

2020-2021 UNC OBGYN Resident Research

Publications

Adams, Jenna C.

Goggins ER, Williams R, Kim TG, Adams JC, Davis MJ, McIntosh M, Uzor M, Geary F, Jamieson DJ, Boulet SL. Assessing Influenza Vaccination Behaviors Among Medically Underserved Obstetric Patients. *J Womens Health (Larchmt)*. 2021 Jan;30(1):52-60. doi: 10.1089/jwh.2020.8582. Epub 2020 Oct 23. PMID: 33095095.

Ahn, Susie

Son J, Chambers LM, Carr C, Michener CM, Yao M, Beavis A, Yen TT, Stone RL, Wethington SL, Fader AN, Burkett WC, Richardson DL, Staley AS, **Ahn S**, Gehrig PA, Torres D, Dowdy SC, Sullivan MW, Modesitt SC, Watson C, Veade A, Ehrisman J, Havrilesky L, Secord AA, Loreen A, Griffin K, Jackson A, Viswanathan A, Ricci S. Adjuvant treatment improves overall survival in women with high-intermediate risk early-stage endometrial cancer with lymphovascular space invasion. *Int J Gynecol Cancer*. 2020 Nov;30(11):1738-1747. doi: 10.1136/ijgc-2020-001454. Epub 2020 Aug 7. PMID: 32771986.

Brenner, Tara F.

Desravines N, **Brenner T**, Venkatesh K, Stuart G. Frequency and characteristics associated with opportunistic salpingectomy at cesarean delivery: A retrospective chart review. *Contraception*. 2021 Mar;103(3):203-207. doi: 10.1016/j.contraception.2020.12.001. Epub 2020 Dec 17. PMID: 33345975.

Bui, Anthony H.

Chong W, **Bui AH**, Menhaji K. Incidence and risk factors for venous thromboembolism events after different routes of pelvic organ prolapse repairs. *Am J Obstet Gynecol*. 2020 Aug;223(2):268.e1-268.e26. doi: 10.1016/j.ajog.2020.05.020. Epub 2020 May 13. PMID: 32413430.

Dickstein DR, Egerman MA, **Bui AH**, Doucette JT, Sharma S, Liu J, Gupta V, Miles BA, Genden E, Westra WH, Misiukiewicz K, Posner MR, Bakst RL. A new face of the HPV epidemic: Oropharyngeal cancer in the elderly. *Oral Oncol*. 2020 Aug 31;109:104687. doi: 10.1016/j.oraloncology.2020.104687. Epub ahead of print. PMID: 32882642.

Bui AH, Shebeen M, Girdusky C, Leitman IM. Structured Feedback Enhances Compliance with Operating Room Debriefs. *J Surg Res*. 2021 Jan;257:425-432. doi: 10.1016/j.jss.2020.07.079. Epub 2020 Sep 4. PMID: 32892141.

Andiman SE, **Bui AH**, Hardart A, Xu X. Unanticipated Uterine and Cervical Malignancy in Women Undergoing Hysterectomy for Uterovaginal Prolapse. *Female Pelvic Med Reconstr Surg*. 2021 Jun 1;27(6):e549-e554. doi: 10.1097/SPV.0000000000000990. PMID: 33208657.

Chang, Audrey O.

Dellon ES, Shaheen O, Koutlas NT, **Chang AO**, Martin LJ, Rothenberg ME, Jensen ET. Early life factors are associated with risk for eosinophilic esophagitis diagnosed in adulthood. *Dis Esophagus*. 2021 Feb 10;34(2):doaa074. doi: 10.1093/dote/doaa074. PMID: 32766724; PMCID: PMC7874052.

Edge, Preston J.

Edge P, Barletta K, Patnam R, Geller EJ. The Impact of Age on Perioperative Complications After Minimally Invasive Sacrocolpopexy. *Female Pelvic Med Reconstr Surg*. 2021 Jun 1;27(6):351-355. doi: 10.1097/SPV.0000000000000859. PMID: 32265403.

Ertel, Michelle C.

Ertel M, Staley SA, Nguyen T, Johnson A, Hopkins A, Desravines N, Recknagel J, Zhang X, Tan X, Clark LH. Contemporary Incidence of Medical Inoperability in Clinical Stage I Endometrial Cancer. *Ann Surg Oncol*. 2021 Jun 18. doi: 10.1245/s10434-021-10313-6. Epub ahead of print. PMID: 34143338.

Ertel M, Staley SA, Nguyen T, Johnson A, Hopkins A, Desravines N, Recknagel J, Zhang X, Tan X, Clark LH. ASO Visual Abstract: Contemporary Incidence of Medical Inoperability in Clinical Stage I Endometrial Cancer. *Ann Surg Oncol*. 2021 Jul 22. doi: 10.1245/s10434-021-10395-2. Epub ahead of print. PMID: 34296365.

White AW, Chambers CN, **Ertel MC**, Gennaro TR, Chen L, Friedman AM, Eichelberger KY. Is a 'guideline-compliant' primary cesarean delivery associated with a modified risk for maternal and neonatal morbidity?: a clinical evaluation of the 2014 ACOG/SMFM obstetric care consensus statement. *BMC Pregnancy Childbirth*. 2021 Aug 22;21(1):580. doi: 10.1186/s12884-021-04048-1. PMID: 34420526; PMCID: PMC8381590.

Field, Christine P.

Willis-Gray MG, Wu JM, Field C, Pulliam S, Husk KE, Brueseke TJ, Geller EJ, Connolly A, Dieter AA. Is a Postvoid Residual Necessary? A Randomized Trial of Two Postoperative Voiding Protocols. *Female Pelvic Med Reconstr Surg*. 2021 Feb 1;27(2):e256-e260. doi: 10.1097/SPV.0000000000000743. PMID: 31157716.

Flyke, Ian P.

Van Doorn R, Mukhtarova N, **Flyke IP**, Lasarev M, Kim K, Hennekens CH, Hoppe KK. Dose of aspirin to prevent preterm preeclampsia in women with moderate or high-risk factors: A systematic review and meta-analysis. *PLoS One*. 2021 Mar 9;16(3):e0247782. doi: 10.1371/journal.pone.0247782. PMID: 33690642; PMCID: PMC7943022.

Givens, Matthew B.

Givens MB, Lindheim SR, Goodman LR. New approaches in bloom: four-petal adenomyomectomy technique. *Fertil Steril*. 2020 Dec;114(6):1195-1196. doi: 10.1016/j.fertnstert.2020.08.1402. Epub 2020 Sep 6. PMID: 32907749.

Stone J, Sutrave P, Gascoigne E, **Givens MB**, Fry RC, Manuck TA. Exposure to toxic metals and per- and polyfluoroalkyl substances and the risk of preeclampsia and preterm birth in the United States: a review. *Am J Obstet Gynecol MFM*. 2021 May;3(3):100308. doi: 10.1016/j.ajogmf.2021.100308. Epub 2021 Jan 11. PMID: 33444805; PMCID: PMC8144061.

Givens M, Teal EN, Patel V, Manuck TA. Preterm birth among pregnant women living in areas with high social vulnerability. *Am J Obstet Gynecol MFM*. 2021 Sep;3(5):100414. doi: 10.1016/j.ajogmf.2021.100414. Epub 2021 May 31. PMID: 34082172.

Green, Celeste A.

Johnson JD, **Green CA**, Vladutiu CJ, Manuck TA. Racial Disparities in Prematurity Persist among Women of High Socioeconomic Status. *Am J Obstet Gynecol MFM*. 2020 Aug;2(3):100104. doi: 10.1016/j.ajogmf.2020.100104. Epub 2020 Mar 23. PMID: 33179010; PMCID: PMC7654959.

Green CA, Westreich D, Laughon MM, Stamilio DM, Strauss RA, Reese J, Shelton EL, Venkatesh KK. Association of chorioamnionitis and patent ductus arteriosus in a national U.S. cohort. *J Perinatol*. 2021 Jan;41(1):119-125. doi: 10.1038/s41372-020-00866-x. Epub 2020 Oct 22. PMID: 33093626.

Green CA, Johnson JD, Vladutiu CJ, Manuck TA. The association between maternal and paternal race and preterm birth. *Am J Obstet Gynecol MFM*. 2021 Jul;3(4):100353. doi: 10.1016/j.ajogmf.2021.100353. Epub 2021 Mar 20. PMID: 33757934.

Johnson, Austin P.

Ertel M, Staley SA, Nguyen T, **Johnson A**, Hopkins A, Desravines N, Recknagel J, Zhang X, Tan X, Clark LH. Contemporary Incidence of Medical Inoperability in Clinical Stage I Endometrial Cancer. *Ann Surg Oncol*. 2021 Jun 18. doi: 10.1245/s10434-021-10313-6. Epub ahead of print. PMID: 34143338.

Ertel M, Staley SA, Nguyen T, **Johnson A**, Hopkins A, Desravines N, Recknagel J, Zhang X, Tan X, Clark LH. ASO Visual Abstract: Contemporary Incidence of Medical Inoperability in Clinical Stage I Endometrial Cancer. *Ann Surg Oncol*. 2021 Jul 22. doi: 10.1245/s10434-021-10395-2. Epub ahead of print. PMID: 34296365.

Mysona, David P.

Richardson MT, **Mysona DP**, Klein DA, Mann A, Liao CI, Diver EJ, Darcy KM, Tian C, She JX, Ghamande S, Van Le L, Kapp DS, Chan JK. Long term survival outcomes of stage I mucinous ovarian cancer - A clinical calculator predictive of chemotherapy benefit. *Gynecol Oncol*. 2020 Oct;159(1):118-128. doi: 10.1016/j.ygyno.2020.07.011. Epub 2020 Aug 20. PMID: 32828578.

Mysona DP, Ghamande S, She JX, Tran L, Tran P, Rungruang BJ, Chan JK, Bae-Jump V, Gehrig PA. Are There Survival Differences Between Women with Equivalent Residual Disease After Interval Cytoreductive Surgery Compared with Primary Cytoreductive Surgery for Advanced Ovarian and Peritoneal Cancer? *Ann Surg Oncol*. 2021 Jul;28(7):3605-3615. doi: 10.1245/s10434-020-09304-w. Epub 2020 Nov 5. PMID: 33155151.

Mysona DP, Kapp DS, Rohatgi A, Lee D, Mann AK, Tran P, Tran L, She JX, Chan JK. Applying Artificial Intelligence to Gynecologic Oncology: A Review. *Obstet Gynecol Surv*. 2021 May;76(5):292-301. doi: 10.1097/OGX.0000000000000902. PMID: 34032861.

Mysona DP, Tran L, Bai S, Dos Santos B, Ghamande S, Chan J, She JX. Tumor-intrinsic and -extrinsic (immune) gene signatures robustly predict overall survival and treatment response in high grade serous ovarian cancer patients. *Am J Cancer Res*. 2021 Jan 1;11(1):181-199. PMID: 33520368; PMCID: PMC7840710.

Recknagel, Johnathon D.

Ertel M, Staley SA, Nguyen T, Johnson A, Hopkins A, Desravines N, **Recknagel J**, Zhang X, Tan X, Clark LH. Contemporary Incidence of Medical Inoperability in Clinical Stage I Endometrial Cancer. *Ann Surg Oncol*. 2021 Jun 18. doi: 10.1245/s10434-021-10313-6. Epub ahead of print. PMID: 34143338.

Ertel M, Staley SA, Nguyen T, Johnson A, Hopkins A, Desravines N, **Recknagel J**, Zhang X, Tan X, Clark LH. ASO Visual Abstract: Contemporary Incidence of Medical Inoperability in Clinical Stage I Endometrial Cancer. *Ann Surg Oncol*. 2021 Jul 22. doi: 10.1245/s10434-021-10395-2. Epub ahead of print. PMID: 34296365.

Rittenhouse, Katelyn J.

Coulson CC, Lorencz E, **Rittenhouse K**, Ramage M, Lorenz K, Galvin SL. Association of Maternal Buprenorphine or Methadone Dose with Fetal Growth Indices and Neonatal Abstinence Syndrome. *Am J Perinatol*. 2021 Jan;38(1):28-36. doi: 10.1055/s-0039-1694729. Epub 2019 Aug 17. PMID: 31421639.

Rittenhouse KJ, Mwape H, Nelson JAE, Mwale J, Chipili G, Price JT, Hudgens M, Stringer EM, De Paris K, Vwalika B, Stringer JSA. Maternal HIV, antiretroviral timing, and spontaneous preterm birth in an urban Zambian cohort: the role of local and systemic inflammation. *AIDS*. 2021 Mar 15;35(4):555-565. doi: 10.1097/QAD.0000000000002808. PMID: 33394679; PMCID: PMC7944942.

Price JT, Vwalika B, Edwards JK, Cole SR, Kasaro MP, **Rittenhouse KJ**, Kumwenda A, Lubeya MK, Stringer JSA. Maternal HIV Infection and Spontaneous Versus Provider-Initiated Preterm Birth in an Urban Zambian Cohort. *J Acquir Immune Defic Syndr*. 2021 Jun 1;87(2):860-868. doi: 10.1097/QAI.0000000000002654. PMID: 33587508; PMCID: PMC8131221.

Silverstein, R. Gina

Silverstein RG, Goodman LR. Innovative techniques for scarless laparoscopy: the Holy Grail of minimally invasive surgery. *Fertil Steril*. 2020 Sep;114(3):522-523. doi: 10.1016/j.fertnstert.2020.05.018. Epub 2020 Jul 1. PMID: 32622656.

Silverstein RG, Fitz V, Thornton M, Carter A, Morse JE. Contraceptive use and counseling in patients with systemic lupus erythematosus. *Contraception*. 2021 Sep 4:S0010-7824(21)00376-0. doi: 10.1016/j.contraception.2021.08.017. Epub ahead of print. PMID: 34492256.

Oral Presentations

Bui, Anthony H. 2021 Annual Society of Gynecologic Oncology Conference; Virtual March 2021

1. *A clinical calculator to personalize chemotherapy in early-stage clear cell ovarian cancer*

Green, Celeste A. 2020 Infectious Diseases Society of Obstetrics & Gynecology Annual Meeting; Virtual August 2020

1. *Association of chorioamnionitis and patent ductus arteriosus in a national U.S. cohort.*

Mysona, David P. 2021 Annual Society of Gynecologic Oncology Conference; Virtual March 2021

1. *A clinical calculator to personalize chemotherapy in early-stage clear cell ovarian cancer*
2. *Racial Disparities in the Prevalence of Homologous Recombination Deficiency in Ovarian, Uterine, and Cervical Cancer Tumors*

Poster Presentations

Green, Celeste A. 2021 Virtual CREOG & APGO Annual Meeting; March 2021

1. *Effecting Change through Curriculum: The Inclusion, Diversity, Equity and Advocacy Lecture Series.*

Green, Celeste A. 2021 Society for Maternal Fetal Medicine Annual Pregnancy Meeting; Virtual January 2021

2. *Standardized order sets do not eliminate racial/ethnic inequities in postpartum pain evaluation and management.*
3. *Living in a county with high food insecurity is associated with preterm birth (PTB).*
4. *Does urinary tract dilation (UTD) diagnosis in the 2nd trimester persist in the 3rd trimester?*
5. *The legacy of racial inequality and risk of modern-day placentally-mediated adverse pregnancy outcomes*

6. *The legacy of racial inequality and risk of modern-day preterm birth (PTB).*

Johnson, Austin P. 2021 Annual Society of Gynecologic Oncology Conference; Virtual
March 2021

1. *Identification and utilization of solid tumor genomic sequencing in the treatment of ovarian and endometrial cancer*
2. *Differences in tumor sequencing across ethnic groups in the treatment of endometrial cancer*

Mysona, David P. 2021 Annual Society of Gynecologic Oncology Conference; Virtual
March 2021

1. *A clinical calculator to personalize chemotherapy in early-stage high risk epithelial ovarian cancer*
2. *Evaluation of optimal timing for post-treatment imaging after primary chemoradiotherapy in patients with locally advanced cervical cancer*
3. *Racial Disparities in the Prevalence of Homologous Recombination Deficiency in Ovarian, Uterine, and Cervical Cancer Tumors*
4. *Comparison of solid tumor mutations under Targeted Agent and Profiling Utilization Registry Study - how do gynecologic cancers compare with others?*