

DEPARTMENT OF OBSTETRICS, GYNECOLOGY, AND REPRODUCTIVE SCIENCES
2020 DEPARTMENT CURRICULUM VITAE
Executive Summary

() is number of faculty in the division	Department Total (64)	Family Planning (3)	FPMRS (4)	General OG (18)	GynOnc (7)	Hospitalist (7)	MFM (13)	REI (12)
Peer-Reviewed Research Publications	168	11	28	3	25	7	46	48
Review Articles and Book Chapters	25	0	1	2	1	3	14	4
Abstracts	87	4	9	0	31	9	9	25
Invited Presentations	56	0	10	1	8	1	16	20
Honors and Awards	29	0	4	12	1	5	3	4

Scholarly work with multiple faculty members across divisions

Peer-Reviewed Research Publications

- **LaCoursiere DY, Eskander, R, Miller CB, Brubaker L.** Rapid Reorganization of an Academic OBGYN Workforce During the COVID-19 Pandemic. (In press)
- Herrero T, Driebe A, Fratto V, Hamlin A, **Lacoursiere DY, Ramos GA.** Positive antenatal Edinburgh Depression Scale: examining behavioral and pharmacological therapy on maternal and neonatal outcomes. J Matern Fetal Neonatal Med. 2020 Jan;33(2):212-216. doi: 10.1080/14767058.2018.1488162. Epub 2018 Jul 22. PMID: 30033785.
- Brady SS, **Brubaker L**, Fok CS, Gahagan S, Lewis CE, Lewis J, Lowder JL, Nodora J, Stapleton A, Palmer MH. Development of Conceptual Models to Guide Public Health Research, Practice, and Policy: Synthesizing Traditional and Contemporary Paradigms. Health Promot Pract. 2020 Jan 7;:1524839919890869. doi: 10.1177/1524839919890869. [Epub ahead of print] PubMed PMID: 31910039. Collaborators: Mueller E, Fitzgerald CM, Hardacker CT, Hebert-Beirne J, Lavender M, Shoham DA, Burgio K, Markland A, McGwin G, Williams B, **Lukacz ES, LaCoursiere DY**, Nodora JN, Miller JM, An LC, Low LK, Newman DK, Berry A, Epperson

CN, Schmitz KH, Smith AL, Wyman J, Sutcliffe S, McNicholas C, James A, Lowder J, Rickey L, Camenga D, Cunningham SD, Chai T, Lewis JB, Harlow B, Rudser K, Connett J, Chu H, Fok C, Rockwood T, Constantine M.

Abstracts

- Remote Clinical Learning in the OB/GYN Clerkship Rotation: An Innovative Strategy During COVID-19 J. **Cormano, M. Hoang**, C.S. Coffey, **S. Mody** Oral abstract, APGO/CREOG Annual Meeting March 2021
- G Zornberg, M. Lyall, T Herrero, **DY LaCoursiere, G Ramos**. Antepartum Edinburgh Depression Score: Implications for postpartum care. ACOG Annual Meeting, electronic presentation 2020

Review Articles and Book Chapters (Peer-reviewed)

- **Kelly TF**, Savides T. Gastrointestinal Disorders in Pregnancy. Creasy R, Resnik R, Iams J, Lockwood C, Moore T, Greene M (eds), Maternal Fetal Medicine-Principle and Practice. 8th Edition. Elsevier, Philadelphia (In Press)
- Smid M, **Kelly TF, LaCoursiere DY**. Obesity in Pregnancy. In Creasy R, Resnik R, Iams J, Lockwood C, Moore T, Silver R (eds), Maternal Fetal Medicine- Principles and Practice 8th Edition, Philadelphia, Elsevier (In Press)

List by division (alpha)

FAMILY PLANNING (n=3)

AVERBACH, Sarah

Peer-Reviewed Research Publications

- **Averbach S**, Ermias Y, Jeng G, Curtis K, Whiteman M, Berry-Bibee E, Jamieson D, Marchbanks P, Tepper N, Jatloui T. Expulsion of intrauterine devices after postpartum placement by timing of placement, delivery type, and IUD type: a systematic review and meta-analysis. *Am J Obstet Gynecol*. 2020 Mar 3. pii: S0002-9378(20)30236-2. PMID: 3214826.
- Chen G, Silverman JG, Dixit, A, Begum S, Ghule M, Battala M, Johns NE, Raj A, **Averbach, S**. Intimate Partner Violence and Family Planning in Rural India. *Eclinical Medicine, The Lancet* 2020: ecollection 2020 April. 21:100318. PMID 32322807.
- Silverman JG, Challa S, Boyce SC, **Averbach S**, Raj, A. Associations of reproductive coercion and intimate partner violence with reproductive health among married adolescent girls in Niger. *Eclinical Medicine, The Lancet, in press*
- Smith-McCune K, Thomas R, **Averbach S**, Seidman D, Takeda M, Houshdaran S, Giudice L. Differential Effects of the Hormonal and Copper Intrauterine Device on the Endometrial Transcriptome. 2020: *Nature, Scientific Reports* 2020: 10(1)6888 PMID: 32327684.
- Johns NE, Dixit A, Ghule M, Begum S, Battala M, Kully G, Silverman J, Dehlendorf C, Raj A, **Averbach S**. Validation of the Interpersonal Quality of Family Planning Scale in a rural Indian setting. *Contraception*. 2020 2:100035. eCollection 2020. PMID: 32793878.
- Seidman D, Cavois M, Hilton JF, Roan NR, **Averbach S**, Takeda M, Chang E, Raman N, Shacklett B, Smith-McCune K. Reproductive tract immune cells from pregnant women or those using depot medroxyprogesterone acetate show no excess susceptibility to HIV-1: results of an ex vivo fusion assay. *Contraception*. 2020 (20)30343-7. PMID: 33007299.
- El Ayadi AM, Rocca CH, **Averbach S**, Goodman S, Darney PD, Patel A, Harper CC. Intrauterine devices and sexually transmitted infection among older adolescents and young adults in a cluster randomized trial. *Journal of Adolescent and Pediatric Gynecology*. 2020. Dec 1:S1083-3188(20) epub ahead of print. PMID: 33276125.

Abstracts

- **Crouthamel B**, Dixit A, Pearson E, Menzel J, Paul D, Aqtar F, Shakhider A, Silverman J, **Averbach S**. Intimate partner violence is associated with self-managed abortion in Bangladesh. Poster presentation, Society of Family Planning Annual Meeting, October 2020. Published as an abstract in *Contraception*, Vol. 102, Issue 4.

Invited Manuscript

- **Averbach, S**. Beyond preserving Roe: Honoring Ruth Bader Ginsburg by promoting gender equity and reproductive justice. *EClinicalMedicine*. 2020 Oct 15;27:100595. PMID: 33103090

GUPTA, Pratima

Peer-Reviewed Research Publications

- Leininger WM, **Gupta P**. One Hundred Years of Women's Suffrage: Health Care Advocacy, and Why We Vote [published online ahead of print, 2020 Jul 9]. *Obstet Gynecol*. 2020; 10.1097

MODY, Sheila

Peer-Reviewed Research Publications

- Godfrey EM, **Mody S**, Schwartz MR, et al. Contraceptive use among women with cystic fibrosis: A pilot study linking reproductive health questions to the Cystic Fibrosis Foundation National Patient Registry. *Contraception*. 2020;101(6):420-6.
- **Mody S**, Cansino C, Rible R, Farala JP, Steinauer J, Harken T; University of California Family Planning Collaborative. Contraceptive use among women with medical conditions: Factors that influence method choice. *SeminPerinatol*. 2020 Aug;44(5):151310. doi: 10.1016/j.semperi.2020.151310. Epub 2020 Aug 20. PMID: 32888723.

Abstracts

- Dutton C, **Mody S**, Nippita S, Dodge L, Pang P, Pennell P, Davis A. A pilot study to evaluate the interaction of enzyme-inducing anti-seizure medications with depot medroxyprogesterone acetate (DMPA). Society of Family Planning Conference 2020.
- **Cormano J, Hoang M**, Coffee C, **Mody S**. Remote Clinical Learning in the OB/GYN Clerkship: An Innovative Strategy During COVID19. Oral abstract presentation accepted for Virtual CREOG APGO Annual Meeting 2021.

FEMALE PELVIC MEDICINE AND RECONSTRUCTIVE SURGERY

Scholarly work involved multiple members of this division:

- Schmitz KH, **Brubaker L**, Brady SS, Sutcliffe S, **Lukacz ES**, Miller JM, Harlow BL, Rudser K, James A, Burgio KL, Newman DK, Palmer MH, Bavendam TG; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Is the juice worth the squeeze? Transdisciplinary team science in bladder health. *Neurourol Urodyn*. 2020 Jun;39(5):1601-1611. doi: 10.1002/nau.24357. Epub 2020 Apr 22. PMID: 32320497.
- Siobhan Sutcliffem, Charles Cain, Tamara Bavendam, C. Neill Epperson, Colleen M. Fitzgerald, Sheila Gahagan, Alayne D. Markland, David A. Shoham, Ariana L. Smith, Kyle Rudser. Revisiting the Spectrum of Bladder Health: Relationships Between Lower Urinary Tract Symptoms and Multiple Measures of Well-Being Prevention of Lower Urinary Tract Symptoms Research Consortium* **Linda Brubaker**, Elizabeth R. Mueller, Cecilia T. Hardacker, Jeni Hebert-Beirne, Missy Lavender, Kathryn L. Burgio, Cora E. Lewis, Gerald McGwin, Jr., Camille P. Vaughan, Beverly Rosa Williams, **Emily S. Lukacz**, **D. Yvette La-Coursiere**, Jesse Nodora, Janis M. Miller, Lawrence Chin-I An, Lisa Kane Low, Bernard L. Harlow, Sonya S. Brady, Haitao Chu, John Connett, M.L. Constantine, Cynthia S. Fok, Todd Rockwood, Amanda Berry, Kathryn H. Schmitz, Ann E. Stapleton, Jean F. Wyman, Aimee S. James, Jerry L. Lowder, Melanie R. Meister, Leslie M. Rickey, Deepa R. Camenga, Shayna D. Cunningham, Toby C. Chai, Jessica Lewis, Mary H. Palmer, Ziya Kirkali, Chris Mullins, Jenna Norton. *Journal of Women's Health* (2002) 29(8):1077-1090 Aug 2020.

ALPERIN, Marianna

Peer-Reviewed Research Publications

- Boscolo Sesillo F, Wong M, Cortez A, **Alperin M**. Isolation of muscle stem cells from rat skeletal muscles. *Stem Cell Res*. 2020 Mar;43:101684. doi: 10.1016/j.scr.2019.101684. Epub 2019 Dec 10. PMID: 31931473.
- Burnett LA, Cook M, Shah S, Wong M, Kado DM, **Alperin M**. Age-associated changes in the mechanical properties of human cadaveric pelvic floor muscles. *J Biomech*. 2020 Jan 2;98:109436. doi: 10.1016/j.jbiomech.2019.109436. PMID: 31708240

Review Articles and Book Chapters (Peer-reviewed)

- Duran P, **Alperin M**, Christman K. Decellularized Extracellular Matrix Hydrogels: Fabrication, Properties,

Characterization, and Current Applications. In: Yamaoka, T; Hoshiba, T. Biomaterials Science Series No. 6. The Royal Society of Chemistry 2020

Invited Presentations

- “What is Our Understanding of Pelvic Organ Prolapse Based on Basic Science Research?” State-of-the-art invited presentation at 2020 PFD Week, AUGS Virtual Annual Meeting, October 2020.
- “Muscle Stem Cells of the Female Pelvic Floor Muscles.” Research Day, Department of Obstetrics, Gynecology, and Reproductive Sciences, University of California, San Diego, June 2020. Role: Senior Author, Research Mentor. *Best Basic Science Research Award.*

Abstracts and Meeting Presentations

- “High-Resolution Characterization of the Intramuscular Extracellular Matrix across Non-Pregnant to Postpartum Continuum in the Rat Model.” Podium presentation at 2020 PFD Week, AUGS Virtual Annual Meeting, October 2020. Role: Senior Author, Fellow Research Mentor.
- “Load-induced Sarcomerogenesis Alters the Physiological Limits of the Pelvic Floor Muscles in the Pre-Clinical Rat Model.” Podium presentation at 2020 PFD Week, AUGS Virtual Annual Meeting, October 2020. Role: Senior Author, Fellow Research Mentor.
- “Quantification of the Pelvic Floor Muscle Fascicle Orientations for Computational Applications.” Podium presentation at 2020 PFD Week, AUGS Virtual Annual Meeting, October 2020. Role: Senior Author, Doctorate Candidate Research Mentor.
- “A Novel Use of Video Urodynamics: A pilot study of statistical shape modeling to understand bladder function”. Podium presentation at 2020 ICS Virtual Annual Meeting, November 2020. Role: co-Author, Fellow Research Mentor.

Awards and Honors

- Senior Author on presentation winning best Basic Science Research Award, Department of Obstetrics, Gynecology and Reproductive Sciences Research Day, University of CA San Diego.
- “Top Docs” by *San Diego Magazine*’s “Physicians of Exceptional Excellence” survey.

Peer-Reviewed Research Publications

- Price TK, Lin HL, Gao X, Thomas-White K, Hilt E, Mueller ER, Wolfe AJ, Dong Q and **Brubaker L**. Bladder Bacterial Diversity Differs in Continent and Incontinence Women: A Cross-Sectional Study. *Am J Obstet Gynecol*. 2020 Nov;223(5):729.e1-729.e10. doi: 10.1016/j.ajog.2020.04.033. Epub 2020 May 5.
- Akbar A, Liu K, Michos R, **Brubaker L**, Markossian T and Kramer H. Racial differences in urinary incontinence prevalence and associated bother: the Multi-Ethnic Study of Atherosclerosis Available *Am J OG* online 19 July 2020
- Jakus-Waldman S, **Brubaker L**, Jelovsek JE, Schaffer J, Ellington DR, Mazloomdoost D, Whitworth R, and Gantz MG for the NICHD Pelvic Floor Disorders Network (PFDN). Risk Factors for Surgical Failure and Worsening Pelvic Floor Symptoms Up To 5 Years After Vaginal Prolapse Repair. *Obstet Gynecol*: [November 2020 - Volume 136 - Issue 5 - p 933-941](#) doi: 10.1097/AOG.0000000000004092
- Wolfe A and **Brubaker L**. Ur-ine Old Age: Urinary Microbiome of Older Community Dwelling Women. Preview article *Cell Host and Microbe* <https://doi.org/10.1016/j.chom.2020.07.012>
- Siegel L, Rudser K, Sutcliffe S, Markland A, **Brubaker L**, Gahagan S, Stapleton AE, Chu H. A Bayesian multivariate meta-analysis of prevalence data. *Statistics in Medicine* First published: 08 June 2020 <https://doi.org/10.1002/sim.8593>
- Smith AL, Rickey L, Fok C, Brady S, Lowder J, Markland A, Mueller ER, Sutcliffe S, Bavendam T and **Brubaker L**. Laying the Foundation for Bladder Health Promotion in Women and Girls. *Urology* 2020. Mar 18;S0090-4295(20)30283-1. doi: 10.1016/j.urology.2020.03.011. Online ahead of print.
- Shoham D, Wang Z, Lindberg S, Chu H, **Brubaker L**, Brady S, Camenga D, Coyne-Beasley T, Fitzgerald C, Gahagan S, Harlow B, Joinson C, Low L, Markland A, Newman D, Smith A, Stapleton A, Sutcliffe S and Berry A. School Toileting Environment, Bullying and Lower Urinary Tract Symptoms (LUTS) in a Population of Adolescent and Young Adult Girls: Preventing Lower Urinary Tract Symptoms (PLUS) Analysis of Avon Longitudinal Study of Parents and Children (ALSPAC). *Urology* 2020 Jul 14;S0090-4295(20)30827-X. doi: 10.1016/j.urology.2020.06.060. Online ahead of print.
- Price TK, Wolff B, Halverson T, Limeira R, **Brubaker L**, Dong Q, Mueller E and Wolfe A. Temporal Dynamics of the Adult Female Lower Urinary Tract Microbiota. *mBio*. Apr 2020, 11 (2) e00475-20; DOI: 10.1128/mBio.00475-20
- Price TK, Lin H, Gao X, Thomas-White K, Hilt E, Mueller E, Wolfe A, Dong Q and **Brubaker L**. Urinary Incontinence in a Urogynecologic Population Is Associated with Bladder Bacterial Diversity. *AJOG*. 2020

- Brady, S. S., **Brubaker, L.**, Fok, C. S., Gahagan, S., Lewis, C. E., Lewis, J., Lowder, J. L., Nodora, J., Stapleton, A., & Palmer, M. H., for the PLUS Research Consortium. (2020). Development of conceptual models to guide public health research, practice, and policy: Synthesizing traditional and contemporary paradigms. *Health Promotion Practice*, 21 (4), 510-524.
- Aslam S, Albo M and **Brubaker L.** Recurrent Urinary Tract Infections in Adult Women. *JAMA* 2020 Jan 29. doi: 10.1001/jama/2019.21377.
Hardacker, C.T.; Baccellieri, A.; Mueller, E.R.; **Brubaker, L.**; Hutchins, G.; Zhang, J.L.Y.; Hebert-Beirne, J. Reply to Comment on Hardacker, C.T.; Baccellieri, A.; Mueller, E.R.; Brubaker, L.; Hutchins, G.; Zhang, J.L.Y.; Hebert-Beirne, J. Bladder Health Experiences, Perceptions and Knowledge of Sexual and Gender Minorities. *Int. J. Environ. Res. Public Health* 2019, 16, 3170. *Int. J. Environ. Res. Public Health* 2020, 17(7), 2458.

Invited Manuscript:

- **Brubaker L.** Women Physicians and the COVID-19 Pandemic. *JAMA* 2020;324(9):835–836. doi:10.1001/jama.2020.14797.

LUKACZ, Emily

Peer-Reviewed Research Publications

- Harvie HS, Amundsen CL, Neuwahl SJ, Honeycutt AA, **Lukacz ES**, Sung VW, Rogers RG, Ellington D, Ferrando CA, Chermansky CJ, Mazloomdoost D, Thomas S. Cost-Effectiveness of Sacral Neuromodulation versus OnabotulinumtoxinA for Refractory Urgency Urinary Incontinence: Results of the ROSETTA Randomized Trial. *J Urol.* 2020 May;203(5):969-977. doi: 10.1097/JU.0000000000000656. Epub 2019 Nov 18. PMID: 31738113.
- Rogers RG, Bann CM, Barber MD, Fairchild P, **Lukacz ES**, Arya L, Markland AD, Siddiqui NY, Sung VW. The responsiveness and minimally important difference for the Accidental Bowel Leakage Evaluation questionnaire. *Int Urogynecol J.* 2020 Dec;31(12):2499-2505. doi: 10.1007/s00192-020-04367-5. Epub 2020 Jul 1. PMID: 32613557.
- Rogers RG, Sung VW, **Lukacz ES**, Fairchild P, Arya LA, Barber MD, Markland AD, Siddiqui NY, Bann CM; National Institute of Child Health and Human Development Pelvic Floor Disorders Network. Accidental Bowel Leakage Evaluation: A New Patient-Centered Validated Measure of Accidental Bowel Leakage Symptoms in Women. *Dis Colon Rectum.* 2020 May;63(5):668-677. doi: 10.1097/DCR.0000000000001596. PMID: 32032195.
- Meyer I, Whitworth RE, **Lukacz ES**, Smith AL, Sung VW, Visco AG, Ackenbom MF, Wai CY, Mazloomdoost D, Gantz MG, Richter HE; NICHD Pelvic Floor Disorders Network and the National Institutes of Health Office of

Research on Women's Health. Outcomes of native tissue transvaginal apical approaches in women with advanced pelvic organ prolapse and stress urinary incontinence. *Int Urogynecol J*. 2020 Mar 7. doi: 10.1007/s00192-020-04271-y. Online ahead of print. PMID: 32146521.

- **Lukacz ES**, Sridhar A, Chermansky CJ, Rahn DD, Harvie HS, Gantz MG, Varner RE, Korbly NB, Mazloomdoost D; Eunice Kennedy Shriver National Institute of Child Health and Human Development Pelvic Floor Disorders Network (PFDN). Sexual Activity and Dyspareunia 1 Year After Surgical Repair of Pelvic Organ Prolapse. *Obstet Gynecol*. 2020 Sep;136(3):492-500. doi: 10.1097/AOG.0000000000003992. PMID: 32769645.
- Ferrante KL, Gantz MG, Sridhar A, Smith A, Rahn DD, Ellington DR, Weidner AC, Wohlrab K, Mazloomdoost D, Moalli P, **Lukacz ES**; NICHD Pelvic Floor Disorders Network. Do Women Who Self-report More Exercise Have Increased Rates of Symptomatic Stress Urinary Incontinence After Midurethral Slings? *Female Pelvic Med Reconstr Surg*. 2020 Sep 4. doi: 10.1097/SPV.0000000000000893. Epub ahead of print. PMID: 32898050.
- Zyczynski HM, Richter HE, Sung VW, Arya LA, **Lukacz ES**, Visco AG, Rahn DD, Carper B, Mazloomdoost D, Gantz MG; NICHD Pelvic Floor Disorders Network. Performance, acceptability, and validation of a phone application bowel diary. *Neurourol Urodyn*. 2020 Nov;39(8):2480-2489. doi: 10.1002/nau.24520. Epub 2020 Sep 22. PMID: 32960998.
- Jelovsek JE, Gantz MG, **Lukacz E**, Sridhar A, Zyczynski H, Harvie HS, Dunivan G, Schaffer J, Sung V, Varner RE, Mazloomdoost D, Barber MD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Pelvic Floor Disorders Network. Success and failure are dynamic, recurrent event states after surgical treatment for pelvic organ prolapse. *Am J Obstet Gynecol*. 2020 Oct 8:S0002-9378(20)31181-9. doi: 10.1016/j.ajog.2020.10.009. Epub ahead of print. PMID: 33039390.
- Rickey LM, Constantine ML, **Lukacz ES**, Lowder JL, Newman DK, Brubaker L, Rudser K, Lewis C, Low LK, Palmer MH, Rockwood T. Measuring Bladder Health: Development and Cognitive Evaluation of Items for a Novel Bladder Health Instrument. *J Urol*. 2020 Dec 22:101097JU00000000000001581. doi: 10.1097/JU.0000000000001581. Epub ahead of print. PMID: 33350312.

Abstracts

- Richter HE, Carnes MU, Komesu YM, **Lukacz ES**, Arya L, Bradley M, Rogers RG, Sung VW, Siddiqi NY, Carper B, Mazloomdoost D, Dinwiddie D and Gantz MG for the Pelvic Floor Disorders Network. Microbiome Predictors of Surgical Treatment Response in Women Undergoing Mid-urethral Sling Surgery for Mixed Urinary Incontinence. Oral Presentation at AUGS Virtual Annual Scientific Meeting, October 6-10, 2020.
- Zyczynski H, Richter HE, Sung VW, Arya LA, **Lukacz ES**, Visco AG, Rahn DD, Carper B, Mazloomdoost D, Gantz MG for the Pelvic Floor Disorders Network. A Randomized Trial Comparing Neuromodulation with Percutaneous

Tibial Nerve Stimulation to Sham Treatment for Accidental Bowel Leakage – The NOTABLE Trial. Oral Presentation at AUGS Virtual Annual Scientific Meeting, October 6-10, 2020.

- Jelovsek JE, Gantz MG, **Lukacz E**, Sridhar A, Zyczynski H, Harvie HS, Dunivan G, Schaffer J, Sung V, Varner RE, Mazloomdoost D, Barber MD; Eunice Kennedy Shriver National Institute of Child Health and Human Development Pelvic Floor Disorders Network. Success and failure are dynamic, recurrent event states after surgical treatment for pelvic organ prolapse. Oral Presentation at IUGA 45th Virtual Annual Conference, August 29 - September 04, 2020. *Best Abstract Award*.
- Richter HE, Carnes MU, Komesu YM, **Lukacz ES**, Arya L, Bradley M, Rogers RG, Sung VW, Siddiqi NY, Carper B, Mazloomdoost D, Dinwiddie D and Gantz MG for the Pelvic Floor Disorders Network. Microbiome Predictors of Surgical Treatment Response in Women Undergoing Mid-urethral Sling Surgery for Mixed Urinary Incontinence. Oral Presentation at the Virtual International Continence Society, August 26-29, 2020. *Best Presentation Award*.
- Zyczynski H, Richter HE, Sung VW, Arya L, **Lukacz E**, Visco A, Rahn DD, Carper B, Mazloomdoost D, Gantz M. Study of performance, acceptability and validation of the PFDN phone application electronic bowel diary (eDiary). Oral Presentation at Society of Gynecologic Surgeons, Jacksonville, Florida, July 06-09, 2020.

Invited Presentations

- Invited Speaker, Muir's Eventual Doctors (MED), February 12, 2020. Guiding pre-health students with their options in the medical field by explaining the paths I've taken to becoming a physician.
- Invited Lecturer, UC San Diego Geriatrics/Geriatrics Psychiatry Fellowship Didactics, April 24, 2020. "*Urinary Incontinence*"
- Invited Panelist, Boston Urogynecology Associates / Mount Auburn Hospital's FPMRS Fellows Webinar Series, May 19, 2020. Panelist in Webinar series titled: "*Pharmacologic Treatment of Urinary Incontinence*"
- Expert Discussant, UCSD Medicine Resident Teaching Conference on Urinary Incontinence, May 29, 2020. Review case-based session on management of urinary incontinence.
- Invited Speaker, UC San Diego Geripsych Leadership and Management scholars, September 17, 2020. "Leading Up"

Awards and Honors

- "Top Docs" by *San Diego Magazine's* "Physicians of Exceptional Excellence" survey.

NAGER, Charles

Peer-Reviewed Research Publications

- Maher CF, Baessler KK, Barber MD, Cheon C, Consten ECJ, Cooper KG, Deffieux X, Dietz V, Gutman RE, van Iersel JJ, **Nager CW**, Sung VW, de Tayrac R., Summary: 2017 International Consultation on Incontinence Evidence-Based Surgical Pathway for Pelvic Organ Prolapse. *Female Pelvic Med Reconstr Surg*. Jan/Feb 2020;26(1):30-36.
- Meyer I, Whitworth RE, Lukacz ES, Smith AL, Sung VW, Visco AG, Ackenbom MF, Wai CY, Mazloomdoost D, Gantz MG, Richter HE1; NICHD Pelvic Floor Disorders Network and the National Institutes of Health Office of Research on Women's Health (**Nager CW** was a collaborator). Outcomes of Native Tissue Transvaginal Apical Approaches in Women with Advanced Pelvic Organ Prolapse and Stress Urinary Incontinence. *Int Urogynecol J*. 2020 Mar 7. doi: 10.1007/s00192-020-04271-y. [Epub ahead of print].

Invited Presentations

- “Female Urethral Function: Can we measure what matters?” and “What have we learned from the NICHD?” Invited Keynote/Grand Rounds Speaker. Michigan Medicine Pelvic Floor Research Group (PFRG) Day, Ann Arbor, MI, February 5, 2020.
- “Outcomes of the Defining Mechanisms of Anterior Vaginal Wall Descent (DEMAND) Trial” SGS 2020. *Original date was March 2020 (postponed due to COVID—19)*
- “MESH: Utilization, Regulation, and Litigation - Lessons Learned” International Continence Society Annual meeting (virtual), November 22, 2020.

Awards and Honors

- “Top Docs” by *San Diego Magazine*’s “Physicians of Exceptional Excellence” survey.

GENERAL OBSTETRICS AND GYNECOLOGY

ALVARADO, Jorge

Awards and Honors

- 2020 Whitehill Prize for Excellence in Teaching for Junior Faculty

KINGSTON, Jessica

Awards and Honors

- APGO Teaching Award – June 2020
- Castle Connolly Top Doctor - 2020
- Castle Connolly Regional Top Doctor - 2020
- San Diego Magazine Exceptional Women in Medicine 2020

MACAULEY, Kathryn

Awards and Honors

- San Diego Magazine Top Doctors 2020
- Castle Connolly Regional Top Doctor 2020

MILLER, Christine

Awards and Honors

- America's Most Honored Doctors, American Registry – 2020
- Castle Connolly Top Doctor - 2019 & 2020
- Castle Connolly Regional Top Doctor - 2019 & 2020

PARKER, William

Peer-Reviewed Research Publications

- Rodriguez-Triana V, Kwan L, Kelly M, Olson T, Parker W. Quality of Life After Laparoscopic and Open Abdominal Myomectomy. J Minim Invasive Gynecol (in press)
- Parker W, Schwimer S, Foshag L. Massive Cotyledenoid Leiomyoma Treated with Uterine-Conserving Surgery. F&S Reports (in press)

Review Articles and Book Chapters (Peer-reviewed)

- Regarding “Vaginal Hysterectomy: Historical Footnote or ViableRoute?” Parker W, Levy B. Obstet Gynecol 2020;136:423-4.
- Regarding “Myomectomy associated blood transfusion risk and morbidity after surgery” Parker W, Pritts E. Fert Stert Dialog 2020: https://www.fertsterdialog.com/posts/myomectomy-associated-blood-transfusion-risk-and-morbidity-after-surgery?utm_source=comment_mailer&utm_medium=email&utm_campaign=approved

Invited Presentations

- Proper Care of Ovaries: Avoiding Ovarian Surgery; UC San Diego Ob/Gyn Grand Rounds, San Diego, California, May, 2020

RIES, Maureen

Awards and Honors

- ACOG International Service Award for Maternal Health, Empowerment, and Gender Equality – 2020

VARON, Shira

Awards and Honors

- A Castle Connolly Regional Top Doctor – 2020

GYNECOLOGIC ONCOLOGY

Scholarly work involved multiple members of this division:

- Rapid dissemination of practice-changing information: A longitudinal analysis of real-world rates of minimally invasive radical hysterectomy before and after presentation of the LACC trial. *Gynecol Oncol*. 2020 May;157(2):494-499. doi: 10.1016/j.ygyno.2020.02.018. Epub 2020 Feb 17. Lindsey M Charo, Florin Vaida, **Ramez N Eskander**, **Pratibha Binder**, **Cheryl Saenz**, **Michael McHale**, **Steven Plaxe**
- Phase 1 Trial of Concurrent Gemcitabine and Cisplatin with Image Guided Intensity Modulated Radiation Therapy for Locoregionally Advanced Cervical Carcinoma. *International Journal of Radiation Oncology*Biophysics*. Volume 107, Issue 5, 1 August 2020, Pages 964-973. Loren K. Mell, Ronghui Xu, Catheryn M. Yashar, **Michael T. McHale**, John P. Einck, Jyoti Mayadev, Euyhyun Lee, **Pratibha Binder**, Dominique Rash, **Ramez Eskander**, Elena S. Heide, **Steven C. Plaxe**, Arno J. Mundt, **Cheryl C. Saenz**
- Korenaga TR, Ward KK, **Saenz CC**, **McHale MT**, **Plaxe SC**. The elevated risk of ovarian clear cell carcinoma among Asian Pacific Islander women in the United States is not affected by birthplace. *Gynecol Oncol* 2020; 157(1):62-66. PMID 32008796
- Delaney JR, Patel CB, Bapat J, Jones CM, Ramos-Zapatero M, Ortell KK, Tanios R, Haghighiabyaneh M, Axelrod J, DeStefano JW, Tancioni I, **Schlaepfer DD**, Harismendy O, La Spada AR, **Stupack DG**. Autophagy gene haploinsufficiency drives chromosome instability, increases migration, and promotes early ovarian tumors. *PLoS Genetics*. 2020 Jan 10;16(1):e1008558. doi: 10.1371/journal.pgen.1008558. eCollection 2020 Jan. PMID: 31923184

Abstracts

- Charo LM, **Eskander R**, Okamura R, Patel S, Nikanjam M, Lanman R, Piccioni DE, Kato S, **McHale MT**, Kurzrock, R. Clinical Implications of Real-World Data on Plasma Circulating Tumor DNA in Gynecologic Cancer Patients. American Association for Cancer Research. Advancing Precision Medicine Drug Development: Incorporation of Real-World Data and Other Novel Strategies, San Diego, CA, Jan 2020.
- Charo LM, Jou J, **Eskander R**, **Saenz CC**, **Binder P**, **McHale MT**, **Plaxe S**. Heated intraperitoneal chemotherapy (HIPEC) use for ovarian cancer in the United States (US) increases after publication of clinical trial and is associated with higher short-term cost and morbidity. The Annual Meeting of Society of Gynecologic Oncology, Toronto, Canada, Mar 2020.

- Charo LM, Okamura R, **Eskander R, Binder P**, Lee S, Kato S, **Saenz CC, Plaxe SC**, Kurzrock R, Elvin J, **McHale MT**. Molecular biomarkers to predict response to immunotherapy in endometrial cancer patients enrolled on the profile related evidence determining individualized cancer therapy (PREDICT) trial at the UC San Diego Moores Cancer Center. The Annual Meeting of the Society of Gynecologic Oncology, Toronto, Canada, Mar 2020.
- Charo LM; **Eskander R; Binder P; Saenz CC, Mchale MT, Plaxe SC**. Mortality after ovarian cancer surgery is increased at low volume hospitals compared to high volume hospitals: Black women incur the greatest excess risk. The Annual Meeting of the Society of Gynecologic Oncology, Toronto, Canada, Mar 2020.
- Barrie A, **McHale MT, Saenz CC, Plaxe SC, Eskander R**. Mismatch repair protein status and effect on outcomes in high intermediate risk endometrial cancer. The Annual Meeting of the Society of Gynecologic Oncology, Toronto, Canada, Mar 2020.
- Jou J, Coulter E, **Binder P, Mchale MT, Saenz C, Plaxe S, Eskander R**. The effect of weight loss on oncologic outcomes in patients receiving primary chemo radiation. The Annual Meeting of the Society of Gynecologic Oncology, Toronto, Canada, Mar 2020
- Charo LM, Okamura R, **Eskander R, Binder P**, Lee S, Kato S, **Saenz CC, Plaxe SC**, Kurzrock R, Elvin L, **McHale MT**. Molecular biomarkers to predict response to immunotherapy in endometrial cancer patients enrolled on the profile related evidence determining individualized cancer therapy (PREDICT) trial at the UC San Diego Moores Cancer Center. OncLive Fellows Forum San Diego, CA, Apr 2020.

BINDER, Pratibha - see also multi-author publications for division listing

Invited Presentations

- **WAGO June 2020 Oral presentation:** “Survival and prevalence of platinum resistance following interval cytoreductive surgery with or without hyperthermic intraperitoneal chemotherapy” Jou, Jessica and Binder, Pratibha

Awards and Honors

- ACOG-CREOG National Faculty teaching award 6/2020

Peer-Reviewed Research Publications

- Stefanko D, **Eskander R**, Aisagbonhi O. Disseminated Endometriosis and Low-Grade Endometrioid Stromal Sarcoma in a Patient with a History of Uterine Morcellation for Adenomyosis," Case Reports in Obstetrics and Gynecology, vol. 2020, Article ID 7201930, 5 pages, 2020. <https://doi.org/10.1155/2020/7201930>
- Shumei Kato, Ryosuke Okamura, Yuichi Kumaki, Sadakatsu Ikeda, Mina Nikanjam, **Ramez Eskander**, Aaron Goodman, Suzanna Lee, Sean T. Glenn, Devin Dressman, Antonios Papanicolau-Sengos, Felicia L. Lenzo, Carl Morrison & Razelle Kurzrock (2020) Expression of TIM3/VISTA checkpoints and the CD68 macrophage-associated marker correlates with anti-PD1/PDL1 resistance: implications of immunogram heterogeneity, OncoImmunology, 9:1, DOI: 10.1080/2162402X.2019.1708065
- Kato S, Okamura R, Kumaki Y, Ikeda S, Nikanjam M, **Eskander R**, Goodman A, Lee S, Glenn ST, Dressman D, Papanicolau-Sengos A, Lenzo FL, Morrison C, Kurzrock R. Expression of TIM3/VISTA checkpoints and the CD68 macrophage-associated marker correlates with anti-PD1/PDL1 resistance: implications of immunogram heterogeneity. Oncoimmunology. 2020 Feb 17;9(1):1708065. doi: 10.1080/2162402X.2019.1708065. eCollection 2020. PMID: 32117584
- **Eskander RN**, Elvin J, Gay L, Ross JS, Miller VA, Kurzrock R. The Unique Genomic Landscape of High-Grade Neuroendocrine Cervical Carcinoma: Implications for Rethinking Current Treatment Paradigms. J Clin Oncol Precision Oncology 2020 4, 972-987

Invited Presentations

- Society of Gynecologic Oncology Winter Meeting: Emerging Role of Immunotherapy in the Treatment of Endometrial Cancer. Aspen, CO. February 2020.
- 11th Annual International Symposium on Ovarian Cancer & Other Gynecologic Malignancies. Can Biomarker Testing Inform Clinical Treatment in Patients with Endometrial Cancer?. San Diego CA (adapted to virtual platform in context of COVID 19 pandemic). May 2020
- Community Opinions in Ovarian Cancer. Frontline & Frontline Maintenance Treatment of Ovarian Cancer; Impact of COVID-19 on the treatment of Ovarian Cancer. San Diego CA (adapted to virtual platform in context of COVID 19 pandemic). May 2020
- Emerging Role of Immunotherapy in the Treatment of Endometrial Cancer. Oral Presentation at the 2020 Winter SGO meeting. Aspen, CO.

- New combinations in Endometrial Cancer...Finally! Oral presentation at the 2020 ASCO Annual Meeting. (virtual meeting in the context of the COVID-19 pandemic)

MCHALE, Michael - see also multi-author publications for division listing

Peer-Reviewed Research Publications

- Konstantinopoulos PA, Cheng SC, Wahner Hendrickson AE, Penson RT, Schumer ST, Doyle LA, Lee EK, Kohn EC, Duska LR, Crispens MA, Olawaiye AB, Winer IS, Barroilhet LM, Fu S, **McHale MT**, Schilder RJ, Färkkilä A, Chowdhury D, Curtis J, Quinn RS, Bowes B, D'Andrea AD, Shapiro GI, Matulonis UA. Berzosertib plus gemcitabine versus gemcitabine alone platinum-resistant high-grade serous ovarian cancer: a multicentre, open-label, randomised, phase 2 trial. *Lancet Oncol.* 2020 Jul;21(7):957-968. doi: 10.1016/S1470-2045(20)30180-7. Epub 2020 Jun 15. *Lancet Oncol.* 2020. PMID: 32553118
- Huh WK, Brady WE, Fracasso PM, Dizon DS, Powell MA, Monk BJ, Leath CA 3rd, Landrum LM, Tanner EJ, Crane EK, Ueda S, **McHale MT**, Aghajanian C. Phase II study of axalimogene filolisbac (ADXS-HPV) for platinum – refractory cervical carcinoma: An NRG oncology/gynecology oncology study group. *Gynecol Oncol.* 2020 Jul 5:S0090-8258(20)32317-9. doi: 10.1016/j.ygyno.2020.06.493. Online ahead of print. *Gynecol Oncol.* 2020. PMID: 32641240

Review Articles and Book Chapters (Peer-reviewed)

- Gynecologic Oncology PROLOG 8th Edition 2020, American College of Obstetrics and Gynecology.

Invited Presentations

- Speaker, Immunotherapy: Toxicities and Management Strategies, Society of Gynecologic Oncology 25th Winter Meeting, Aspen, CO, 2020.

PLAXE, Steven - see also multi-author publications for division listing

Peer-Reviewed Research Publications

- Dasanu CA, Iskandar AS, Hwang A, Kerr WT, Farrell S, Grover M, Ocampo MM, Lerner J, **Plaxe SC**. Management and clinical outcomes in uterine malignant mixed Mullerian tumor: Lessons from a single-institution series. *Oncol Pharm Pract*. 2020 Apr;26(3):688-691. doi: 10.1177/1078155219869441. Epub 2019 Aug 31. PMID: 31474213
- Dasanu CA, **Plaxe SC**, Gupta V, Popescu IM, Grover M, Alvarez-Argote J. Severe terminal ileitis induced by single-agent nivolumab administered every four weeks. *J Oncol Pharm Pract*. 2020 Feb 6:1078155220903367. doi: 10.1177/1078155220903367. Online ahead of print. PMID: 32028838

SAENZ, Cheryl – see multi-author publications for division listing

SCHLAEPFER, David – see multi-author publications for division listing

STUPACK, Dwayne – see also multi-author publications for division listing

Peer-Reviewed Research Publications

- Amarie D, Mosavian N, Waters E, **Stupack D**. Underlying subwavelength aperture architecture drive the optical properties of microcavity surface plasmon resonance sensors. *Journal of Applied Physics*. 2020 *In Press*.

Invited Presentations

- Cancer Therapeutics Training Lecture Series, UCSD Cancer Center, 2020 (Genomics).

HOSPITALIST

CORMANO, Julia– see also multi-author scholarly activity in department listing

Awards and Honors

- Society for Academic Specialists in General Obstetrics & Gynecology (SASGOG) Faculty Award June 2020
- UC San Diego NCLAM Leadership Program "Valedictorian" June 2020
- TellyAward Bronze Winner 2020 for educational Motherhood TV Segment "Ultrasounds in Pregnancy"
- San Diego Section ACOG Vice Chair (October 2020-)

LACOURSIERE, Yvette – see also multi-author scholarly activity in department listing

Peer-Reviewed Research Publications

- Williams BR, Vargo K, Newman DK, **Yvette Lacoursiere D**, Mueller ER, Connett J, Low LK, James AS, Smith AL, Schmitz KH, Burgio KL. It's About Time: The Temporal Burden of Lower Urinary Tract Symptoms Among Women. Urol Nurs. 2020 Nov-Dec;40(6):10.7257/1053-816x.2020.40.6.277. doi: 10.7257/1053-816x.2020.40.6.277. PMID: 33642840; PMCID: PMC7906293.
- Burgio KL, James AS, **LaCoursiere DY**, Mueller ER, Newman DK, Low LK, Weinfurt KP, Wyman JF, Cunningham SD, Vargo K, Connett J, Williams BR; Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. Views of Normal Bladder Function Among Women Experiencing Lower Urinary Tract Symptoms. Urology. 2020 Aug 22:S0090-4295(20)31009-8. doi: 10.1016/j.urology.2020.08.021. Epub ahead of print. PMID: 32841655; PMCID: PMC7897748.
- Brady SS, Berry A, Camenga DR, Fitzgerald CM, Gahagan S, Hardacker CT, Harlow BL, Hebert-Beirne J, **LaCoursiere DY**, Lewis JB, Low LK, Lowder JL, Markland AD, McGwin G, Newman DK, Palmer MH, Shoham DA, Smith AL, Stapleton A, Williams BR, Sutcliffe S. Applying concepts of life course theory and life course epidemiology to the study of bladder health and lower urinary tract symptoms among girls and women. Neurourol Urodyn. 2020 Apr;39(4):1185-1202. doi: 10.1002/nau.24325. 2020 Apr;39(4):1185-1202. PubMed PMID: 32119156.
- Wyman JF, Zhou J, **LaCoursiere DY**, Markland AD, Mueller ER, Simon L, Stapleton A, Stoll CRT, Chu H, Sutcliffe S. Normative noninvasive bladder function measurements in healthy women: A systematic review and meta-

analysis. *Neurourol Urodyn*. 2020 Feb;39(2):507-522. doi: 10.1002/nau.24265. Epub 2020 Jan 9. Review. PubMed PMID: 31917870; PubMed Central PMCID: PMC7012752.

Review Articles and Book Chapters (Peer-reviewed)

- **LaCoursiere DY**, Scott JR, Chelmow D, Young AE, Sawaya GF, Delancey J, Learman LA. Contributions, Aspirations, and Challenges of Academic Specialist Divisions in Obstetrics and Gynecology. *Obstet Gynecol*. 2020 Nov;136(5):981-986. doi: 10.1097/AOG.0000000000004100. PMID: 33030879.
- **LaCoursiere DY**, Scott JR, Chelmow D, Young AE, Sawaya GF, DeLancey J, Learman LA. In Reply. *Obstet Gynecol*. 2021 Feb 1;137(2):375. doi: 10.1097/AOG.0000000000004263. PMID: 33481512.

Abstracts

- E Swor, **DY LaCoursiere**. Postpartum Management of the Gestational Diabetic: Don't Sugarcoat It. ACOG Annual Meeting, electronic presentation 2020.
- BR Williams, M Lavender, K Burgio, **Y LaCoursiere**, D Newman, S Brady, L Low. A multi-site focus group study of U.S. adult women's beliefs and assumptions about bladder health and function. Poster presentation at Society of General Medicine (SGIM) Annual Meeting; May 8, 2020; Birmingham, AL.
- BL Harlow, Z Wang, H Chu, S Brady, T Coyne-Beasley, C Fitzgerald, S Gahagan, M Lavender, J Lewis, L Low, **Y Lacoursiere**, A Stapleton, S Sutcliffe, A Smith, J Wyman, D Camenga, and the PLUS Research Consortium Associations Between Oral Contraceptive Use and Sexual Behaviors Prior To Age 17 with Risk Of Lower Urinary Tract Symptoms At Age 19: A Longitudinal Cohort Study Of Adolescent Women. AUGS Virtual Annual Meeting, 2020
- L Low, B Williams, D Newman, J Hebert-Beirne, D Camenga, S Brady, A James, J Wyman, **DY LaCoursiere**, Kathryn Burgio. For The Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium. The many facets of perceived bladder health: Absence of symptoms and presence of healthy behaviors across the life course. AUGS Virtual Annual Meeting, 2020.
- Newman D, Williams B, Lavender M, Burgio K, **LaCoursiere Y**, Brady S, Cunningham S, Cain C, Low L. A multi-site focus group study of U.S. adult women's beliefs and assumptions about bladder health and function ICS Annual Meeting 2020. Abstracts Issue of Neurology and Urodynamics. 2020 Jul;39(S2): S309-S310. doi: 10.1002/nau.24455.
- Newman DK, Williams BR, Burgio KL, Connett J, Mueller E, **LaCoursiere Y**, James A, Low L, Weinfurt K, Vargo K, Bavendam T. It's About Time: The Temporal Burden of Lower Urinary Tract Symptoms Among Women [Abstract

610]. In: ICS 2020 Abstracts Issue of Neurology and Urodynamics. 2020 Jul;39(S2):S466-S467. doi: 10.1002/nau.24455.

Awards and Honors

- American Gynecological & Obstetrical Society Fellow. Invited Member 2020

SUTTON, Alice

Invited Presentations

- “Early Pregnancy Evaluation and Management in the Emergency Department: The Role of the Academic OBGYN”
Abstract accepted for poster presentation at SASGOG 2020; conference canceled due to COVID.

MATERNAL-FETAL MEDICINE

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Ghassemi N, Rupe E, Perez M, **Lamale-Smith L**, Fratto VM, Farid N, Hahn M, **Ramos GA**, Ho Y, Rakow-Penner R, Horton K, Khan S, Jones M, Pretorius DH. Ultrasound and Magnetic Resonance Imaging of Agenesis of the Corpus Callosum in Fetuses: Frontal Horns and Cavum Septi Pellucidi Are Clues to Earlier Diagnosis. J Ultrasound Med. 2020 Dec;39(12):2389-2403. doi: 10.1002/jum.15348. Epub 2020 Jun 29. PMID: 32597533.
- Srinivasan S, Treacy R, Herrero T, Olsen R, Leonardo TR, Zhang X, DeHoff P, To C, Poling LG, Fernando A, Leon-Garcia S, Knepper K, Tran V, Meads M, Tasarz J, Vuppala A, Park S, Laurent CD, Bui T, Cheah PS, Overcash RT, **Ramos GA**, Roeder H, Ghiran I, Parast M; PAPR Study Consortium, Breakefield XO, Lueth AJ, Rust SR, Dufford MT, Fox AC, Hickok DE, Burchard J, Boniface JJ, **Laurent LC**. Discovery and Verification of Extracellular miRNA Biomarkers for Non-invasive Prediction of Pre-eclampsia in Asymptomatic Women. Cell Rep Med. 2020 May 19;1(2):100013. doi: 10.1016/j.xcrm.2020.100013. PMID: 32864636; PMCID: PMC7455024.
- Pluym ID, Rao R, **Ballas J**, **Ramos GA**, Cross SN, Zapata M, Srinivas S, Louis JM, Werner E, Afshar Y, Han CS. Obstetrical Unit Response to the COVID-19 Pandemic: OUR Study. Am J Perinatol. 2020 Nov;37(13):1301-1309. doi: 10.1055/s-0040-1715861. Epub 2020 Sep 6. PMID: 32892329.
- **Lewis AL**, **Laurent LC**. USPSTF 2020 Recommendations on Screening for Asymptomatic Bacterial Vaginosis in Pregnancy. JAMA. 2020 Apr 7;323(13):1253-1255. doi: 10.1001/jama.2019.22311. PMID: 32259215.
- Agarwal K, Robinson LS, Aggarwal S, Foster LR, Hernandez-Leyva A, Lin H, Tortelli BA, O'Brien VP, Miller L, Kau AL, Reno H, Gilbert NM, **Lewis WG**, **Lewis AL**. Glycan cross-feeding supports mutualism between Fusobacterium and the vaginal microbiota. PLoS Biol. 2020 Aug 25;18(8):e3000788. doi: 10.1371/journal.pbio.3000788. PMID: 32841232; PMCID: PMC7447053.
- Tortelli BA, **Lewis WG**, Allsworth JE, Member-Meneh N, Foster LR, Reno HE, Peipert JF, Fay JC, **Lewis AL**. Associations between the vaginal microbiome and Candida colonization in women of reproductive age. Am J Obstet Gynecol. 2020 May;222(5):471.e1-471.e9. doi: 10.1016/j.ajog.2019.10.008. Epub 2019 Oct 22. PMID: 31654610; PMCID: PMC7236091.
- Ghassemi N, Rupe E, Perez M, **Lamale-Smith L**, Fratto VM, Farid N, Hahn M, **Ramos GA**, Ho Y, Rakow-Penner R, Horton K, Khan S, Jones M, Pretorius DH. Ultrasound and Magnetic Resonance Imaging of Agenesis of the Corpus Callosum in Fetuses: Frontal horns and cavum septi pellucidi are clue to earlier diagnosis. Ultrasound Med. 2020 Jun 29. PMID: 32597533.

Abstracts

- Adami RR, Ngan E, Roeder H, Vuppala A, Meads M, Martinez C, Rodrigo J, Tran N, **Ramos GA, Ballas J, Laurent LC, Woelkers D**. Assessment of costs and patient satisfaction of standard versus biomarker evaluation of late preterm preeclampsia. Society for Maternal-Fetal Medicine Annual Meeting 2020, Grapevine, TX.
- Adami RR, Ngan E, Roeder H, Vuppala A, Meads M, Martinez C, Rodrigo J, Tran N, **Ramos GA, Ballas J, Laurent LC, Woelkers D**. Predicting outcome and time to delivery in suspected late-preterm preeclampsia: Comparing biomarker to standard evaluation. Society for Maternal-Fetal Medicine Annual Meeting 2020, Grapevine, TX.
- Adami RR, Ngan E, Roeder H, Vuppala A, Meads M, Martinez C, Rodrigo J, Tran N, **Ramos GA, Ballas J, Laurent LC, Woelkers D**. sFlt-1:PLGF versus standard evaluation to predict outcome and time to delivery in suspected late-preterm preeclampsia. Society for Maternal-Fetal Medicine Annual Meeting 2020, Grapevine, TX.
- Horii M, To C, Meads M, Adami R, Zhang-Rutledge K, **Lamale-Smith L, Laurent LC**, Parast MM. Identification of Subtype-specific Markers for Preeclampsia Using Placental Pathology and RNAseq. (Selected for oral presentation at the annual meeting of Society for Reproductive Investigation, Mar. 2020, Vancouver, Canada).
- **Jacobs MB**, Martinez C, **Laurent L**. Evaluation of appropriateness of hospital admission for preterm labor concerns. *53rd Annual Society for Epidemiologic Research Meeting*. December 15-18, 2020: Boston, MA.

Review Articles and Book Chapters (Peer-reviewed)

- Smid M, **Kelly TF, LaCoursiere DY**. Obesity in Pregnancy. Resnik R, Lockwood C, Moore T, Greene ME, Copel JA, Silver R (eds), *Maternal Fetal Medicine-Principle and Practice*. 9th Edition. Elsevier, Philadelphia, in press

BALLAS, Jerasimos – see also see also multi-author scholarly activity in division listing

Invited Presentations

- Faculty Lecturer, UCSD Pulmonary Critical Care Medicine Lecture. April 20, 2020. San Diego, CA Joint lecture with Dr. Thomas Kelly and Dr. Dora Melber: Care for the pregnant patient in the ICU.
- Faculty Lecturer, UCSD Obstetrics & Gynecology Residency Program Second-Year Resident Lecture Series. April 22, 2020. San Diego, CA. Obstetrical Hemorrhage
- Faculty Lecturer, UCSD Obstetrics & Gynecology Residency Program Second-Year Resident Lecture Series. May 6, 2020. San Diego, CA. Management of Hypertension in Pregnancy

HULL, Andrew

Peer-Reviewed Research Publications

- Ho Y, Herrero T, Aguinaldo J, Hahn ME, Klisser K, Ghassemi N, Alagh A, Hamlin A, Pretorius M, Horton K, **Hull A**, Pretorius DH. Ultrasound Measurements of Frontal Horns and the Cavum Septi Pellucidi in Healthy Fetuses in the Second and Third Trimesters of Pregnancy. J Ultrasound Med. 2020 Jan;39(1):127-137. doi: 10.1002/jum.15086. Epub 2019 Jul 7. PMID: 31281992.
- Maduram A, Farid N, Rakow-Penner R, Ghassemi N, Khanna PC, Robbins SL, **Hull A**, Gold J, Pretorius DH. Fetal Ultrasound and Magnetic Resonance Imaging Findings in Suspected Septo-Optic Dysplasia: A Diagnostic Dilemma. J Ultrasound Med. 2020 Aug;39(8):1601-1614. doi: 10.1002/jum.15252. Epub 2020 Mar 2. PMID: 32118312.

Review Articles and Book Chapters (Peer-reviewed)

- **Hull AD**, Resnik R, Silver RM. "Disorders at the Maternal-Fetal Interface: Placenta Previa and Accreta, Vasa Previa, Subchorionic Hemorrhage, and Abruptio Placentae". In Creasy and Resnik's Maternal Fetal Medicine: Principles and Practice, Resnik, Lockwood, Moore, Greene, Copel & Silver (eds) 9th edition. Elsevier (In Press)

Awards and Honors

- Castle Connolly Regional Top Doctors: 1st Edition
- San Diego Magazine: San Diego's Top Doctors 2020

JACOBS, Marni - see also multi-author scholarly activity in department listing

Peer-Reviewed Research Publications

- Moore U, **Jacobs M**, Fernandez-Torron R, Rossello JL, Smith F, James M, Mayhew A, Rufibach LE, Carlier PG, Blamire AM, Day J, Jones K, Bharucha-Goebel D, Salort-Campana E, Pestronk A, Walter M, Paradas C, Stojkovic T, Mori-Yoshimura M, Pegoraro E, Mendell J, Steele K, Straub V, Diaz-Manera J. Intensive teenage activity is

associated with greater muscle pathology on T1W magnetic resonance imaging in adults with Dysferlinopathy. *Frontiers in Neurology*. 2020; 11:1709.

- Spiliopoulos M, Kuo C, Eranki A, **Jacobs M**, Rossi CT, Iqbal SN, Fisher JP, Fries MH, Kim PCW. Characterizing placental stiffness using ultrasound shear-wave elastography in health and preeclamptic pregnancies. *Archives of Gynecology and Obstetrics*. 2020; 302(5):1103-1112. [PMID: 32676857; PMCID: 7646518]
- Pradhan S, Kapse K, **Jacobs M**, Niforatos-Andescavage N, Quistorff JL, Lopez C, Bannantine KL, Anderson NR, Vezina G, Liperopoulos C. Non-invasive measurement of biochemical profiles in the healthy fetal brain. *NeuroImage*. Epub ahead of print: June 8, 2020. [PMID: 32526384; PMCID: 7491254]
- Basu SK, Pradhan S, **Jacobs MB**, Said M, Kapse K, Murnick J, Whitehead MT, Chang T, du Plessis AJ, Limperopoulos C. Age and sex influences gamma-amniobutyric acid concentrations in the developing brain of very premature infants. *Scientific Reports*. 2020; 10(1): 10549. [PMID: 32601466; PMCID: 7324587]
- Ottolini K, Andescavage N, Kapse K, **Jacobs M**, Murnick J, VanderVeer R, Basu S, Said M, Limperopoulos C. Early lipid intake improves cerebellar growth in very low birth weight preterm infants. *Journal of Parenteral and Enteral Nutrition*. Epub ahead of print: May 8, 2020. [PMID: 32384168; PMCID: 7347461]
- Mulkey SB, Govindan RB, Hitchings L, Al-Shargabi T, Herrera N, Swisher CB, Eze Jr. A, Russo S, Schlatterer S, **Jacobs MB**, McCarter R, Kline A, Maxwell GL, Baker R, du Plessis AJ. Autonomic nervous system maturation in the premature extra-uterine milieu. *Pediatric Research*. Epub ahead of print: May 12, 2020. [PMID: 32396923]
- Andescavage N, You W, **Jacobs M**, Kapse K, Quistorff J, Bulas D, Ahmadzia H, Gimovsky AC, Baschat A, Limperopoulos C. Exploring in vivo placental microstructure in healthy and growth-restricted pregnancies through diffusion-weighted magnetic resonance imaging. *Placenta*. 2020; 93: 113-118. [PMID: 32250735; PMCID: 7153576]
- Jones AH, **Jacobs MB**, October TW. Communication skills and practices vary by clinician type. *Hospital Pediatrics*. 2020; 10(4). [PMID: 32132113]
- Wu Y, Lu Y, **Jacobs M**, Pradhan S, Zhao L, Niforatos-Andescavage N, Vezina G, du Plessis A, Limperopoulos C. Association of prenatal maternal psychological distress with fetal brain growth, metabolism, and cortical maturation. *JAMA Network Open*. 2020; 3(1):e1919940. [PMID: 31995213; PMCID: 6991285]
- Wu Y, Kapse K, **Jacobs M**, Niforatos-Andescavage N, Donofrio M, Krishnan A, Vezina G, Wessel D, du Plessis A, Limperopoulos C. Association of maternal psychological distress with in utero brain development in fetuses with congenital heart disease. *JAMA Pediatrics*. Epub ahead of print: January 13, 2020. [PMID: 31930365; PMCID: 6990726]
- Ottolini KM, Andescavage N, Kapse K, **Jacobs M**, Limperopoulos C. Improved brain growth and microstructural development in breast milk-fed very low birth weight premature infants. *Acta Paediatrica*. 2020; 109(8): 1580-1587. [PMID: 31922288; PMCID: 7347461]

- You W, Andescavage N, Kapse K, Donofrio MT, **Jacobs M**, Limperopoulos C. Hemodynamic responses of the placenta and brain to maternal hyperoxia in fetuses with congenital heart disease using BOLD MRI. *Radiology*. 2020; 294(1):141-148. [PMID: 31687920; PMCID: 6939742]
- Herbert L, **Jacobs M**, Ramos A, DiGiacomo D, Balas K, Robbins K. Perceived food allergy, sensitivity, or intolerance and its impact on breastfeeding practices. *Journal of Allergy and Clinical Immunology: In Practice*. 2020; 8(1): 355-357.e4. [PMID: 31401132]
- Shaw R, Popovsky E, Abo A, **Jacobs M**, Herrera N, Chamberlain J, and Hahn A. Improving antibiotic prescribing in the emergency department for uncomplicated community acquired pneumonia. *World Journal of Emergency Medicine*. 2020; 11(4):199-205.

Review Articles and Book Chapters (Peer-reviewed)

- Frantantoni K, Kritikos K, Jacangelo J, Herrera N, **Jacobs MB**. (2020). Testing a Peer-Support Program for Parents of Infants Going Home from the NICU. *Patient-Centered Outcomes Research Institute (PCORI)*.

Abstracts

- Schlatterer SD, Reich DA, Govindan RB, Al-Shargabi T, Iyer S, Herrera N, **Jacobs M**, Hitchings L, Maxwell R, Baker R, du Plessis A, Mulkey SB. Autonomic tone in preterm infants correlates with morbidity of prematurity. *Pediatric Academic Societies (PAS) Annual Meeting*. May 2-5, 2020: Philadelphia, PA.
- Zun Z, Kushal K, **Jacobs M**, Basu S, Said M, Anderson N, Murnick J, Chang T, du Plessis A, Limperopoulos C. Longitudinal assessment of third trimester regional cerebral blood flow in very preterm infants. *ISMRM 28th Annual Meeting & Exhibition*. April 17-20, 2020: Sydney, Australia.
- DiGiacomo D, Robbins K, **Jacobs M**, Ramos A, Herbert L. Maternal dietary allergen restriction while breastfeeding: Pediatric resident knowledge and practices. *American Academy of Allergy Asthma & Immunology Annual Meeting*. March 13-16, 2020: Philadelphia, PA.

Invited Presentations

- Jones A, **Jacobs M**, October T. First impressions: Association between provider training level and family interactions on admission. *49th Critical Care Congress*. February 16-19, 2020: Orlando, FL.

Poster Presentations

- Schlatterer SD, Reich DA, Govindan RB, Al-Shargabi T, Iyer S, Herrera N, **Jacobs M**, Hitchings L, Maxwell R, Baker R, du Plessis A, Mulkey SB. Autonomic tone in preterm infants correlates with morbidity of prematurity. Pediatric Academic Societies (PAS) Annual Meeting. May 2-5, 2020: Philadelphia, PA.
- Zun Z, Kushal K, **Jacobs M**, Basu S, Said M, Anderson N, Murnick J, Chang T, du Plessis A, Limperopoulos C. Longitudinal assessment of third trimester regional cerebral blood flow in very preterm infants. ISMRM 28th Annual Meeting & Exhibition. April 17-20, 2020: Sydney, Australia.
- DiGiacomo D, Robbins K, **Jacobs M**, Ramos A, Herbert L. Maternal dietary allergen restriction while breastfeeding: Pediatric resident knowledge and practices. American Academy of Allergy Asthma & Immunology Annual Meeting. March 13-16, 2020: Philadelphia, PA.

Invited Lectures

- University of California San Diego Center for Perinatal Discovery Opening Symposium, September 26, 2020: “Apolipoprotein E genotype as a risk factor for poor birth outcomes”

KELLY, Thomas - see also multi-author scholarly activity in department listing

Poster Presentations

- Melber D, Berman A, Jacobs M, Picel A, Conturie C, Zhang-Rutledge, Parast M, Binder P, Eskander R, Roberts A, McHale M, **Kelly T**, Ramos G, Ballas J. Placenta Accreta Spectrum Treatment with Intraoperative Multivessel Embolization to Improve Surgical Outcomes: The PASTIME Protocol. Society of Maternal Fetal Medicine 41st Annual Pregnancy Meeting, 2021

Review Articles and Book Chapters (Peer-reviewed)

- **Kelly TF**, Savides T. Gastrointestinal Disorders in Pregnancy. Creasy R, Resnik R, Iams J, Lockwood C, Moore T, Greene M (eds), Maternal Fetal Medicine-Principle and Practice. 9th Edition. Elsevier, Philadelphia, In press
- **Kelly TF**. Maternal Medical Disorders of Fetal Significance. Avery's Diseases of the Newborn. 10th Edition. Elsevier, Philadelphia, 2018; pp 104-118.

Other

- Gibbs R, Bauer M, Olvera L, Sakowski C, Cape V, Main Elliott. Improving Diagnosis and Treatment of Maternal Sepsis (A CMQCC Quality Improvement Toolkit). Published by the California Maternal Quality Care Collaborative, January, 2020

Awards and Honors

- San Diego Magazine: San Diego's Top Doctors 2020

LAMALE-SMITH, Leah – see also see also multi-author scholarly activity in division listing

Peer-Reviewed Research Publications

- **Lamale-Smith LM**, Gumina DL, Kramer AW, Browne VA, Toledo-Jaldin L, Julian CG, Winn VD, Moore LG. Uteroplacental Ischemia Is Associated with Increased PAPP-A2. Reprod Sci. 2020 Feb;27(2):529-536. doi: 10.1007/s43032-019-00050-3. Epub 2020 Jan 28. PMID: 31994005; PMCID: PMC7539799.

Invited Lectures

- World Class CME: Fetal and Women's Imaging, 2020, Fetal CNS
- World Class CME: Fetal and Women's Imaging, 2020, The Fetal Abdomen, a Case Based Approach
- World Class CME: Fetal and Women's Imaging, 2020, Dopplers in the diagnosis and management of Fetal Growth Restriction

LAURENT, Louise – see also see also multi-author scholarly activity in division listing

Peer-Reviewed Research Publications

- Rodosthenous RS, Hutchins E, Reiman R, Yeri AS, Srinivasan S, Whitsett TG, Ghiran I, Silverman MG, **Laurent LC**, Van Keuren-Jensen K, Das S. 2020. "Profiling Extracellular Long RNA Transcriptome in Human Plasma and Extracellular Vesicles for Biomarker Discovery." iScience, 23(6): 101182. PMID: 32512385. PMCID: PMC7283149.

- Sparks TN, Lianoglou BR, Adami RR, Pluym ID, Holliman K, Duffy J, Downum SL, Patel S, Faubel A, Boe NM, Field NT, Murphy A, **Laurent LC**, Jolly J, Uy C, Slavotinek AM, Devine P, Hodoglulil U, Van Ziffle J, Sanders SJ, MacKensie TC, Norton ME. 2020. "Exome Sequencing for Prenatal Diagnosis in Nonimmune Hydrops Fetalis." *N Engl J Med*. 2020 Oct 7. PMID: 33027564.
- Lucero R, Zappulli V, Sammarco A, Murillo OD, Cheah PS, Srinivasan S, Tai E, Ting DT, Wei Z, Roth ME, **Laurent LC**, Krichevsky AM, Breakefield XO, Milosavljevic A. Glioma-Derived miRNA-Containing Extracellular Vesicles Induce Angiogenesis by Reprogramming Brain Endothelial Cells. *Cell Rep*. 2020 Feb 18;30(7):2065-2074.e4. doi: 10.1016/j.celrep.2020.01.073. PMID: 32075753; PMCID: PMC7148092.
- Rodosthenous RS, Hutchins E, Reiman R, Yeri AS, Srinivasan S, Whitsett TG, Ghiran I, Silverman MG, **Laurent LC**, Van Keuren-Jensen K, Das S. Profiling Extracellular Long RNA Transcriptome in Human Plasma and Extracellular Vesicles for Biomarker Discovery. *iScience*. 2020 Jun 26;23(6):101182. doi: 10.1016/j.isci.2020.101182. Epub 2020 May 18. PMID: 32512385; PMCID: PMC7283149.
- O'Brien K, Breyne K, Ughetto S, **Laurent LC**, Breakefield XO. RNA delivery by extracellular vesicles in mammalian cells and its applications. *Nat Rev Mol Cell Biol*. 2020 Oct;21(10):585-606. doi: 10.1038/s41580-020-0251-y. Epub 2020 May 26. PMID: 32457507; PMCID: PMC7249041.
- Demmer RT, Ulrich A, Wigger T, Strickland A, Naumchik B, Kulasingam S, Stovitz SD, Marotz C, Belda-Ferre P, Humphrey G, De Hoff P, **Laurent L**, Kline S, Knight R. SARS-CoV-2 Infection Among Symptom-Free Healthcare Workers. *medRxiv [Preprint]*. 2020 Aug 5:2020.07.31.20166066. doi: 10.1101/2020.07.31.20166066. PMID: 32793921; PMCID: PMC7418736.
- Salido RA, Morgan SC, Rojas MI, Magallanes CG, Marotz C, DeHoff P, Belda-Ferre P, Aigner S, Kado DM, Yeo GW, Gilbert JA, **Laurent L**, Rohwer F, Knight R. Handwashing and Detergent Treatment Greatly Reduce SARS-CoV-2 Viral Load on Halloween Candy Handled by COVID-19 Patients. *mSystems*. 2020 Oct 29;5(6):e01074-20. doi: 10.1128/mSystems.01074-20. PMID: 33127739.

Review Articles and Book Chapters (Peer-reviewed)

- Breakefield XO, O'Brien KO, Breyne K, Ughetto S, **Laurent LC**. 2020. "Extracellular vesicles in RNA communication in mammalian cells." *Nature Reviews Molecular Cell Biology* (2020).
- O'Brien K, Breyne K, Ughetto S, **Laurent LC**, Breakefield XO. 2020. "RNA delivery by extracellular vesicles in mammalian cells and its applications." *Nature Reviews Molecular Cell Biology* (2020).

Abstracts

- Conturie C, Thorson C, Su C, Perry K, Humphrey G, Hansen S, Song SJ, Swafford A, **Laurent LC**. 2020. Oral probiotic versus placebo and the maternal microbiome during pregnancy: A randomized controlled trial. Oral. Society for Maternal Fetal Medicine Annual Meeting, Grapevine, Texas.
- Sparks TN, Lianoglou BR, Patel S, Adami R, Rangwala N, Holliman K, Downum S, Boe N, **Laurent LC**, MacKenzie TC, Murphy A, Sanders S, Slavotinek A, Norton ME. 2020. HyDROPS study: Application of exome sequencing to identify genetic disorders causing non-immune hydrops fetalis. Oral. Society for Maternal Fetal Medicine Annual Meeting, Grapevine, Texas.

Invited Presentations

- Conturie C, Thorson C, Su C, Perry K, Humphrey G, Hansen S, Song SJ, Swafford A, **Laurent LC**. 2020. Oral probiotic versus placebo and the maternal microbiome during pregnancy: A randomized controlled trial. Oral. Society for Maternal Fetal Medicine Annual Meeting, Grapevine, Texas.
- Sparks TN, Lianoglou BR, Patel S, Adami R, Rangwala N, Holliman K, Downum S, Boe N, **Laurent LC**, MacKenzie TC, Murphy A, Sanders S, Slavotinek A, Norton ME. 2020. HyDROPS study: Application of exome sequencing to identify genetic disorders causing non-immune hydrops fetalis. Oral. Society for Maternal Fetal Medicine Annual Meeting, Grapevine, Texas.

LEWIS, Amanda - see also multi-author scholarly activity in division listing

Peer-Reviewed Research Publications

- Hilt EE, Putonti C, Thomas-White K, **Lewis AL**, Visick KL, Gilbert NM, Wolfe AJ. *Aerococcus urinae* isolated from women with lower urinary tract symptoms: *in vitro* aggregation and genome analysis. **J Bacteriol**. 2020 Apr 13;. doi: 10.1128/JB.00170-20. [Epub ahead of print] PubMed PMID: 32284319.
- Morrill S, Gilbert NM, **Lewis AL**. Gardnerella vaginalis as a Cause of Bacterial Vaginosis: Appraisal of the Evidence From *in vivo* Models. *Front Cell Infect Microbiol*. 2020;10:168. doi: 10.3389/fcimb.2020.00168. eCollection 2020. Review. PubMed PMID: 32391287; PubMed Central PMCID: PMC7193744.
- **Lewis AL**, Gilbert NM. Roles of the vagina and the vaginal microbiota in urinary tract infection: evidence from clinical correlations and experimental models. *GMS Infect Dis*. 2020;8:Doc02. doi: 10.3205/id000046. eCollection 2020. Review. PubMed PMID: 32373427; PubMed Central PMCID: PMC7186798.

- Morrill S, Gilbert NM, **Lewis AL**. *Gardnerella vaginalis* as a Cause of Bacterial Vaginosis: Appraisal of the Evidence From *in vivo* Models. *Front Cell Infect Microbiol*. 2020;10:168. doi: 10.3389/fcimb.2020.00168. eCollection 2020. Review. PMID: 32391287; PMCID: PMC7193744.
- Agarwal KA, Robinson LS, Aggarwal S, Lynne Foster LR, Hernandez-Leyva A, Lin H, Tortelli BA, O'Brien VP, Miller L, Kau AL, Reno H, Gilbert NM, Lewis WG, **Lewis AL**. Glycan cross-feeding supports mutualism between *Fusobacterium* and the vaginal microbiota. *PLoS Biol*. 2020 Aug 25;18(8):e3000788. doi: 10.1371/journal.pbio.3000788. eCollection 2020 Aug. PMID: 32841232
- Gilbert, NM Foster LR, Cao B, Yin Y, Mysorekar IU, **Lewis AL**. *Gardnerella vaginalis* promotes group B *Streptococcus* vaginal colonization, enabling ascending uteroplacental infection in pregnant mice. *Am J Obstet Gynecol*, 2020 Nov 25;S0002-9378(20)31331-4. doi: 10.1016/j.ajog.2020.11.032. Online ahead of print.
- Valerie P. O'Brien, Matthew S. Joens, **Amanda L. Lewis**, Nicole M. Gilbert. Recurrent *Escherichia coli* Urinary Tract Infection Triggered by *Gardnerella vaginalis* Bladder Exposure in Mice doi: 10.3791/61967 Published: December 4, 2020

Review Articles and Book Chapters (Peer-reviewed)

- Morrill S, Gilbert NM, **Lewis AL**. *Gardnerella vaginalis* as a Cause of Bacterial Vaginosis: Appraisal of the Evidence From *in vivo* Models. **Front Cell Infect Microbiol**. 2020;10:168. doi: 10.3389/fcimb.2020.00168. eCollection 2020. Review. PubMed PMID: 32391287; PubMed Central PMCID: PMC7193744.
- **Lewis AL**, Gilbert NM. Roles of the vagina and the vaginal microbiota in urinary tract infection: evidence from clinical correlations and experimental models. **GMS Infect Dis**. 2020;8:Doc02. doi: 10.3205/id000046. eCollection 2020. Review. PubMed PMID: 32373427; PubMed Central PMCID: PMC7186798.
- Gilbert NM, **Lewis AL**. Roles of the vagina and the vaginal microbiota in urinary tract infection: Evidence from clinical correlations and experimental models, Chapter in *Urogenital Infections*, European Association of Urology, Publisher: German Medical Science (gGmbH), Germany (peer reviewed book chapter accepted)
- Agarwal KA, Robinson LS, Perry JC Lynne Foster LR, Lin H, Tortelli B, O'Brien VP, Reno H, Gilbert NM, Lewis WG, **Lewis AL**. Glycan cross-feeding drives mutualism between *Fusobacterium* and the vaginal microbiota. **bioRxiv** 463349; doi: <https://doi.org/10.1101/463349>

Invited Presentations

- **Virtual Seminar:** “The microbiome and infections of the reproductive tract in human females” Center for Research and Training in Anthropogeny Virtual Symposium, “Impact of Infectious Disease on Humans and our Origins.” May 2020

LEWIS, Warren - see multi-author scholarly activity in divisional listing

MOORE, Thomas

Invited Presentations

- Speaker, UCSD Health Leadership Academy. April 4, 2020. San Diego, CA. Managing Up
- Speaker, UCSD Health Leadership Academy. May 4, 2020. San Diego, CA. Managing Up

RAMOS, Gladys - see also multi-author scholarly activity in department and divisional listing

Peer-Reviewed Research Publications

- Larsen B, Micucci S, Hartman SJ, **Ramos G**. Feasibility and Acceptability of a Counseling- and mHealth-Based Physical Activity Intervention for Pregnant Women With Diabetes: The Fit for Two Pilot Study. JMIR Mhealth Uhealth. 2020 Oct 21;8(10):e18915. doi: 10.2196/18915. PMID: 33084584; PMCID: PMC7641781.

Invited Presentations

- Adami R, Ngan E, Roeder H, Vuppala A, Meads M, Gonzalez C, Rodrigo J, Tran N, **Ramos G**, Ballas J, Laurent LC, Woelkers D. 2020. Predicting Outcome and Time to Delivery in Suspected Late-Preterm Preeclampsia: Comparing Biomarker to Standard Evaluation. Poster. Society for Maternal Fetal Medicine Annual Meeting, Grapevine, Texas.
- Sweet success Express, 24th National Research Conference, COVID and Pregnancy, November 2020

WOELKERS, Douglas

Peer-Reviewed Research Publications

- Barton JR, **Woelkers DA**, Newman RB, Combs CA, How HY, Boggess KA, Martin JN Jr, Kupfer K, Sibai BM; PETRA (Preeclampsia Triage by Rapid Assay) Trial. Placental growth factor predicts time to delivery in women with signs or symptoms of early preterm preeclampsia: a prospective multicenter study. Am J Obstet Gynecol. 2020 Mar;222(3):259.e1-259.e11. doi: 10.1016/j.ajog.2019.09.003. Epub 2019 Sep 10. PMID: 31518550.

WOLF, Richard

Review Articles and Book Chapters (Peer-reviewed)

- **Wolf, RB**. Abdominal Imaging. Creasy R, Resnik R, Iams J, Lockwood C, Moore T, Greene M (eds), Maternal Fetal Medicine-Principle and Practice. 9th Edition. Elsevier, Philadelphia (In Press)
- **Wolf, RB**. Urogenital Imaging. Creasy R, Resnik R, Iams J, Lockwood C, Moore T, Greene M (eds), Maternal Fetal Medicine-Principle and Practice. 9th Edition. Elsevier, Philadelphia (In Press)
- **Wolf, RB**. Skeletal Imaging. Creasy R, Resnik R, Iams J, Lockwood C, Moore T, Greene M (eds), Maternal Fetal Medicine-Principle and Practice. 9th Edition. Elsevier, Philadelphia (In Press)

REPRODUCTIVE ENDOCRINOLOGY AND INFERTILITY

Scholarly work involved multiple members of this division:

Peer-Reviewed Research Publications

- Doblado M, Zhang L, Toloubeydokhti T, Garzo GT, **Chang RJ, Duleba AJ**. Androgens Modulate Rat Granulosa Cell Steroidogenesis. *Reprod Sci*. 2020 Apr;27(4):1002-1007. PMID: 31916094.
- Banaszewska B, Siakowska M, Chudzicka-Strugala I, **Chang RJ**, Pawelczyk L, Zwozdziak B, Spaczynski R, **Duleba AJ**. Elevation of markers of endotoxemia in women with polycystic ovary syndrome. *Hum Reprod*. 2020 Oct 1;35(10):2303-2311. PMID: 32869098.
- Nicholas, D. A., Knight, V. S., Tonsfeldt, K. J., Terasaka, T., Molinar-Inglis, O., Stephens, S. B. Z., Trejo, J., **Kauffman, A. S., Mellon, P. L., Lawson, M. A. (2020)**. GLUT1-mediated Glycolysis Supports GnRH-induced Secretion of Luteinizing Hormone from Female Gonadotropes. *Scientific Reports* 10, 13063. PMID: 32747664; PMC7400764
- LA Esparza, DA Schafer, BS Ho, **VG Thackray**, and **AS Kauffman**. Hyperactive LH pulses and elevated kisspeptin and NKB gene expression in the arcuate nucleus of a PCOS mouse model. *Endocrinology*, 161(4): 1-15, **2020**
- Bohaczuk, S. C., **Thackray V. G.**, Shen, J., Skowronska-Krawczyk, D., **Mellon, P. L. (2020)**. FSH β Transcription is Regulated by a Novel 5' Distal Enhancer with a Fertility-Associated Single Nucleotide Polymorphism. *Endocrinology*, *Endocrinology* 162(1), 1-12. PMID: 33009549, PMC7846141
- LA Esparza, T Terasaka, **MA Lawson**, and **AS Kauffman**. Androgen suppresses in vivo and in vitro LH pulse secretion and neural Kiss1 and Tac2 gene expression in female mice. *Endocrinology*, 161(12): bqaa191. 2020.
- Tan K, Jones SH, Lake BB, Dumdie JN, Shum EY, Zhang L, Chen S, Sohni A, Pandya S, Gallo RL, Zhang K, **Cook-Andersen H, Wilkinson MF**. The role of the NMD factor UPF3B in olfactory sensory neurons. *eLIFE* doi: 10.7554/eLife.57525 (2020). PMID: 32773035
- Ramaiah M, Tan K, Plank TM, Song HW, Dumdie JN, Jones S, Shum EY, Sheridan SD, Peterson KJ, Gromoll J, Haggarty SJ, **Cook-Andersen H & Wilkinson MF**. Response to: X-linked miR-506 family miRNAs promote FMRP expression in mouse spermatogonia. 2020. *EMBO Rep*. 21:e49354. doi: 10.15252/embr.201949354.

Abstracts

- **Harrison TN**, Quaas A, **Chang RJ**. “Dose-Dependent Ovulation Rates and Endocrine Correlates of Ovulation in PCOS Patients Undergoing Letrozole Ovulation Induction: A Secondary Analysis of the PPCOSII Trial.” Society for Reproductive Investigation 67th Annual Scientific Meeting. Vancouver, BC.
- D Nicholas, V Knight, K Tonsfeldt, T Terasaka, Olivia Molinar-Inglis, Shannon Brooke Zoe Stephens, Joann Trejo, **Alexander S Kauffman, Pamela L Mellon, Mark A Lawson**. GLUT1-Mediated Glycolysis Facilitates GnRH-Induced Secretion of Luteinizing Hormone. Journal of the Endocrine Society 4 (Supplement_1), MON-009
- Bohaczuk, S.C., **Thackray, V.G., Mellon, P.L.** (2020). Identifying Regulatory Elements within a Novel Enhancer of *FSHB* Containing Two PCOS-associated Single Nucleotide Polymorphisms. The Endocrine Society, 102nd Annual Meeting.

AGARWAL, Sanjay

Peer-Reviewed Research Publications

- **Agarwal SK**, Soliman AM, Bond JC, Epstein AJ. National Patterns of Emergency Department Use for Women with Endometriosis, 2006-2015. J Womens Health (Larchmt). 2020 Mar;29(3):420-426. PMID: 31718410.
- Surrey ES, Soliman AM, Johns B, Vora JB, Taylor HS, **Agarwal SK**. Real-World Characterization of Women with Diagnosed Endometriosis Initiating Therapy with Elagolix Using a US Claims Database. Clinicoecon Outcomes Res. 2020 Aug 26;12:473-479. PMID: 32922052.
- Pokrzywinski RM, Soliman AM, Chen J, Snabes MC, **Agarwal SK**, Coddington C, Coyne KS. Psychometric assessment of the health-related productivity questionnaire (HRPQ) among women with endometriosis. Expert Rev Pharmacoecon Outcomes Res. 2020 Oct;20(5):531-539. PMID: 31530044.
- Poulos C, Soliman AM, Tekin S, **Agarwal SK**. Patient preferences for elagolix and leuprolide for treating endometriosis-related pain in the United States. Expert Rev Pharmacoecon Outcomes Res. 2020 Nov 3:1-9. PMID: 33140977.
- Wessels JM, Agarwal RK, Somani A, Verschoor CP, **Agarwal SK**, Foster WG. Factors affecting stability of plasma brain-derived neurotrophic factor. Sci Rep. 2020 Nov 19;10(1):20232. PMID: 33214644.
- Archer DF, Soliman AM, **Agarwal SK**, Taylor HS. Elagolix in the treatment of endometriosis: impact beyond pain symptoms. Ther Adv Reprod Health. 2020 Dec 1;14:2633494120964517. PMID: 33294846.
- **Agarwal SK**, Soliman AM, Pokrzywinski RM, Snabes MC, Coyne KS. Clinically Meaningful Reduction in Dyspareunia Is Associated With Significant Improvements in Health-Related Quality of Life Among Women With

Moderate to Severe Pain Associated With Endometriosis: A Pooled Analysis of Two Phase III Trials of Elagolix. J Sex Med. 2020 Dec;17(12):2427-2433. PMID: 32928659.

Abstracts

- Surrey ES, Soliman ES, Johns B, Vora JB, **Agarwal SK**. Poster Presentation. Demographic and clinical characteristics of women with diagnosed endometriosis initiating therapy with Elagolix: Insights from a real-world US claims database. At the annual meeting of the Academy of Managed Care Pharmacy (AMCP).
- Surrey ES, Soliman ES, Johns B, Vora JB, **Agarwal SK**. Poster Presentation. Demographic and clinical characteristics of women with diagnosed endometriosis initiating therapy with Elagolix: Insights from a real-world US claims database. At the annual meeting of the Academy of Managed Care Pharmacy (AMCP).
- **Agarwal SK**, Soliman AM, Zivkovic M, Zhu X, Irene P. Poster presentation. Baseline characteristics of endometriosis patients participating in a real world prospective cohort study: an interim analysis of the elagolix longitudinal outcomes (lotus) study. At the 18th annual meeting of International Society for Pharmacoeconomics and Outcomes Research.
- Surrey ES, Soliman AM, Johns B, Vora JB, Cross SE, **Agarwal SK**. Poster presentation. Real world evidence on the impact of elagolix utilization on pain symptoms, treatment patterns and health resource use among endometriosis patients in the united states. At the 18th annual meeting of International Society for Pharmacoeconomics and Outcomes Research.

BREEN, Kellie

Peer-Reviewed Research Publications

- Kreisman MJ, McCosh RB, Tian K, Song C, **Breen KM**. Estradiol enables chronic corticosterone to inhibit pulsatile LH secretion and suppress Kiss 1 neuronal activation in female mice. Neuroendocrinology 110:501-516, 2020. PMID31461711.
- Makowski, KN, Kriesman, MJ, McCosh, RB, Raad, AA, **Breen KM**. Peripheral interleukin- 1 β inhibits arcuate Kiss1 cells and LH pulses in female mice. Journal of Endocrinology 246(2):149-160. 2020. PMID32464599

Abstracts

- McCosh RB, Kreisman MJ, **Breen KM**. Metabolic stress suppresses pulsatile luteinizing hormone secretion in mice. Program of the 102nd Annual Meeting of the Endocrine Society, In print only due to COVID, 2020.

Invited Presentations

- **Breen KM**. Invited Speaker. Endocrine Grand Rounds, Department of Endocrinology, UC San Diego, May 2020
Neural Mechanisms Underlying Impaired Gonadotropin Secretion During Metabolic Stress

Awards and Honors

- **Breen KM**. PI. Health Sciences Academic Senate Research Award, University of California, San Diego, 2020

CHANG, Jeffrey – see multi-author scholarly activity in divisional listing

COOK-ANDERSEN, Heidi – see also multi-author scholarly activity in divisional listing

Invited Presentations

- **Cook-Andersen H**. Invited speaker. Gordon Research Conference: Post-transcriptional Regulation of Gene Expression. Scheduled July 2020, cancelled due to Coronavirus pandemic.
- **Cook-Andersen H**. Invited speaker. “Preimplantation human embryo development: A clinical perspective.” National Academy of Sciences/National Institute of Health Workshop: Examining the State of the Science of Mammalian Embryo Model Systems: Washington, DC.
 - Related publication: National Academies of Sciences, Engineering, and Medicine 2020. Examining the State of the Science of Mammalian Embryo Model Systems: Proceedings of a Workshop. Washington, DC: The National Academies Press. <https://doi.org/10.17226/25779>.
- **Cook-Andersen H**. Invited speaker. “Gene regulatory mechanisms driving the transition from oocyte to embryo.” University of Colorado Health Sciences Center: Denver, Colorado.

DULEBA, Antoni – see also multi-author scholarly activity in divisional listing

Peer-Reviewed Research Publications

- Glowinska A, **Duleba AJ**, Zielona-Jenek M, Siakowska M, Pawelczyk L, Banaszewska B. Disparate Relationship of Sexual Satisfaction, Self-Esteem, Anxiety and Depression With Endocrine Profiles of Women With or Without PCOS. *Reprod Sci.* 2020 Jan;27(1):432-442. PMID: 32046411.
- Ozegowska K, Bartkowiak-Wieczorek J, Bogacz A, Seremak-Mrozikiewicz A, **Duleba AJ**, Pawelczyk L. Relationship Between Adipocytokines and Angiotensin Converting Enzyme Insertion/Deletion Polymorphism in Lean Women With and Without Polycystic Ovary Syndrome. *Gynecol Endocrinol.* 2020 Jun;26(6):496-500. PMID: 31814467.

HARRISON, Tracy – see also multi-author scholarly activity in divisional listing

Awards and Honors

- Society for Reproductive Investigation Early Career Investigator Award

KAUFFMAN, Sasha – see also multi-author scholarly activity in divisional listing

Peer-Reviewed Research Publications

- KP Tolson, N Marooki, JP De Bond, E Walenta, SBZ Stephens, RB Liaw, R Savur, A Wolfe, DY Oh, JT Smith, and **AS Kauffman**. Conditional knockout of kisspeptin signaling in brown adipose tissue increases metabolic rate and body temperature and lowers body weight. *FASEB Journal*, 34(1): 107-121. **2020**. [PMCID: PMC7202476]

Review Articles and Book Chapters (Peer-reviewed)

- **Kauffman AS** and Hoffmann HM. Hormone release patterns. *Mol Cell Endocrinol.* Feb 28;507:110781. **2020**.

Invited Presentations

- “Neural and hormonal regulation of pulsatile reproductive hormone secretion in mice” University of Illinois at Urbana-Champaign, Neuroscience Seminar Series, October 2020

Awards and Honors

- The Richard E. Weitzman Outstanding Early Career Award, Endocrine Society (2020)

LAWSON, Mark – see also multi-author scholarly activity in divisional listing

Peer-Reviewed Research Publications

- Vega L., C. Primus, C. Etson, A. Guillory, A. Edwards , S. Flores , C. Fry, S. Ingram, **M. Lawson**, R. McGee, S. Paxson, L. Phelan, K. Suggs, E. Vuong, L. Hammonds-Odie, M. Leibowitz, M. Zavala, J. L. Lujan, and M. Ramirez-Alvarado (2020). “Scientific societies fostering inclusive scientific environments through travel awards: current practices and recommendations” *CBE-Life Sciences Education (In Press)*

Review Articles and Book Chapters (Peer-reviewed)

- Scientific societies fostering inclusivity through speaker diversity in annual meeting programming: a call to action. (2020) Segarra, V. A. C. Primus, G.A. Unguez, A. Edwards, C. Etson, S.C. Flores, C. Fry, A.N. Guillory, S. L. Ingram, **M. Lawson**, R. McGee, S. Paxson, L. Phelan, K. Suggs, L.R. Vega, E. Vuong, J.C. Havran, A. Leon, M.D. Burton, J.L. Lujan, M. Ramirez-Alvarado. *Molecular Biology of the Cell*, Nov 1;31(23):2495-2501. doi: 10.1091/mbc.E20-06-0381.
- Scientific Societies Fostering Inclusive Scientific Environments through Travel Awards: Current Practices and Recommendations. (2020) Segarra, V.A. L.R. Vega, C. Primus, C. Etson, A.N. Guillory, A. Edwards, S.C. Flores, C. Fry, S.L. Ingram, **M. Lawson**, R. McGee, S. Paxson L. Phelan, K. Suggs E. Vuong, L. Hammonds-Odie, M. J. Leibowitz, MariaElena Zavala, J. L. Lujan, and M. Ramirez-Alvarado. *CBE-Life Sciences Education* 19 (2) es3 pp1-10. <https://doi.org/10.1187/cbe.19-11-0262>.

Abstracts

- MON-009 GLUT1-Mediated Glycolysis Facilitates GnRH-Induced Secretion of Luteinizing Hormone
D Nicholas, V Knight, K Tonsfeldt, T Terasaka, Olivia Molinar-Inglis, Shannon Brooke Zoe Stephens, Joann Trejo, Alexander S Kauffman, Pamela L Mellon, **Mark A Lawson**... Journal of the Endocrine Society 4 (Supplement_1), MON-009
- Integration of GPCR-induced endothelial cytoprotection signaling by β -arrestin-2
Olivia Molinar-Inglis, Lili Zhang, Dequina Nicholas, Buxin Chen, Metztli Cisneros, Neil J Grimsey, Luisa J Coronel, Ying Lin, Cara Rada, Neil Chi, **Mark A Lawson**, JoAnn Trejo. The FASEB Journal 34 (S1), 1-1
- Improved fractionation method demonstrates phosphorylated Akt is localized to the cytoplasm in L β T2 cells
Alexis Garcia, Olivia Molinar-Inglis, Dequina Nicholas, Jeremiah Keyes, Jose Adame, Metztli Cisneros, **Mark Lawson**, Jin Zhang, JoAnn Trejo The FASEB Journal 34 (S1), 1-1

MELLON, Pamela L. – see also multi-author scholarly activity in divisional listing

Peer-Reviewed Research Publications

- Coré, N., Erni, A., Hoffmann, H. M., **Mellon, P. L.**, Saurin, A. J., Béclin, C., and Cremer, H. (2020). Stem Cell Regionalization During Olfactory Bulb Neurogenesis Depends on Regulatory Interactions between Vax1 and Pax6. *eLife* 9, e58215. PMID: 32762844; PMC7440913
- Pandolfi, E. C., Breuer, J. A., Huu, V. A. N., Talluri, T., Nguyen, D., Lee, J. S., Hu, R., Bharti, K., Skowronska-Krawczyk, D., Gorman, M. R., **Mellon, P. L.**, Hoffmann, H. M. (2020). The Homeodomain Transcription Factors Vax1 and Six6 are Required for SCN Development and Function. *Molecular Neurobiology* 57(2), 1217-1232. PMID:31705443; PMC7035166
- Gou, L.-T., Lim, D.-H., Ma, W., Aubol, B. E., Hao, Y., Wang, X., Zhao, J., Liang, Z., Shao, C., Zhang, X., Meng, F., Li, H., Zhang, X., Xu, R., Li, D., Rosenfeld, M. G., **Mellon, P. L.**, Adams, J. A., Liu, M.-F., Fu, X.-D. (2020). Initiation of Parental Genome Reprogramming in Fertilized Oocyte by Splicing Kinase SRPK1-Catalyzed Protamine Phosphorylation. *Cell* 180(6), 1212-1227. PMID: 3216915; PMC7190278

Abstracts

- Lavalley, S.N., Hernandez, J., **Mellon, P.L.** (2020). The Expression of the Homeodomain Transcription Factor SIX3 within Kisspeptin Neurons is Necessary for Reproduction in Mice. The Endocrine Society,102nd Annual Meeting.

- Ho, E.V., Shi, C., **Mellon, P.L.** (2020). Prenatal Anti-Mullerian Hormone (pAMH) Exposure in Mice Induces Changes in Pubertal Onset, Fertility, and Stress Response in Both Male and Female Offspring. The Endocrine Society, 102nd Annual Meeting.
- Tonsfeldt, K.J., Cui, L.J., Brusman, L.D., Lee, J., Mieda, M., Gorman, M.R., **Mellon, P.L.** (2020). The Impact of Cell-type Specific *Bmal1* Deletion in the Suprachiasmatic Nucleus on Female Fertility. Society for Research on Biological Rhythms.

Invited Presentations

- Symposium Speaker, The Endocrine Society Annual Meeting, San Francisco, postponed (2020)
- Speaker, Career Development Workshop, The Mentor-Mentee Relationship, The Endocrine Society Annual Meeting, San Francisco, postponed (2020)
- Lead Speaker, Endocrine Society Summer Research Fellowship Program, “Mentorship: How to Choose a Good Mentor and Be a Good Mentee” (2020)

Awards and Honors

- Outstanding Mentor Award in STEM – UC San Diego (2020)

SU, Irene

Peer-Reviewed Research Publications

- Zhou Z, Wu Q, Yan Z, Zheng H, Chen CJ, Liu Y, Qi Z, Calandrelli R, Chen Z, Chien S, **Su HI**, Zhong S. Reply to Hartl and Gao: Lack of Between-Batch Difference in the Distributions of Measured Extracellular RNA levels. Proc Natl Acad Sci USA. 2020 Jan 28;117(4):1851-1852. PMID: 31964851.
- Romero SAD, **Su HI**, Satagopan J, Li QS, Seluzicki CM, Dries A, DeMichele AM, Mao JJ. Clinical and Genetic Risk Factors for Aromatase Inhibitor-Associated Arthralgia in Breast Cancer Survivors. Breast. 2020 Feb;49:48-54. PMID 31678641.
- Edib Z, Jayasinghe Y, Hickey M, Stafford L, Anderson RA, **Su HI**, Stern K, Saunders C, Anazodo A, Macheras-Magias M, Chang S, Pang P, Agresta F, Chin-Lenn L, Cui W, Pratt S, Gorelik A, Peate M. Exploring the facilitators and barriers to using an online infertility risk prediction tool (FoRECAST) for young women with breast cancer: a qualitative study protocol. 2020 Feb;10(2):e033669. PMID: 32047016.

- Lam CM, Shliakhsitsava K, Stark SS, Medica ACO, Pinson KA, Witcomb BW, **Su HI**. Reproductive intentions in childless female adolescent and young adult cancer survivors. *Fertil Steril*. 2020 Feb; 113(2):392-399. PMID 32106992.
- Charo LM, Homer MV, Natarajan L, Haunschild C, Chung K, Mao JJ, DeMichele AM, **Su HI**. Drug metabolizing enzyme polymorphisms and chemotherapy-related ovarian failure in young breast cancer survivors. *J Obstet Gynaecol*. 2020 Jun 4; 1-6. PMID: 32496149.
- Stuenkel CA Santoro NF, Laughlin-Tommaso SK, Black A, Joffe H, **Su HI**. NAMS 2019 Pre-Meeting Symposium, September 2019, Chicago Illinois: The Perimenopause. *Menopause*. 2020 Jul;27(7):735-745. PMID: 32433263.
- Weiner LS, Nagel S, **Su HI**, Hurst S, Hartman SJ. A Remotely Delivered, Peer-Led Physical Activity Intervention for Younger Breast Cancer Survivors (Pink Body Spirit): Protocol for a Feasibility Study and Mixed Methods Process Evaluation. *JMIR Res Protoc*. 2020 Jul 8;9(7):e18420. PMID: 32673270.
- Desai MJ, Gold RS, Jones CK, Din H, Dietz AC, Shliakhsitsava K, Martinez ME, Vaida F, **Su HI**. Mental Health Outcomes in Adolescent and Young Adult Female Cancer Survivors of a Sexual Minority. *J Adolesc Young Adult Oncol*. 2020 Jul 27. PMID: 32730111.
- **Su HI**, Kwan B, Witcomb BW, Shliakhsitsava K, Dietz AC, Stark SS, Martinez E, Sluss PM, Sammel MD, Natarajan L. Modeling Variation in the Reproductive Lifespan of Female Adolescent and young Adult Cancer Survivors Using AMH. *J Clin Endocrinol Metab*. 2020 Aug 1;105(8):2740-51. PMID: 32270202.
- Zhou Z, Wu Q, Yan Z, Zheng H, Chen CJ, Liu Y, Qi Z, Calandrelli R, Chen Z, Chien S, **Su HI**, Zhong S. Reply to Verwilt et al.: Experimental evidence against DNA contamination in SILVER-seq. *Proc Natl Acad Sci U S A*. 2020 Aug 11;117(32):18937-18938. PMID: 32788395.
- Romero SAD, Li QS, Orlov I, Gonen M, **Su HI**, Mao JJ. Genetic predictors to acupuncture response for hot flashes: an exploratory study of breast cancer survivors. *Menopause*. 2020 Aug;27(8):913-917. PMID: 32217888.
- Medica ACO, Whitcomb BW, Shliakhsitsava K, Dietz A, Pinson K, Lam C, Romero SAD, Sluss P, Sammel MD, **Su HI**. Beyond premature ovarian insufficiency: Staging reproductive aging in adolescent and young adult cancer survivors. *J Clin Endocrinol Metab*. 2020 Nov 3:dga797. PMID: 33141175.
- Kim J, Whitcomb BW, Kwan B, Zava D, Sluss PM, Dietz A, Shliakhsitsava K, Romero SAD, Natarajan L, **Su HI**. Psychosocial stress and ovarian function in adolescent and young adult cancer survivors. *Hum Reprod*. 2020 Dec 5:deaa313. PMID: 33279981.

Review Articles and Book Chapters (Peer-reviewed)

- Anderson RA, **Su HI**. The Clinical Value and Interpretation of Anti-Müllerian Hormone in Women With Cancer. Front Endocrinol (Lausanne). 2020 Oct 7;11:574263. PMID: 33117288.

Abstracts

- Zhou B, Desai M, Nalawade V, Murphy JD, Whitcomb BW, **Su HI**. “Toward targeting counseling: association between cancer type and adverse pregnancy outcomes.” American Society of Reproductive Medicine 76th Scientific Congress.
- Desai M, Zhou B, Nalawade V, Murphy J, Whitcomb BW, **Su HI**. “Adverse perinatal outcomes in adolescent and young adult cancer survivors and impact of ART.” American Society of Reproductive Medicine 76th Scientific Congress.
- Dornisch A, Yang E, Gruspe J, Kaiser BN, Helsten T, Aristizabal P, **Su HI**. “Identifying best fit implementation strategies for improving fertility care for adolescent and young adult (AYA) cancer survivors.” American Society of Reproductive Medicine 76th Scientific Congress.
- Kim J, Whitcomb BW, Kwan B, Romero SAD, **Su HI**. “Association of psychosocial stress with ovarian function in young cancer survivors.” American Society of Reproductive Medicine 76th Scientific Congress.
- Figueiredo M, **Su HI**, Chen Y. “An Evaluation of Commercial Fertility Apps: Algorithmic Predictions and Users' Perceptions.” American Society of Reproductive Medicine 76th Scientific Congress.

Invited Presentations

- “Meeting the oncofertility needs of children and adolescents with cancer.” Grand Rounds Speaker. Department of Pediatric Hematology and Oncology, City of Hope, CA. March 5, 2020.
- “Fertility preservation for female young adult cancer survivors.” Invited Speaker. Ferring Pharmaceuticals Patient-Centered Fertility Care Symposium, Taiwan. August 15, 2020.
- “Developing female physicians as clinical leaders.” Invited Speaker. Ferring Pharmaceuticals Female Physician Leadership Symposium, Taiwan. August 2020.
- “Utility of ovarian reserve testing in the setting of fertility preservation.” Webinar Presentation. American Society of Reproductive Medicine. August 27, 2020.
- “Fertility options for cancer survivors.” Invited speaker/discussant. Update on Adolescent and Young Adult Blood Cancer Treatments, The Leukemia and Lymphoma Society. October 24, 2020.

THACKRAY, Varykina – see also multi-author scholarly activity in divisional listing

Abstracts

- Shah, R. and **Thackray, V.G.** (2020) Effects of Increased Fiber Diet on PCOS Metabolic Phenotype. UCSD Summer Research Conference, La Jolla, CA (oral presentation)

Invited Presentations

- “Emerging Role of the Gut Microbiome in Polycystic Ovary Syndrome.” Massachusetts General Hospital, Reproductive Endocrine Unit, Boston, MA, March 2020
- “Hormones, Gut Microbes and Polycystic Ovary Syndrome.” Department of Nutritional Sciences, Cornell University, Ithaca, NY, September 2020
- “Androgen Exposure During Puberty Versus Adulthood Resulted in Distinct PCOS Phenotypes.” Virtual Annual Meeting of the Androgen Excess and PCOS Society, November 2020
- “Microbiome and Polycystic Ovary Syndrome.” Virtual Ovarian Club Asia 2020 Meeting, December 2020

WILKINSON, Miles – see also multi-author scholarly activity in divisional listing

Peer-Reviewed Research Publications

- Tan K & **Wilkinson MF**. A single-cell view of spermatogonial stem cells. *Current Opinion Cell Biology* 67: 71-78 (2020). PMID: **32950921**
- Tan K, Song HW & **Wilkinson MF**. Single-cell RNAseq analysis of testicular germ and somatic cell development during the perinatal period. *Development* 147, doi: 10.1242/dev.183251 (2020). PMCID: 31964773, PMC7033731
- Tan K, Song H-W, Thompson M, Munyoki S, Sukhwani M, Hsieh T-C, Orwig KE & **Wilkinson MF**. Transcriptome profiling reveals signaling conditions dictating human spermatogonia fate in vitro. *Proc Natl Acad Sci USA* 117: 17832-17841 (2020). PMID: 32661178
- Domingo D, Nawaz U, Corbett M, Espinoza J., Tatton-Brown K, Corman D, **Wilkinson MF**, Gecz J & Jolly LA. A novel synonymous variant in the *UPF3B* NMD gene is associated with a speech disorder. *Human Molecular Genetics* 29: 2568-2578 (2020). PMID: 32667670

Abstracts

- American Urological Association, Washington DC, “Transcriptome Analysis Reveals Conditions for Cultured Human Spermatogonial Stem-Like Cells,” (15-18 May, 2020). Trainee won 1st place for poster award.
- European Society of Human Genetics, Berlin, Germany, “Nonsense-Mediated RNA Decay in Neural Development and Disease,” (6-9 June, 2020)
- 12th International Congress on Andrology, Munster, Germany, “AKT Signaling Inhibition Favors Culture of Human Undifferentiated Spermatogonia” (5-9 December, 2020)

Invited Presentations

- American Urological Association, Washington DC, “Transcriptome Analysis Reveals Conditions for Cultured Human Spermatogonial Stem-Like Cells,” (15-18 May, 2020)
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