah Keyes, Jin Zhang, **Mark A. Lawson**, JoAnn Trejo, Dequina A. Nicholas “An optimized fractionation method reveals

insulin-induced membrane surface localization of GLUT1 to increase glycolysis in L β T2 cells.” *Molecular and Cellular Endocrinology*, Volume 595, 1 Jan. 2025, <https://doi.org/10.1016/j.mce.2024.112405>.

MELLON, Pamela L.

Abstracts

- Cassin, J., Nguyen, R.D., Tonsfeldt, K.J., Dunn, G.A., Chen, V., Yeo, S.E., **Mellon, P.L.** (2024). Heterozygous Sox2 Knockout Mice Have Delayed Puberty, Fertility Deficiencies, and a Decreased Number of GnRH Neurons. The Endocrine Society, 106th Annual Meeting.
- Cassin, J., Nguyen, R.D., Tonsfeldt, K.J., Dunn, G.A., Chen, V., Yeo, S.E., **Mellon, P.L.** (2024). Endocrine and Reproductive Phenotypes in the Sox2 Heterozygous Knockout Mouse. American Society of Human Genetics Annual Meeting.
- Van Loh, B.M., Dunn, G.A., Chun, L.E., Patel, M.M., Naing, N.C.P., Nguyen, D., **Mellon, P.L.**, Hoffmann, H.M., Tonsfeldt, K.J. (2025). The Transcription Factors Six3 and Six6 have Different Functions in Circadian Regulation of the Adult Mouse SCN. American Physiology Summit.

SU, H. Irene

Peer-Reviewed Research Publications

- Zhou B, Kwan B, Desai MJ, Nalawade V, Henk J, Viravalli N, Murphy JD, Nathan PC, Ruddy KJ, Shliakhtsitsava K, **Su HI***, Whitcomb BW.* “Association of platinum-based chemotherapy with live birth and infertility in female survivors of adolescent and young adult cancer.” *Fertility Sterility*, 2024; online ahead of print, PMID 38316209. *co-corresponding authors. Role: Conception, design, data acquisition, analysis, interpretation, drafting, revising, final approval.
- Wu Q, Zhou Z, Yan Z, Connell M, Garzo G, Yeo A, Zhang W, **Su HI***, Zhong S*. A temporal extracellular transcriptome atlas of human preimplantation development. *Cell Genomics* 2024,4(1):100464. PMID 38216281 *co-corresponding authors. Role: Conception, design, data acquisition, interpretation, drafting, revising, final approval.
- **Su HI**, Kaiser BN, Crable EL, Flores Ortega RE, Yoeun S, Economou M, Fernandez E, Romero SAD, Aarons GA, McMenamin SB. Implementation of state health insurance benefit mandates for cancer-related fertility preservation: Following policy through a complex system. *Implementation Science*, 2024; PMID: 38365808. Role: Conception, design, data acquisition, analysis, interpretation, drafting, revising, final approval.

- Mannion S, Higgins A, Larson N, Stewart EA, Khan Z, Shenoy C, Nichols HB, **Su HI**, Partridge AH, Loprinzi CL, Couch F, Olson JE, Ruddy KJ. Prevalence and impact of fertility concerns in young women with breast cancer. *Sci Report*, 2024; PMID 38388636. Role: Interpretation, revising, final approval.
- Romero SAD, Au L, Flores-Ortega RE, Helsten T, Palomino H, Kaiser BN, Echevarria M, Lukas K, Freeman K, Zou J, Aristizabal P, Armenian S, **Su HI**. Let's TOC Fertility: A stepped wedge cluster randomized controlled trial of the Telehealth Oncofertility Care (TOC) intervention in children, adolescent and young adult cancer survivors. *Contemp Clin Trials*. 2024 Jun;141:107537. doi: 10.1016/j.cct.2024.107537. Epub 2024 Apr 13. PMID: 38614445; PMCID: PMC11520196. Role: Conception, design, data acquisition, analysis, interpretation, drafting, revising, final approval.
- Yano Maher JC, Kumnick A, Sinaii N, **Su HI**, Cameron KE, George SA, Gracia C, Meacham LR, Gomez-Lobo V. A Mega-Analysis of Anti-Müllerian Hormone Levels in Female Childhood Cancer Survivors Based on Treatment Risk, Time since Treatment, and Pubertal Status. *J Adolesc Young Adult Oncol*. 2024 Sep 23. doi: 10.1089/jayao.2024.0093. Epub ahead of print. PMID: 39308417.

Review Articles and Book Chapters (Peer-reviewed)

- Yang EH, Strohl HB, **Su HI**. Fertility preservation before and after cancer treatment in children, adolescents, and young adults. *Cancer* (2024); 130(3): 344-355. PMID 37962199. Role: Conception, design, data acquisition, analysis, interpretation, drafting, revising, final approval.

Invited Presentations

- Invited Speaker, Measuring Toxicity in Reproductive Organs During Oncology Drug Development, An FDA-ASCO Workshop, Session 2: Monitoring Gonadal Toxicity in Clinical Trials. October, 2024.
- Invited Panelist, Inaugural Conference, West Coast Alliance to Promote Diversity, Equity and Inclusion (WeCAPD), Panel Session: Building a Workforce to Address Unique Needs of Catchment Area Populations. September, 2024.
- Invited Speaker and Moderator, 2024 UC San Diego Moores Cancer Center Annual Scientific Retreat, “Intervening on Multi-level Barriers to Accessing Oncofertility Care.” September, 2024.
- Invited Speaker and Panelist, SDSU-UCSD Cancer Research and Education to Advance HealTh Equity (CREATE) Partnership, Patient Support – Overcoming Healthcare Barriers, “Oncofertility care of young cancer survivors.” July, 2024.

- Invited Speaker and Panelist, San Diego Lawyer's Club's Advocacy and Reproductive Justice Committee. Spoke to lawyers in the community about the health women and reproducing persons face now that we are living in a post-Dobbs world. May, 2024
- UC San Francisco Fellow Research Day speaker, “Intervening on multi-level barriers to accessing oncofertility care.” May, 2024.
- Women in Biomedicine – Southern California, “Fertility and Disparities in Reproductive Health.” March, 2024.

THACKRAY, Varykina

Peer-Reviewed Research Publications

- Chen, A., Handzel A., Sau, L., Cui, L., Kelley, S.T, and **Thackray, V.G.** (2024) 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 7(1):e443. doi.org/10.1002/edm2.443

Review Articles and Book Chapters (Peer-reviewed)

- Brennan, C., Chan, K., Kumar, T., Maissy, E., Brubaker, L., Dothard, M., Gilbert, J., Gilbert, K., Lewis, A.L., **Thackray, V.G.**, Zarrinpar, A., and Knight, R. (2024) Harnessing the Power Within: Engineering the Microbiome for Enhanced Gynecologic Health. *Reproduction and Fertility* 5(2):e230060. doi: [10.1530/RAF-23-0060](https://doi.org/10.1530/RAF-23-0060)

Abstracts

- 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** (2024) Influence of the HPG Axis on Sexual Differentiation of the Gut Microbiome. *4th Center for Microbial Innovation International Microbiome Meeting*, La Jolla, CA.
- Tam, I., Sisk-Hackworth, L., Brown, J., Mall, A., and **Thackray, V.G.** (2024) Assessment of Gut Microbial b-Glucuronidase Substrate Specificity in Sex Steroid Metabolism. *UCSD Biology Undergraduate and Master's Mentorship Program Annual Student Symposium*, La Jolla, CA.
- Mall, A., Sisk-Hackworth, L., Tam, I., Brown, J., and **Thackray, V.G.** (2024) Impact of Estrogen Glucuronide on the Growth of *Phocaeicola vulgatus* and *Bacteroides ovatus*. *UCSD Biology Undergraduate and Master's Mentorship Program Annual Student Symposium*, La Jolla, CA.

- Dhanala, S. and **Thackray, V.G.** (2024) The Effect of Pheromones on the Protective Effect of Cohousing in a PCOS Mouse Model. *UCSD Summer Research Conference*, La Jolla, CA (oral presentation).

Invited Presentations

- 105th Annual Meeting of The Endocrine Society, Boston, MA, June 2024, *Intersection of Polycystic Ovary Syndrome and the Gut Microbiome*.
- National Center for Complementary and Integrative Health, Complementary and Integrative Interventions to Mitigate the Effects of Endocrine-Disrupting Chemicals Workshop, June 2024, The Microbiome and Metabolome Session *Sex Steroid Modulation of the Gut Microbiome and Implications for EDC Mitigation*.

Honors and Awards

- UCSD Academic Senate Health Sciences Bridge Grant Next-Generation Probiotics to Improve Metabolic Dysregulation in PCOS (PI) \$40,000, 2024-25.
- NIH R01 HL173772 Resistant Starch Treatment of Polycystic Ovary Syndrome: Impact on Cardiometabolic Dysfunction and the Gut Microbiome (Consortium PI; PI, Anuja Dokras at Penn) \$2,090,316 (total award), 2024-28.

UROGYNECOLOGY AND RECONSTRUCTIVE PELVIC SURGERY

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Duran P, Zelus EI, **Burnett LA**, Christman KL, **Alperin M**. Repeated birth injuries lead to long-term pelvic floor muscle dysfunction in the preclinical rat model. Am J Obstet Gynecol. 2024 Aug 25:S0002-9378(24)00877-9. doi: 10.1016/j.ajog.2024.08.036. Epub ahead of print. PMID: 39191364.
- Smith AL, Falke C, Rudser KD, McGwin G, Brady SS, **Brubaker L**, Kenton K, LaCoursiere DY, Lewis CE, Low LK, Lowder JL, **Lukacz ES**, Mueller ER, Newman DK, Nodora J, Markland A, Putnam S, Rickey LM, Rockwood T, Simon MA, Stapleton A, Vaughan CP, Wyman JF, Sutcliffe S; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Bladder health in US women: population-based estimates from the RISE FOR HEALTH study. Am J Obstet Gynecol. 2024 Nov 7:S0002-9378(24)01116-5. doi: 10.1016/j.ajog.2024.10.044. Epub ahead of print. PMID: 39521302.
- **Lukacz ES**, Fok CS, Bryant M, Rodriguez-Ponciano DP, Meister MR, Mueller MG, Lewis CE, Lowder JL, Smith AL, Stapleton A, Ayala A, Pakpahan R, Hortsch S, McDonald D, Putnam S, Rudser K, Song SJ, Knight R, **Brubaker L**; PLUS Research Consortium. Feasibility of Home Collection for Urogenital Microbiome Samples. Urogynecology (Phila). 2024 Nov 1;30(11):896-905. doi: 10.1097/SPV.0000000000001544. Epub 2024 Jul 3. PMID: 38958286; PMCID: PMC11502285.
- Carnes MU, Siddiqui NY, Karstens L, Gantz MG, Dinwiddie DL, Sung VW, Bradley M, **Brubaker L**, **Ferrando CA**, Mazloomdoost D, Richter HE, Rogers RG, Smith AL, Komesu YM; Eunice Kennedy Shriver National Institute of Child Health and Human Development Pelvic Floor Disorders Network. Urinary microbiome community types associated with urinary incontinence severity in women. Am J Obstet Gynecol. 2024 Mar;230(3):344.e1-344.e20. doi: 10.1016/j.ajog.2023.10.036. Epub 2023 Oct 30. PMID: 38937257; PMCID: PMC11211640.

Abstracts

- **Lukacz ES**, McDonald D, Bryant M, Putnam S, Rudser K, Fok C, Meister M, Mueller M, Lewis CE, Knight R, **Brubaker L**; Concordance of Urobiome Findings in Self-collected Urine: Home vs. Research Site. Oral Presentation at: AUGS 2024 Annual Meeting, October 22-25, 2024; Washington, DC.

- Fong K, Aung T, Koenig J, **Alperin M**, Schenk S, **Burnett LA**. Exploring the Impact of Diet-Induced Obesity on Postpartum Pelvic Floor Muscle Recovery: Insights from a Mouse Model. Society for Reproductive Investigation. Poster Presentation, Society for Reproductive Investigation Meeting, Vancouver 2024.
- Fong K, Aung T, Koenig J, **Alperin M**, Schenk S, **Burnett LA**. Exploring the Impact of Diet-Induced Obesity on Postpartum Pelvic Floor Muscle Recovery: Insights from a Mouse Model. Society for Reproductive Investigation. Poster Presentation, AAP/ASCI/APSA Joint Meeting, Chicago 2024.
- Mesina O, Keverline K, **Lukacz E**, Santiago-Lastra Y, **Burnett LA**. Correlation Between Urodynamic Evaluation and MESA Incontinence Questionnaire in Classifying the Type of Urinary Incontinence in Spanish Speaking Women at a Single Institution. Poster Presentation, SUFU Meeting, Fort Lauderdale, 2024.
- Weldon KC, Panitchpakdi M, Wolfe A, Dorrestein PC, **Brubaker L**, **Burnett LA**. Urinary Metabolome is Minimally Impacted by Common Storage Conditions and Additives. Poster Presentation, Center for Microbiome Innovation Meeting, La Jolla, 2024.
- **Lukacz ES**, Fok CS, Bryant M, Rodriguez-Ponciano D, Casas-maya M, Meister M, Mueller M, Lewis CE, Lowder J, Smith AL, Stapleton A, Ayala A, Pakpahan R, Horstch S, Putnam S, Rudser K, Song S, Knight R, **Brubaker L**, For the PLUS Research Consortium. Feasibility of home collection for urogenital microbiome samples. Moderated poster (MP36); Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) 2024 Winter Meeting; Fort Lauderdale, Florida. February 20 – 24, 2024.

ALPERIN, Marianna

Peer-Reviewed Research Publications

- Cardenas-Trowers OO, Parsons TM, Zhao J, Perkerson RB 3rd, Glembotski CC, Zenhausern F, Gurtner GC, **Alperin M**, Kanekiyo T. Comparison of Culturing Methods of Primary Vaginal Fibroblasts. Urogynecology (Phila). 2024 Dec 2. doi: 10.1097/SPV.0000000000001612. Epub ahead of print. PMID: 39621417.
- Duran P, Zelus EI, Burnett LA, Christman KL, **Alperin M**. Repeated birth injuries lead to long-term pelvic floor muscle dysfunction in the preclinical rat model. Am J Obstet Gynecol. 2024 Aug 25:S0002-9378(24)00877-9. doi: 10.1016/j.ajog.2024.08.036. Epub ahead of print. PMID: 39191364.
- Routzong MR, Rieger MM, Cook MS, Ukkari R, **Alperin M**. Sexual Dimorphism in the Architectural Design of Rat and Human Pelvic Floor Muscles. J Biomech Eng. 2024 Oct 1;146(10):101012. doi: 10.1115/1.4066090. PMID: 39082779; PMCID: PMC11369689.

- Zelus EI, Panduro A, Deshmukh I, Grime J, **Alperin M**, Vahabzadeh-Hagh AM, Christman KL. Immunomodulatory extracellular matrix hydrogel induces tissue regeneration in a model of partial glossectomy. *Bioact Mater*. 2024 May 17;38:528-539. doi: 10.1016/j.bioactmat.2024.05.001. PMID: 38803824; PMCID: PMC11128682.
- Henderson T, Christman KL, **Alperin M**. Regenerative Medicine in Urogynecology: Where We Are and Where We Want to Be. *Urogynecology (Phila)*. 2024 May 1;30(5):519-527. doi: 10.1097/SPV.0000000000001461. PMID: 38683203; PMCID: PMC11342648.
- **Alperin M**, Alarab M, Botros-Brey S, Drutz H, King J, Shynlova O. The Future of Basic Science: Development of the Next Generation of Mechanistic Researchers in Female Pelvic Medicine. *Int Urogynecol J*. 2024 Apr;35(4):775-779. doi: 10.1007/s00192-024-05766-8. Epub 2024 Mar 25. PMID: 38523162.
- Lee TC, Walker E, Ting MA, Bolar DS, Koning J, Korn BS, Kikkawa DO, Granet D, Robbins SL, **Alperin M**, Engle EC, Liu CY, Rudell JC. The influence of orbital architecture on strabismus in craniosynostosis. *J AAPOS*. 2024 Feb;28(1):103812. doi: 10.1016/j.jaapos.2023.10.006. Epub 2024 Jan 13. PMID: 38219920.
- Kobayashi AJ, Sesillo FB, Do E, **Alperin M**. Effect of nonsteroidal anti-inflammatory drugs on pelvic floor muscle regeneration in a preclinical birth injury rat model. *Am J Obstet Gynecol*. 2024 Apr;230(4):432.e1-432.e14. doi: 10.1016/j.ajog.2023.12.001. Epub 2023 Dec 6. PMID: 38065378; PMCID: PMC10990831.
- Gimenez C, **Alperin M**, De Vita R. The Effect of Menopause on Vaginal Tissue Mechanics: A Brief Review. *J Biomech Eng*. 2024 Jun 1;146(6):060903. doi: 10.1115/1.4063101. PMID: 37542707.

Review Articles and Book Chapters (Peer-reviewed)

- Henderson T, Christman KL, **Alperin M**. Regenerative Medicine in Urogynecology: Where We Are and Where We Want to Be. *Urogynecology (Phila)*. 2024 May 1;30(5):519-527. doi: 10.1097/SPV.0000000000001461. PMID: 38683203.
- **Alperin M**, Alarab M, Botros-Brey S, Drutz H, King J, Shynlova O. The Future of Basic Science: Development of the Next Generation of Mechanistic Researchers in Female Pelvic Medicine. *Int Urogynecol J*. 2024 Mar 25. doi: 10.1007/s00192-024-05766-8. Online ahead of print. PMID: 38523162.

Invited Presentations

- “Research in Urogynecology: Progress and Future Challenges.” *Invited presentation*. Urogynecology Seminar Series, Departments of Obstetrics and Gynecology and Urology, University of Southern California, January 2024.
- “Research in Urogynecology: Progress and Future Challenges.” *Invited presentation*. Grand Rounds, Departments of Obstetrics, Gynecology and Reproductive Sciences, University of California San Diego, February 2024.

- “Novel Pro-Regenerative Biomaterial for Combating Genitourinary Syndrome of Menopause”. Podium presentation at 2024 SRI Scientific Meeting, Vancouver, Canada, March 2024. Role: Senior Author, PhD Advisor.
- “Novel Non-Invasive MRI Biomarkers of Interstitial Cystitis/Bladder Pain Syndrome”. Podium presentation at 2024 SRI Scientific Meeting, Vancouver, Canada, March 2024. Role: Senior Author, Research Mentor.
- “Novel Non-Invasive MRI Biomarkers of Interstitial Cystitis/Bladder Pain Syndrome”. Podium presentation at 2024 San Diego Glycobiology Symposium, San Diego, CA, April 2024. Role: Senior Author, Research Mentor.
- “Glycoscience in Women’s Health: building bridges.” *Invited presentation*. 2024 San Diego Glycobiology Symposium, San Diego, CA, April 2024.
- “Female Pelvic Floor Muscles Across a Lifespan.” *Invited presentation*. William B. Goddard Lectureship, Department of Obstetrics and Gynecology, Denver, CO, 2024.

Honors and Awards

- 2024 Castle Connolly Exceptional Women
- 2024 Eunice Kennedy Shriver National Institute of Child Health and Human Development Grant, "Prevention of pelvic floor muscle dysfunction with extracellular matrix hydrogel."
- 2024 NIH/National Institute on Aging (NIA) Grant "Regenerative biomaterial for combating genitourinary syndrome of menopause."
- 2024 California Institute for Regenerative Medicine Foundation – Discovery Stage Research Projects for "Harnessing the rejuvenating capacity of pregnancy-associated factors to restore aged stem cell function."

National Leadership

- Chair, Women’s First Research Coalition (WFRC), American Gynecological & Obstetrical Society (AGOS)
- Associate Editor, Translational Gynecology, American Journal of Obstetrics & Gynecology (AJOG)
- Executive Board member, American Urogynecologic Society (AUGS)
- Program Director, Society for Reproductive Investigation (SRI) (term begins 2026)

BRUBAKER, Linda

Peer-Reviewed Research Publications

- Smith AL, Falke C, Rudser KD, McGwin G, Brady SS, **Brubaker L**, Kenton K, LaCoursiere DY, Lewis CE, Low LK, Lowder JL, Lukacz ES, Mueller ER, Newman DK, Nodora J, Markland A, Putnam S, Rickey LM, Rockwood T, Simon MA, Stapleton A, Vaughan CP, Wyman JF, Sutcliffe S; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Bladder health in US women: population-based estimates from the RISE FOR HEALTH study. *Am J Obstet Gynecol*. 2024 Nov 7:S0002-9378(24)01116-5. doi: 10.1016/j.ajog.2024.10.044. Epub ahead of print. PMID: 39521302.
- Brady SS, Cunningham SD, **Brubaker L**, Falke C, James AS, Kenton KS, Low LK, Markland AD, McGwin G, Newman DK, Norton JM, Nuscis K, Rodriguez-Ponciano DP, Rudser KD, Smith AR, Stapleton A, Sutcliffe S, Klusaritz HA; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Associations of financial strain and unmet social needs with women's bladder health. *Am J Obstet Gynecol*. 2024 Aug 5:S0002-9378(24)00817-2. doi: 10.1016/j.ajog.2024.07.042. Epub ahead of print. PMID: 39111516.
- Lukacz ES, Fok CS, Bryant M, Rodriguez-Ponciano DP, Meister MR, Mueller MG, Lewis CE, Lowder JL, Smith AL, Stapleton A, Ayala A, Pakpahan R, Hortsch S, McDonald D, Putnam S, Rudser K, Song SJ, Knight R, **Brubaker L**; PLUS Research Consortium. Feasibility of Home Collection for Urogenital Microbiome Samples. *Urogynecology (Phila)*. 2024 Nov 1;30(11):896-905. doi: 10.1097/SPV.0000000000001544. Epub 2024 Jul 3. PMID: 38958286; PMCID: PMC11502285.
- Carnes MU, Siddiqui NY, Karstens L, Gantz MG, Dinwiddie DL, Sung VW, Bradley M, **Brubaker L**, Ferrando CA, Mazloomdoost D, Richter HE, Rogers RG, Smith AL, Komesu YM; Eunice Kennedy Shriver National Institute of Child Health and Human Development Pelvic Floor Disorders Network. Urinary microbiome community types associated with urinary incontinence severity in women. *Am J Obstet Gynecol*. 2024 Mar;230(3):344.e1-344.e20. doi: 10.1016/j.ajog.2023.10.036. Epub 2023 Oct 30. PMID: 38937257; PMCID: PMC11211640.
- Cunningham SD, Lindberg S, Joinson C, Shoham D, Chu H, Newman D, Epperson N, **Brubaker L**, Low LK, Camenga DR, LaCoursiere DY, Meister M, Kenton K, Sutcliffe S, Markland AD, Gahagan S, Coyne-Beasley T, Berry A; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium*. Association Between Maternal Depression and Lower Urinary Tract Symptoms in Their Primary School-Age Daughters: A Birth Cohort Study. *J Wound Ostomy Continence Nurs*. 2024 Jan-Feb 01;51(1):53-60. doi: 10.1097/WON.0000000000001039. PMID: 38215298; PMCID: PMC10794027.
- 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*. 2024 Jan 11;12(1):e0371223. doi: 10.1128/spectrum.03712-23. Epub 2023 Dec 14. PMID: 38095462; PMCID: PMC10783137.

Review Articles and Book Chapters (Peer-reviewed)

- Moreland RB, **Brubaker L**, Tinawi L, Wolfe AJ. Rapid and accurate testing for urinary tract infection: new clothes for the emperor. Clin Microbiol Rev. 2024 Dec 6:e0012924. doi: 10.1128/cmr.00129-24. Epub ahead of print. PMID: 39641639.
- Chai TC, Wolfe AJ, **Brubaker L**. The Urinary Microbiome: Improving Diagnostics and Management of Urinary Tract Infections in Adult Females. Infect Dis Clin North Am. 2024 Jun;38(2):241-253. doi: 10.1016/j.idc.2024.03.003. PMID: 38729665.
- Brennan C, Chan K, Kumar T, Maissy E, **Brubaker L**, Dothard MI, Gilbert JA, Gilbert KE, Lewis AL, Thackray VG, Zarrinpar A, Knight R. Harnessing the power within: engineering the microbiome for enhanced gynecologic health. Reprod Fertil. 2024 Apr 15;5(2):e230060. doi: 10.1530/RAF-23-0060. PMID: 38513356; PMCID: PMC11046331.

Invited Presentations

- HLA Cohort Presentation Feb 10, 2024.
- Empowering Physician Wellness: UC San Diego's Success Story in Building Robust Support Structures for Lasting Impact, Healthcare Burnout Symposium May 2024.
- Talk & Panel discussion MVIF Microbiome and Women's Health - Pacific Premiere June 2024.
- Moderator, Transplant Symposium September 2024.

National Leadership

- Deputy Editor, Journal of the American Medical Association (JAMA)

BURNETT, Lindsey

Peer-Reviewed Research Publications

- Duran P, Zelus EI, **Burnett LA**, Christman KL, Alperin M. Repeated birth injuries lead to long-term pelvic floor muscle dysfunction in the preclinical rat model. Am J Obstet Gynecol. 2024 Aug 25:S0002-9378(24)00877-9. doi: 10.1016/j.ajog.2024.08.036. Epub ahead of print. PMID: 39191364.
- Koenig JB, **Burnett LA**. Understanding the Role of Obesity and Metabolism in Pelvic Floor Disorders. Urogynecology (Phila). 2024 Apr 1;30(4):389-393. doi: 10.1097/SPV.0000000000001478. Epub 2024 Mar 25. PMID: 38564623.

Review Articles and Book Chapters (Peer-reviewed)

- Koenig J, **Burnett LA**. Understanding the Role of Obesity and Metabolism in Pelvic Floor Disorders. Urogynecology, in press, 2024.

Abstracts

- Fong K, Aung T, Rust E, Alperin M, Schenk S, **Burnett LA**. Defining Architectural Changes in Mouse Pelvic Floor Muscles During Pregnancy to Withstand Physiological Distension Associated with Parturition. American Physiological Society. Poster Presentation, American Physiological Society Meeting, Long Beach 2024.
- Weldon KC, Panitchpakdi M, Wolfe A, Dorrestein PC, Brubaker L, **Burnett LA**. Urinary Metabolome is Minimally Impacted by Common Storage Conditions and Additives. Poster Presentation, Center for Microbiome Innovation Meeting, La Jolla, 2024.
- Fong K, Aung T, Koenig J, Alperin M, Schenk S, **Burnett LA**. Exploring the Impact of Diet-Induced Obesity on Postpartum Pelvic Floor Muscle Recovery: Insights from a Mouse Model. Society for Reproductive Investigation. Poster Presentation, Society for Reproductive Investigation Meeting, Vancouver 2024.
- Fong K, Aung T, Koenig J, Alperin M, Schenk S, **Burnett LA**. Exploring the Impact of Diet-Induced Obesity on Postpartum Pelvic Floor Muscle Recovery: Insights from a Mouse Model. Society for Reproductive Investigation. Poster Presentation, AAP/ASCI/APSA Joint Meeting, Chicago 2024.
- Mesina O, Keverline K, Lukacz E, Santiago-Lastra Y, **Burnett LA**. Correlation Between Urodynamic Evaluation and MESA Incontinence Questionnaire in Classifying the Type of Urinary Incontinence in Spanish Speaking Women at a Single Institution. Poster Presentation, SUFU Meeting, Fort Lauderdale, 2024.

Invited Presentations

- Invited Speaker, *Pelvic Health After Birth Clinic*, 4th Trimester Birth Symposium, San Diego, January 27, 2024.
- Guest Lecturer, *Urinary Incontinence Later in a Woman's Life*, Geriatrics Lecture Series, UC San Diego, June 7, 2024.
- Resident Lecturer, *Managing Pelvic Floor Prolapse*, Department of Obstetrics, Gynecology and Reproductive Sciences, UC San Diego, August 14, 2024.
- Resident Lecture, *SUI*, Department of Obstetrics, Gynecology and Reproductive Sciences, UC San Diego, August 28, 2024.

- Grand Rounds, *Current Management of Postpartum Pelvic Floor Disorders and Emerging Translational Research: Bridging Clinical Practice and Basic Science*, Department of Obstetrics, Gynecology and Reproductive Sciences, UC San Diego, Sept 25, 2025.

Honors and Awards

- 2024 Women's Health Across the Lifespan Scholar Program 2024 Cohort: Selected to participate in the NHLBI and ORWH Women's Health Across the Lifespan Workshop.
- 2024 National Center of Leadership in Academic Medicine 2024 Scholar: Selected to participate in the UC San Diego National Center of Leadership in Academic Medicine program.
- 2024 UCSD Sanford Institute for Empathy and Compassion Grant, *"Exploring Social Factors in Resilience Against Burnout in Birth Trauma."*
- 2024 Academic Senate Award, *"The Role of Bystander Empathy in Recovery from Birth Trauma."*

National Leadership

- American Urogynecologic Society (AUGS) Representative, Women's First Research Coalition (WFRC), American Gynecological & Obstetrical Society (AGOS)

FERRANDO, Cecile

Peer-Reviewed Research Publications

- Gaines B, Dy GW, Nikolavsky D, **Ferrando CA**, Bluebond-Langner R, Zhao LC. Urinary reconstruction in genital gender-affirming surgery: checking our surgical complication blind spots. *Plast Reconstr Surg* 2024;153(4):792e-803e.
- Rangi S, Rehmer J, **Ferrando CA**. Prevalence of polycystic ovarian syndrome in young and adolescent transmasculine patients presenting for gender affirming care. *J Ped Adoles Gynecol* 2024;37(1):51-55
- Ross J, Wallace S, Propst K, Vogler S, **Ferrando CA**. Patient outcomes following robotic ventral rectopexy with sacrocolpopexy. *Urogynecology* 2024;30(4):425-432.
- Sinha A, **Ferrando CA**. Persistent and de novo stress urinary incontinence after minimally invasive sacrocolpopexy. *Urogynecology* 2024;30(9):742-752.

- Carnes MU, Siddiqui NY, Karstens L, Gantz MG, Dinwiddie DL, Sung VW, Bradley M, Brubaker L, **Ferrando CA**, Mazloomdoost D, Richter HE, Rogers RG, Smith AL, Komesu YM. Urinary microbiome community types associated with urinary incontinence severity in women. *Am J Obstet Gynecol* 2024;230(3):344e1-344e20.
- Yuan AS, Propst KA, Ross JH, Wallace SL, Paraiso MFR, Park AJ, Chapman GC, **Ferrando CA**. Restrictive opioid prescribing after surgery for prolapse and incontinence: a randomized, noninferiority trial. *Am J Obstet Gynecol* 2024;230(3):340e1-340e13.
- Ross J, Sears S, Vasavada S, Mangel JM, **Ferrando CA**. Does the Setting for Intradetrusor OnabotulinumtoxinA Injection for Management of Overactive Bladder Matter?. *Indian J Urol* 2024;40(2):101-106.
- Akesson C, Richards E, Yao M, Ross J, Grima J, May L, Roversi G, **Ferrando CA**. Pelvic floor dysfunction among persons with Marfan and Loeys-Dietz Syndrome. *Urogynecol* 2024;30(9):781-789.
- Wood N, **Ferrando CA**, Higgins E. Resident education in urogynecologic procedures through stepwise simulation: puerperium to prolapse. *J Surg Sim* 2024 [In Press].
- Grimstad FW, Boskey ER, Clark RS, **Ferrando CA**. Incidence of breakthrough bleeding in transgender and gender diverse individuals on long-term testosterone. *Am J Obstet Gynecol* 2024;230(4):434e1-434e10.
- Lua-Mailland LL, Stanley EE, Yao M, Paraiso MFR, Wallace SL, **Ferrando CA**. Healthcare resource utilization following minimally invasive sacrocolpopexy: impact of concomitant rectopexy. *Int Urogynecol J* 2024;35(5):1001-1010.
- Halder GE, **Ferrando CA**, Rogers R, Elhenawy C, Grimes CL, Balgobin S, Kho RM, Sokol AI. The SurVey of barriers for Vaginal access surgery (SaVVY) Study. *J Minim Invasive Gynecol* 2024 [In Press].
- Grimstad FW, Boskey ER, Staffa SJ, Streed CG, Dalke KB, Barats A, Chubak B, **Ferrando C**. Survey of urogynecology fellows on the care of patients with dsd/intersex traits. *Int Urogynecol J*. 2024 [In Press].
- Lee SK, Keller C, Yao M, Propst K, **Ferrando CA**. Evaluation of comprehensive documentation after obstetric anal sphincter injury. *Int J Urogynecol* 2024 [In Press].
- Roversi GA, Strasburg J, Genco L, **Ferrando CA**. Referral patterns for the interdisciplinary care of chronic pelvic pain. *Journal of Endometriosis and Pelvic Pain Disorders*. 2024 [In Press].
- Schafer RE, Fodor R, Marlar R, Jensen KK, Isakov R, **Ferrando C**, Rampazzo A, Bassiri Garb B. Non-binary and transgender male patient preferences for gender-affirming top surgery. *Ann Plast Surg* 2024 [In Press].
- Lua-Mailland LL, Nowacki AS, Paraiso MFR, Park AJ, Wallace SL, **Ferrando CA**. Virtual vs in-office postoperative visits following urogynecologic surgery: a randomized controlled trial. *Obstet Gynecol* 2024;144(4):562-572.

Abstracts

- Eble D, Tannon T, Nguyen A, Skokan A, Hagedorn J, Sorensen M, Friedrich J, Kraft K, Kremer M, **Ferrando C**, Janis J, Kuzon W, Ettinger R, Morrison S. Conscientious Objection to Gender-Affirming Care in Plastic Surgery, Urology, and Obstetrics and Gynecology Training Programs. Accepted for Oral Presentation at the American Society for Reconstructive Microsurgery Annual Meeting. Nassau, Bahamas. January 14, 2024.
- Nguyen A, Eble D, Tople T, Roblee C, **Ferrando C**, Friedrich J, Gardner SL, Hagedorn J, Inwards-Breland D, Janis J, Kraft K, Kremer M, Kuzon W, Skokan A, Sorensen M, Ettinger R, Morrison S. Conscientious Objection to Gender-Affirming Care in Plastic Reconstructive Surgery, Urology, Obstetrics and Gynecology, and Pediatric Training Programs. Accepted for Poster Presentation at the American Council of Educators in Plastic Surgery Winter Meeting, February 22-25, 2024.
- Rahman S, **Ferrando CA**. Bilateral Orchiectomy for Gender Affirmation: A video Guide for Urogynecologists. Accepted for Oral Presentation at the American Urogynecologic Society PFD Week, October 23, 2024.
- Rahman S, **Ferrando CA**. Clitoral Anatomy of the Transfeminine Patient. Accepted for Oral Presentation at the Society for Gynecologic Surgeons 51st Annual Scientific Meeting, April 1, 2025.
- **Ferrando CA**. Does Trainee Involvement in Genital Gender Affirmation Affect Surgical Outcomes? Accepted for Poster Presentation at the Society for Gynecologic Surgeons 51st Annual Scientific Meeting, April 1, 2025.
- Rahman S, **Ferrando CA**. Clitoral Sensation and Report of Orgasm Following Vulvoplasty and Vaginoplasty Surgery in Transgender Women. Accepted for Oral Presentation at the Society for Gynecologic Surgeons 51st Annual Scientific Meeting, April 1, 2025.

Invited Presentations

- **Ferrando CA**. Gynecologic Care of Patients Undergoing Vaginoplasty. Cleveland OBGYN Society, Cleveland, OH, 1/2024.
- **Ferrando CA**. Advancing Patient Care: Gender Affirming Practices & Creating Inclusive Environments. Medscape. Women's Health Master Class Enduring Program, Virtual, 11/2024.

Honors and Awards

- Primary Investigator: PCORI: Bulking versus Sling for Treating Stress Urinary Incontinence at the Time of Vaginal Prolapse Repair. \$9,216,024.

National Leadership

- Chair, Mentorship Program, American Gynecological & Obstetrical Society (AGOS)

LUKACZ, Emily

Peer-Reviewed Research Publications

- Sutcliffe S, Falke C, Fok CS, Griffith JW, Harlow BL, Kenton KA, Lewis CE, Low LK, Lowder JL, **Lukacz ES**, Markland AD, McGwin G, Meister MR, Mueller ER, Newman DK, Pakpahan R, Rickey LM, Rockwood T, Simon MA, Smith AR, Rudser KD, Smith AL. Lower Urinary Tract Symptoms in US Women: Contemporary Prevalence Estimates from the RISE FOR HEALTH Study. *J Urol*. 2024 Jul;212(1):124-135. doi: 10.1097/JU.0000000000004009. Epub 2024 May 4. PMID: 38703067; PMCID: PMC11166514.
- **Lukacz ES**, Fok CS, Bryant M, Rodriguez-Ponciano DP, Meister MR, Mueller MG, Lewis CE, Lowder JL, Smith AL, Stapleton A, Ayala A, Pakpahan R, Hortsch S, McDonald D, Putnam S, Rudser K, Song SJ, Knight R, Brubaker L; PLUS Research Consortium. Feasibility of Home Collection for Urogenital Microbiome Samples. *Urogynecology (Phila)*. 2024 Nov 1;30(11):896-905. doi: 10.1097/SPV.0000000000001544. Epub 2024 Jul 3. PMID: 38958286; PMCID: PMC11502285.
- Harlow BL, McGwin G Jr, Sutcliffe S, Fitzgerald CM, Lowder JL, Newman DK, Meister M, Camenga DR, Stapleton A, Chary V, **Lukacz ES**. Genital Pain and the Spectrum of Bladder-Related Symptoms: Findings from the Prevention of Lower Urinary Tract Symptoms Research Consortium RISE FOR HEALTH Study, USA. *Int Urogynecol J*. 2024 Sep;35(9):1777-1787. doi: 10.1007/s00192-024-05868-3. Epub 2024 Jul 13. PMID: 39002046.
- Rickey LM, Mueller ER, Newman DK, Markland AD, Falke C, Rudser K, Smith AL, Mueller MG, Lowder JL, **Lukacz ES**; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Reliability of Uroflowmetry Pattern Interpretation in Adult Women. *Neurourol Urodyn*. 2024 Nov;43(8):2084-2092. doi: 10.1002/nau.25584. Epub 2024 Sep 12. PMID: 39264028.
- Smith AL, Falke C, Rudser KD, McGwin G, Brady SS, Brubaker L, Kenton K, LaCoursiere DY, Lewis CE, Low LK, Lowder JL, **Lukacz ES**, Mueller ER, Newman DK, Nodora J, Markland A, Putnam S, Rickey LM, Rockwood T, Simon MA, Stapleton A, Vaughan CP, Wyman JF, Sutcliffe S; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Bladder health in US women: population-based estimates from the RISE FOR HEALTH study. *Am J Obstet Gynecol*. 2024 Nov 7:S0002-9378(24)01116-5. doi: 10.1016/j.ajog.2024.10.044. Epub ahead of print. PMID: 39521302.
- Shah NM, **Lukacz ES**, Ferrante KL, Menefee SA. Transcutaneous Tibial Nerve Stimulation for Urge Incontinence: A Randomized Clinical Trial. *Urogynecology (Phila)*. 2024 Dec 3. doi: 10.1097/SPV.0000000000001616. Epub ahead of print. PMID: 39621424.

Review Articles and Book Chapters (Peer-reviewed)

- **Lukacz ES.** Female urinary incontinence: Evaluation. In: UpToDate, Post TW (Ed), UpToDate, Waltham, MA. (Topic last updated: Nov 5, 2024.)
- **Lukacz ES.** Patient education: Urinary incontinence treatments for women (Beyond the Basics). In: UpToDate, Post TW (Ed), UpToDate, Waltham, MA. (Topic last updated: May 06, 2024)
- **Lukacz ES.** Patient education: Urinary incontinence in women (Beyond the Basics). In: UpToDate, Post TW (Ed), UpToDate, Waltham, MA. (Topic last updated: July 03, 2024.)
- **Lukacz ES.** Female Urinary Incontinence: Treatment. In: UpToDate, Post TW (Ed), UpToDate, Waltham, MA. (Topic last updated: February 22, 2024.)
- Lippmann Q, **Lukacz ES.** Urogynecologic surgery: Perioperative care issues. In: UpToDate. Post TW (ED), Waltham, MA. (Topic last updated: Nov 15, 2024.)
- **Lukacz ES.** Urgency urinary incontinence/overactive bladder (OAB) in females: Treatment. In: UpToDate, Post TW (Ed), UpToDate, Waltham, MA. (Topic last updated: Nov 14, 2024.)

Abstracts

- Pangelina C, Bergman J, Fantus R, Grisales T, Koola J, **Lukacz E**, Millen M, Okamuro K, Reuben D, Santiago-Lastra Y, Singer J, Stand A, Tai-Seale M, Vaida F, Ward K, Wenger N, Zhu X, Anger J, Souders C. Clinical Decision Support Tools Development for Use in Primary Care Treatment of Urinary Incontinence. Presented at SUFU Winter Meeting, *Neurourol Urodyn*. Feb 24, 2024. *Clinical Decision Support Tools Development for Use in Primary Care Treatment of Urinary Incontinence* (Podium Presentation).
- Pangelina C, Bergman J, Fantus R, Grisales T, Koola J, **Lukacz E**, Millen M, Okamuro K, Reuben D, Santiago-Lastra Y, Singer J, Stand A, Tai-Seale M, Vaida F, Ward K, Wenger N, Zhu X, Souders C, Anger J. E-consult Adaptation for Improved Use in Primary Care Treatment of Urinary Incontinence. Presented at SUFU Winter Meeting, *Neurourol Urodyn*. Feb 23, 2024. *E-consult Adaptation for Improved Use in Primary Care Treatment of Urinary Incontinence* (Podium Presentation).
- Pangelina C, Bergman J, Fantus R, Grisales T, Koola J, **Lukacz E**, Millen M, Okamuro K, Reuben D, Santiago-Lastra Y, Singer J, Stand A, Tai-Seale M, Vaida F, Ward K, Wenger N, Zhu X, Souders C, Anger J. Multi-language Screening Tool Implementation for Use in Primary Care Treatment of Urinary Incontinence. Presented at SUFU Winter Meeting, *Neurourol Urodyn*. Feb 23, 2024. *Multi-language Screening Tool Implementation for Use in Primary Care Treatment of Urinary Incontinence* (Open-moderated Poster).

- **Lukacz ES**, Fok CS, Bryant M, Rodriguez-Ponciano D, Casas-maya M, Meister M, Mueller M, Lewis CE, Lowder J, Smith AL, Stapleton A, Ayala A, Pakpahan R, Horstch S, Putnam S, Rudser K, Song S, Knight R, Brubaker L, For the PLUS Research Consortium. Feasibility of home collection for urogenital microbiome samples. Moderated poster (MP36); Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) 2024 Winter Meeting; Fort Lauderdale, Florida. February 20 – 24, 2024.
- Sutcliffe S, Falke C, Fok C, Harlow BL, Kenton K, Lewis CE, Low LK, Lowder JL, **Lukacz ES**, Markland AD, McGwin G, Meister MR, Mueller ER, Newman DK, Pakpahan R, Rickey LM, Rockwood T, Smith A, Smith E, Rudser KD, Smith AL; Prevalence of lower urinary tract symptoms in the US population: contemporary estimates from the RISE FOR HEALTH (RISE) study. Presented as a Podium Presentation at: Society of Urodynamics, Female Pelvic Medicine and Urogenital Reconstruction (SUFU) 2024 Winter Meeting; Fort Lauderdale, Florida. February 20 – 24, 2024.
- Mesina, O., Keverline, K., **Lukacz, E.**, Burnett, L., Santiago-Lastra, Y. “Correlation Between Urodynamic Evaluation and MESA Incontinence Questionnaire in Classifying the Type of Urinary Incontinence in Spanish Speaking Women at a Single Institution.” 2024 Society of Urodynamics, Female Pelvic Medicine & Urogenital Reconstruction Winter Meeting Fort Lauderdale, FL.
- Sutcliffe S, Falke C, Fok C, Harlow BL, Kenton K, Lewis CE, Low LK, Lowder JL, **Lukacz ES**, Markland AD, McGwin G, Meister MR, Mueller ER, Newman DK, Pakpahan R, Rickey LM, Rockwood T, Smith A, Smith E, Rudser KD, Smith AL; Prevalence of lower urinary tract symptoms in the US population: contemporary estimates from the RISE FOR HEALTH (RISE) study . Presented as a moderated poster presentation at: American Urological Association’s 2024 Annual Meeting, May 3-6, 2024; San Antonio, TX.
- Sutcliffe S, Falke C, Fok C, Harlow BL, Kenton K, Lewis CE, Kane Low L, Lowder JL, **Lukacz ES**, Markland AD, McGwin G, Meister MR, Mueller ER, Newman DK, Pakpahan R, Rickey LM, Rockwood T, Smith A, Smith E, Ruder KD, Smith AL, for the Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium; Prevalence of Lower Urinary Tract Symptoms in the US Population: Contemporary Estimates from the RISE FOR HEALTH (RISE) Study. Podium Presentation at: ICS 2024 Annual Meeting, October 23-24, 2024: Madrid, Spain.
- Newman DK, Wyman J, Sutcliffe S, McGwin G, Elgayar SM, Fitzgerald CM, **Lukacz ES**, Kenton K, Kane Low L, LaCoursiere DY, Meister MR, Rodriguez-Ponciano DP, Smith A, for the Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium; Distribution of pelvic floor muscle function in a population-based study of US women. Open Discussion ePoster at: ICS 2024 Annual Meeting, October 23-24, 2024: Madrid, Spain.
- **Lukacz ES**, McDonald D, Bryant M, Putnam S, Rudser K, Fok C, Meister M, Mueller M, Lewis CE, Knight R, Brubaker L; Concordance of Urobiome Findings in Self-collected Urine: Home vs. Research Site. Oral Presentation at: AUGS 2024 Annual Meeting, October 22-25, 2024; Washington, DC.

Invited Presentations

- Invited Speaker (annually), UC San Diego Health Sciences Leadership and Management Scholars program, April 22, 2024, “Leading Up.”
- Presenting Author, 2024 AUGS PFD Week, Washington, DC, October 22-25, 2024, “Concordance of Urobiome Findings in Self-collected Urine: Home vs. Research Site.”

Honors and Awards

- 2024 Castle Connolly Top Doctor

National Leadership

- Executive Board member and President Elect (term begins 2026), American Urogynecologic Society (AUGS)

NAGER, Charles

Peer-Reviewed Research Publications

- Yadav GS, Pandit K, Connell PT, Erfani H, **Nager CW**. Comparative Analysis of Performance of Large Language Models in Urogynecology. Urogynecology (Phila). 2024 Jun 27. doi: 10.1097/SPV.0000000000001545. Epub ahead of print. PMID: 38954607.